

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053563.D
 Acq On : 30 Jan 2019 11:06
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 9:18:34 AM

Quant Time: Jan 30 11:26:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 30 11:00:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	769691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1158732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1052495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	520701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1160045	150.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.60%	
35) Dibromofluoromethane	7.59	113	1108403	151.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.48%	
50) Toluene-d8	10.09	98	4271077	156.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.52%	
62) 4-Bromofluorobenzene	12.40	95	1487232	165.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1296862	166.462	ug/l	100
3) Chloromethane	2.06	50	1480262	164.626	ug/l	99
4) Vinyl Chloride	2.19	62	1376306	156.231	ug/l	100
5) Bromomethane	2.56	94	878677	151.802	ug/l	99
6) Chloroethane	2.70	64	774145	153.277	ug/l	98
7) Trichlorofluoromethane	3.02	101	1776329	147.214	ug/l	100
8) Diethyl Ether	3.41	74	670720	153.225	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1081275	144.449	ug/l	98
10) Methyl Iodide	3.95	142	1846763	160.340	ug/l	100
11) Tert butyl alcohol	4.78	59	375242	841.086	ug/l	100
12) 1,1-Dichloroethene	3.74	96	1086370	152.912	ug/l	98
13) Acrolein	3.61	56	365892	1935.514	ug/l	99
14) Allyl chloride	4.33	41	1771949	157.428	ug/l	98
15) Acrylonitrile	4.99	53	1967916	807.977	ug/l	99
16) Acetone	3.81	43	1406646	702.764	ug/l	100
17) Carbon Disulfide	4.06	76	3410340	154.417	ug/l	100
18) Methyl Acetate	4.32	43	865920	147.163	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	2865012	160.394	ug/l	99
20) Methylene Chloride	4.55	84	1196386	142.835	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1144254	148.568	ug/l	98
22) Diisopropyl ether	5.95	45	3408307	164.739	ug/l	98
23) Vinyl Acetate	5.90	43	12008523	842.473	ug/l	99
24) 1,1-Dichloroethane	5.85	63	2072827	147.357	ug/l	100
25) 2-Butanone	6.83	43	2203029	786.173	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1616275	151.156	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1300487	152.519	ug/l	99
28) Bromochloromethane	7.19	49	886132	144.740	ug/l	97
29) Tetrahydrofuran	7.21	42	1441755	804.481	ug/l	99
30) Chloroform	7.37	83	2022481	144.593	ug/l	100
31) Cyclohexane	7.65	56	1950121	130.612	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1767947	153.370	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1627428	157.021	ug/l	99
37) Ethyl Acetate	6.93	43	952262	166.166	ug/l	98
38) Carbon Tetrachloride	7.77	117	1591908	151.547	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2003721	164.253	ug/l	99
40) Benzene	8.04	78	4866065	151.287	ug/l	100
41) Methacrylonitrile	7.17	41	574894	182.737	ug/l	99
42) 1,2-Dichloroethane	8.12	62	1413556	147.368	ug/l	99
43) Isopropyl Acetate	8.16	43	1737812	155.130	ug/l	99
44) Trichloroethene	8.84	130	1369832	149.256	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1264841	154.252	ug/l	99
46) Dibromomethane	9.21	93	736278	147.909	ug/l	98
47) Bromodichloromethane	9.40	83	1587258	154.480	ug/l	99
48) Methyl methacrylate	9.20	41	876090	165.761	ug/l	96
49) 1,4-Dioxane	9.20	88	242343	3723.824	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	4608138	851.056	ug/l	99
52) Toluene	10.16	92	3007147	158.852	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1741739	172.695	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1975359	163.666	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1059336	154.561	ug/l	99
56) Ethyl methacrylate	10.43	69	1424927	180.850	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1818306	155.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3878556	876.801	ug/l	99
59) 2-Hexanone	10.75	43	3156279	860.403	ug/l	99
60) Dibromochloromethane	10.90	129	1261841	165.180	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1075495	159.387	ug/l	100
64) Tetrachloroethene	10.63	164	1307343	143.925	ug/l	99
65) Chlorobenzene	11.44	112	3368709	150.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1207376	155.603	ug/l	99
67) Ethyl Benzene	11.51	91	5733580	157.411	ug/l	100
68) m/p-Xylenes	11.62	106	4396565	316.562	ug/l	99
69) o-Xylene	11.95	106	2126442	158.524	ug/l	98
70) Styrene	11.96	104	3532283	163.324	ug/l	100
71) Bromoform	12.13	173	902688	172.939	ug/l	99
73) Isopropylbenzene	12.25	105	5482199	149.722	ug/l	100
74) N-amyl acetate	12.07	43	1466364	170.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1277435	145.011	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1005478m	150.407	ug/l	
77) Bromobenzene	12.53	156	1494763	151.826	ug/l	99
78) n-propylbenzene	12.59	91	6468517	153.451	ug/l	100
79) 2-Chlorotoluene	12.68	91	3771475	150.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4698108	155.769	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	408733	177.003	ug/l	96
82) 4-Chlorotoluene	12.77	91	3929295	153.045	ug/l	100
83) tert-Butylbenzene	12.99	119	4019649	149.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	4791451	155.963	ug/l	99
85) sec-Butylbenzene	13.17	105	5536738	151.998	ug/l	99
86) p-Isopropyltoluene	13.29	119	4990176	157.613	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2657987	149.855	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2646648	151.046	ug/l	99
89) n-Butylbenzene	13.62	91	4417068	161.951	ug/l	100
90) Hexachloroethane	13.88	117	838273	161.139	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	2492114	146.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	191833	154.401	ug/l	99

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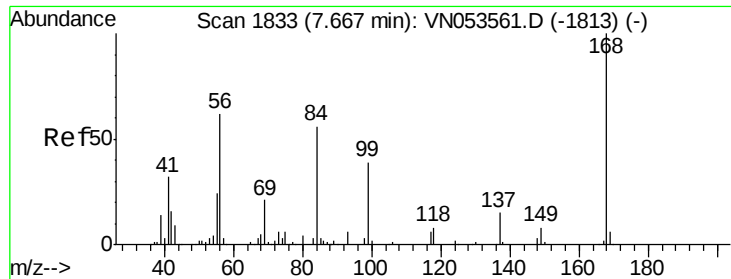
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1603088	167.910	ug/l	99
94) Hexachlorobutadiene	15.01	225	836209	135.708	ug/l	100
95) Naphthalene	15.13	128	3517056	184.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1473010	165.918	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tgt Ion: 168 Resp: 769691

Ion Ratio Lower Upper

168 100

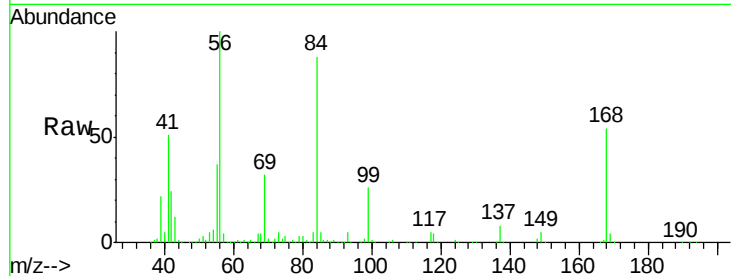
99 47.9 39.1 58.7

Manual Integrations

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2/1/2019 9:18:34 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

400000

300000

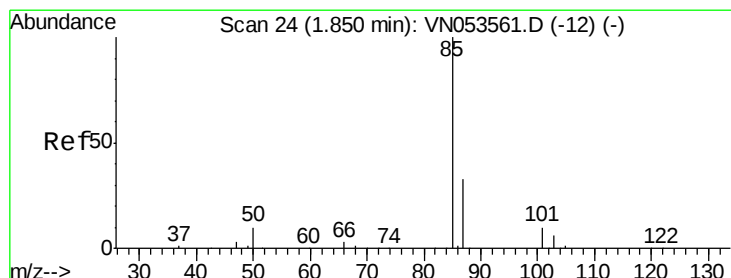
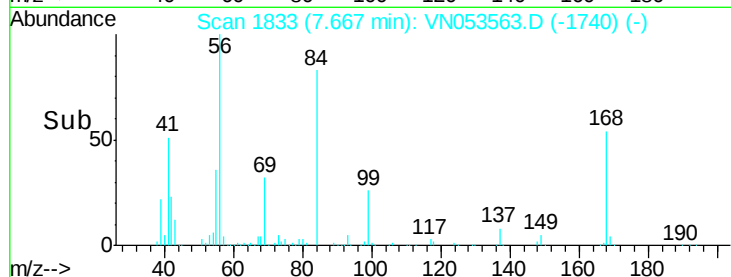
200000

100000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 166.462 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053563.D

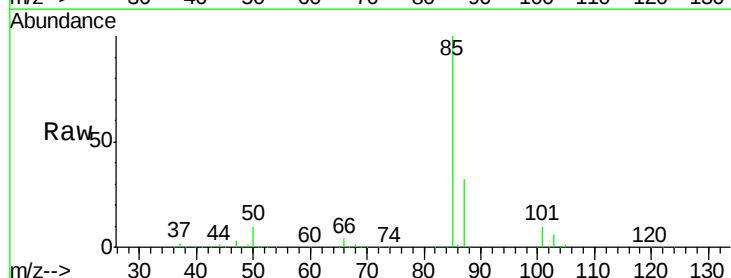
Acq: 30 Jan 2019 11:06

Tgt Ion: 85 Resp: 1296862

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1000000

800000

600000

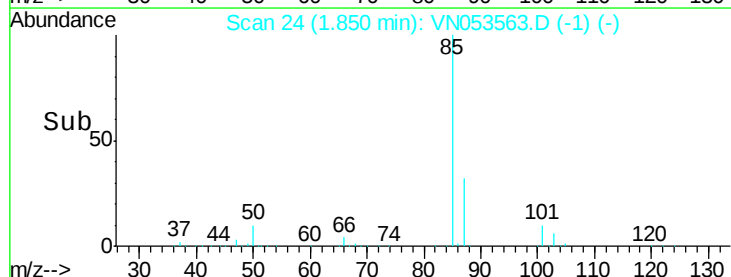
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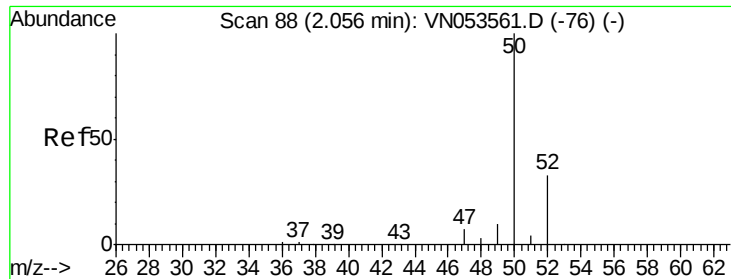
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1.80 1.90 2.00

Time-->





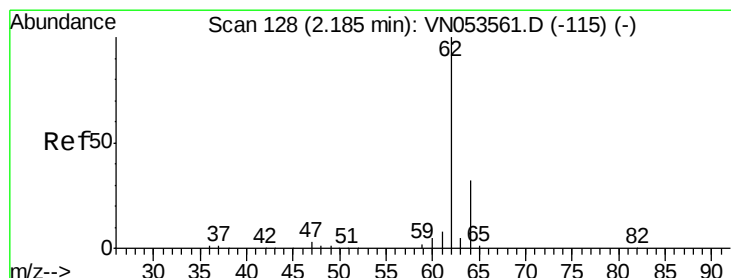
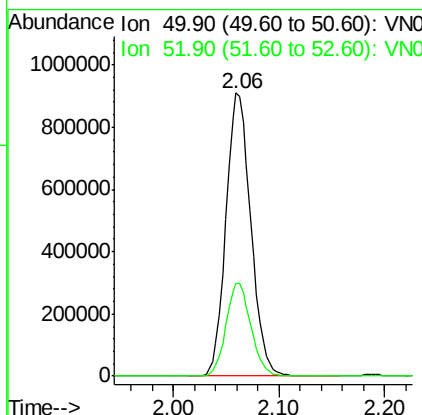
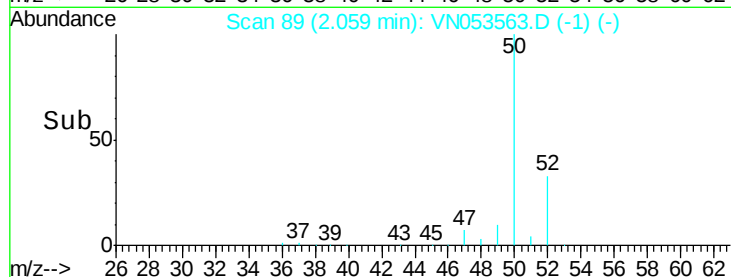
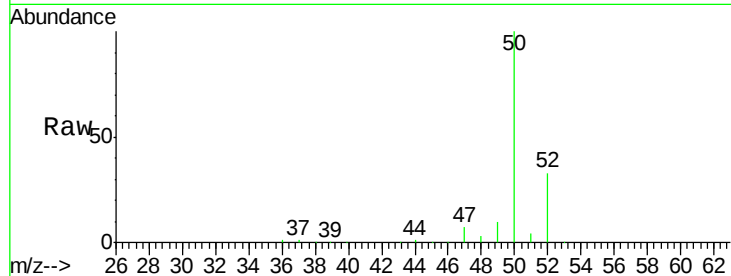
#3
 Chloromethane
 Concen: 164.626 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tgt Ion: 50 Resp: 1480262
 Ion Ratio Lower Upper
 50 100
 52 32.9 26.6 40.0

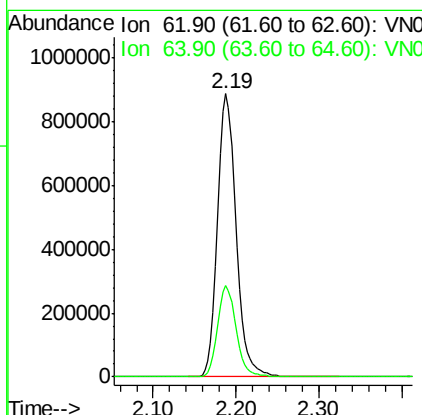
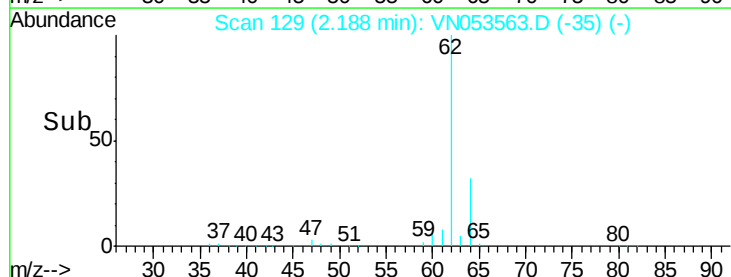
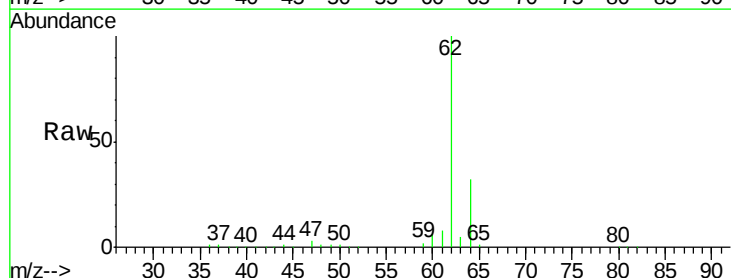
Manual Integrations
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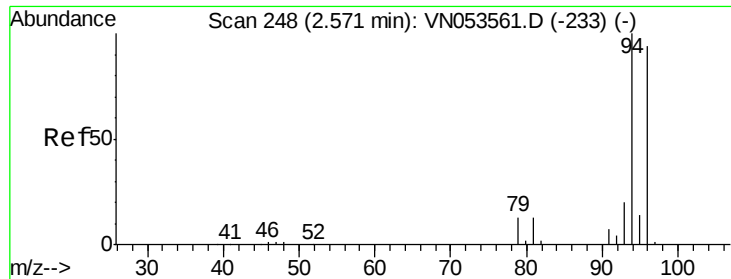
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#4
 Vinyl Chloride
 Concen: 156.231 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion: 62 Resp: 1376306
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.4 38.2





#5

Bromomethane

Concen: 151.802 ug/l

RT: 2.56 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 878677

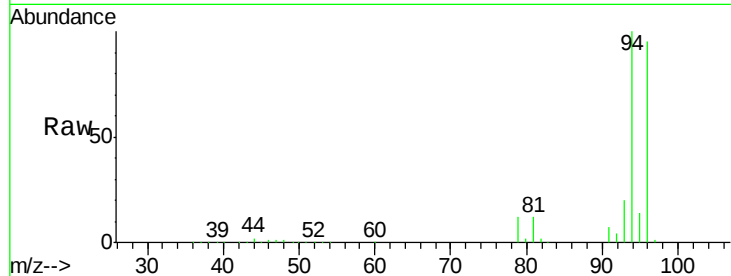
Ion Ratio Lower Upper

94 100

96 94.8 76.8 115.2

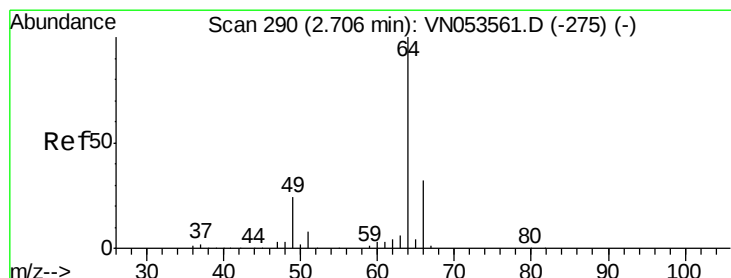
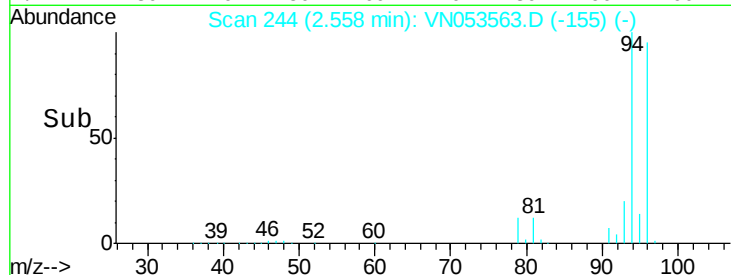
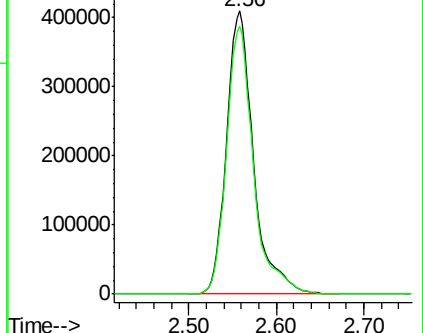
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 153.277 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN053563.D

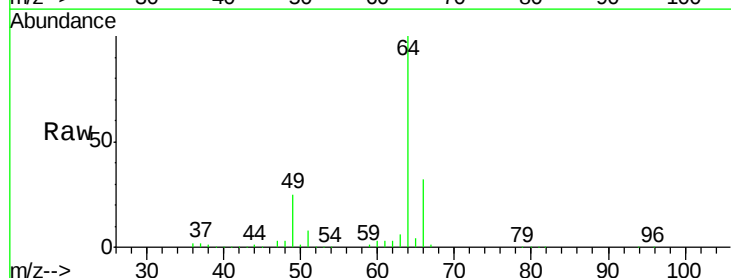
Acq: 30 Jan 2019 11:06

Tgt Ion: 64 Resp: 774145

Ion Ratio Lower Upper

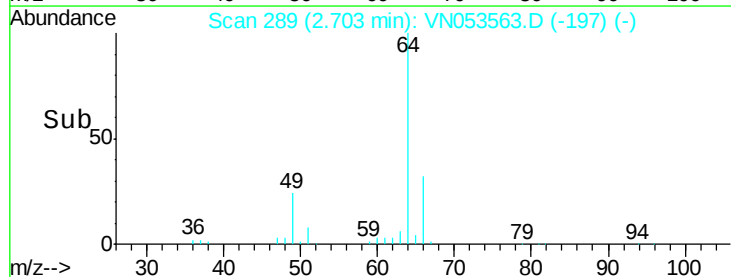
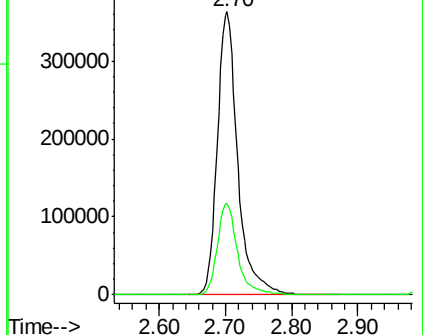
64 100

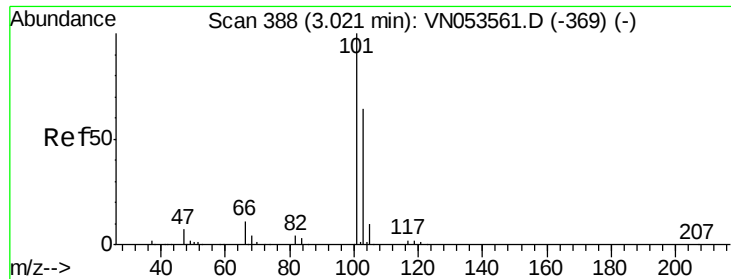
66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

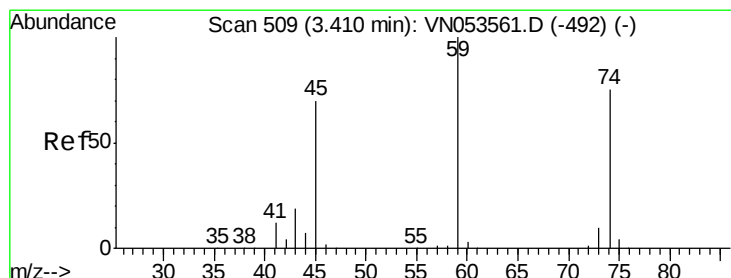
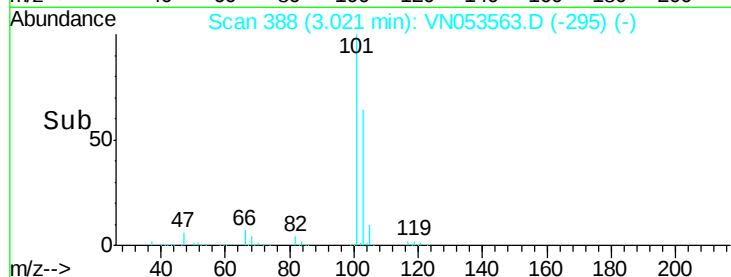
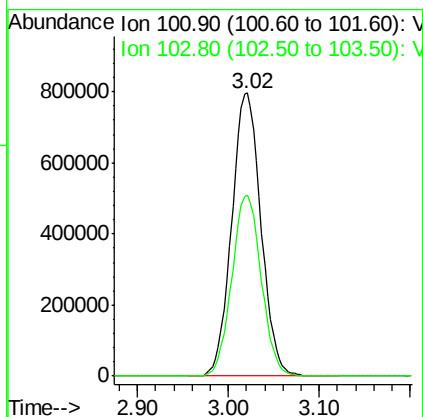
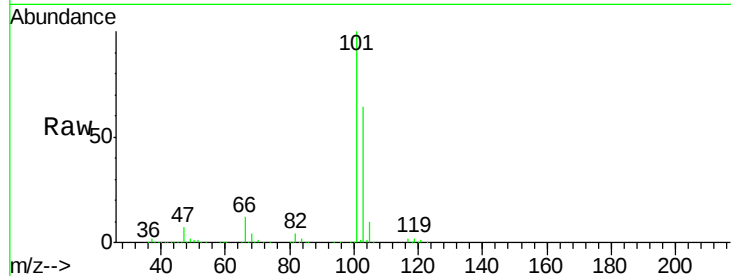
Trichlorofluoromethane
Concen: 147.214 ug/l
RT: 3.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 1776329
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

Manual Integrations
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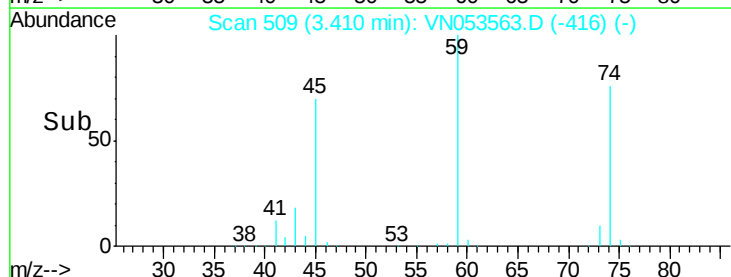
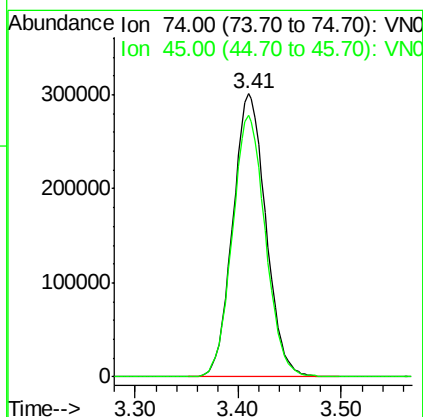
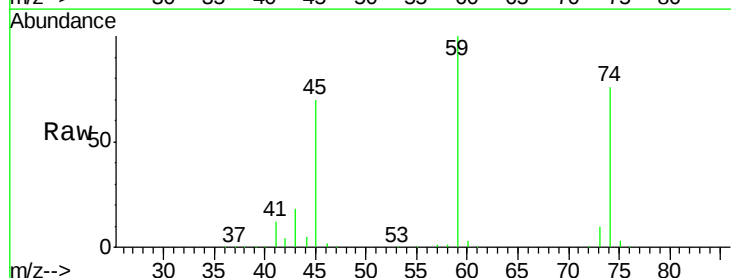
MMDadoda
2/1/2019 9:18:34 AM

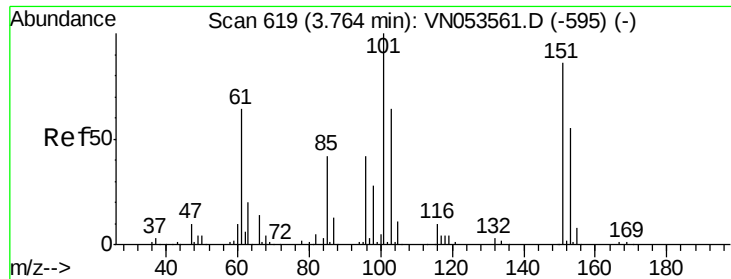


#8

Diethyl Ether
Concen: 153.225 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 74 Resp: 670720
Ion Ratio Lower Upper
74 100
45 92.3 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.449 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:101 Resp: 1081275

Ion Ratio Lower Upper

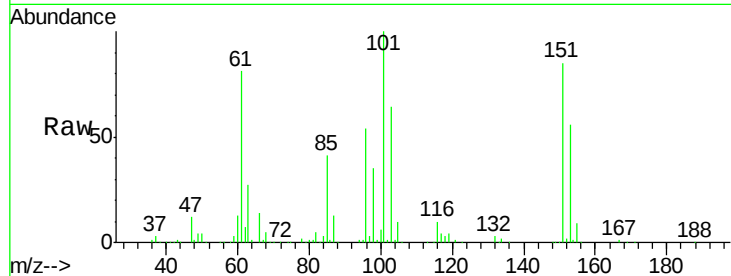
101 100

85 41.2 32.8 49.2

151 85.8 66.9 100.3

Manual Integrations
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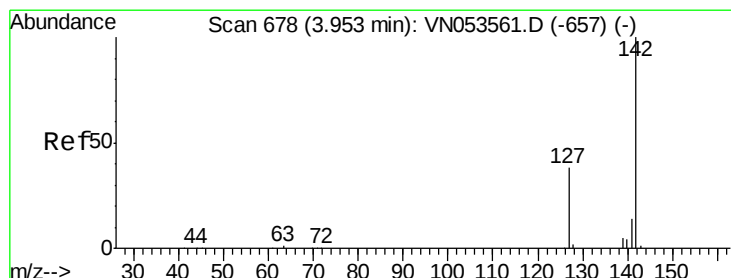
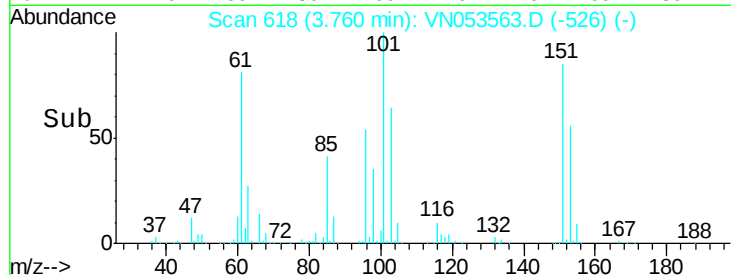
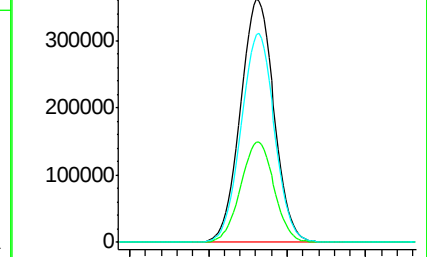
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 160.340 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

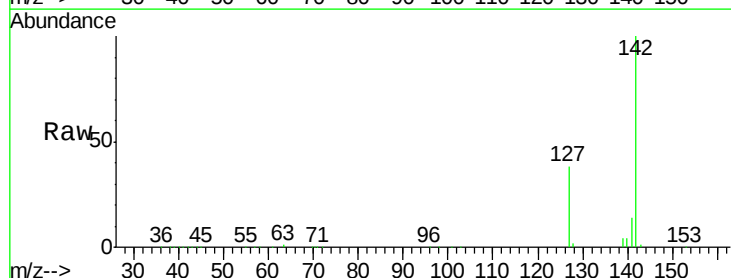
Tgt Ion:142 Resp: 1846763

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.4

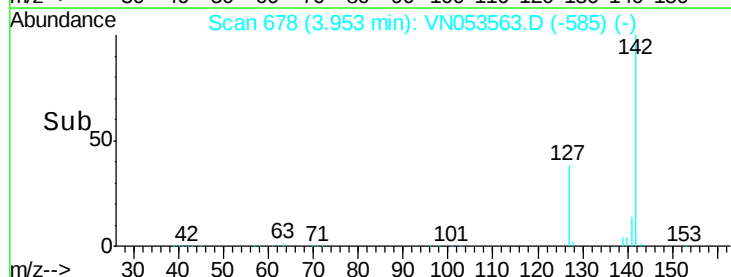
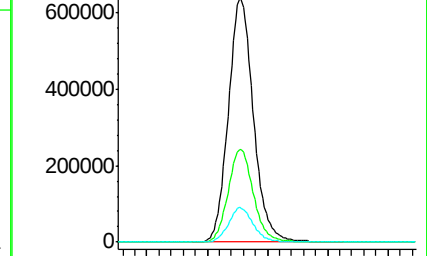
141 13.9 11.1 16.7

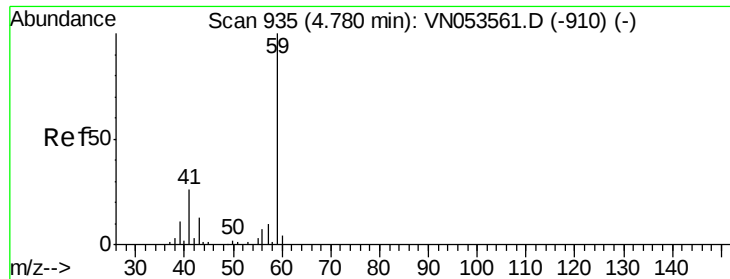


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





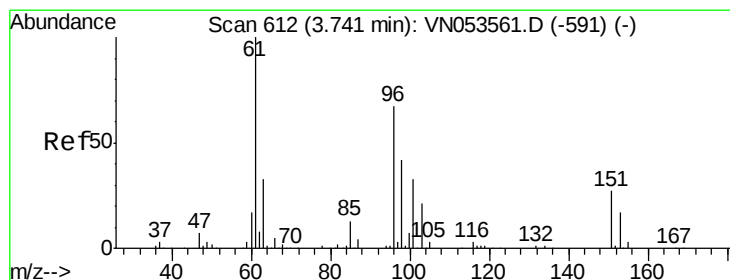
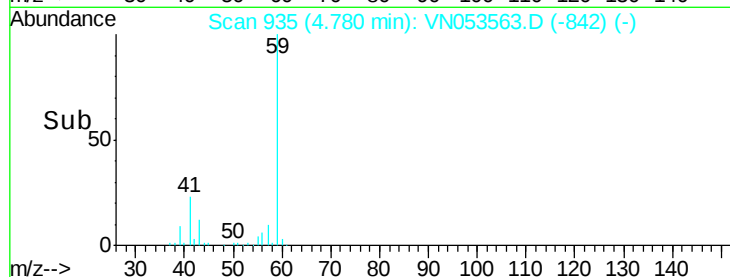
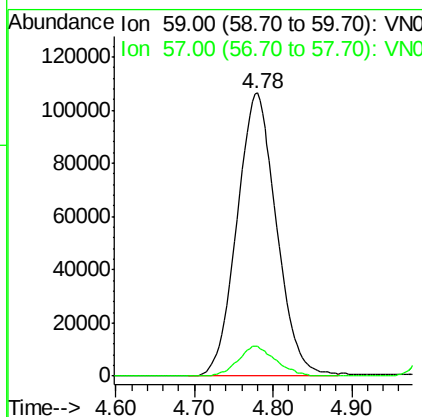
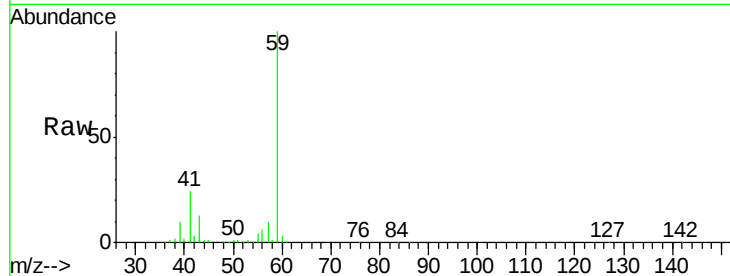
#11
Tert butyl alcohol
Concen: 841.086 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 375242
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

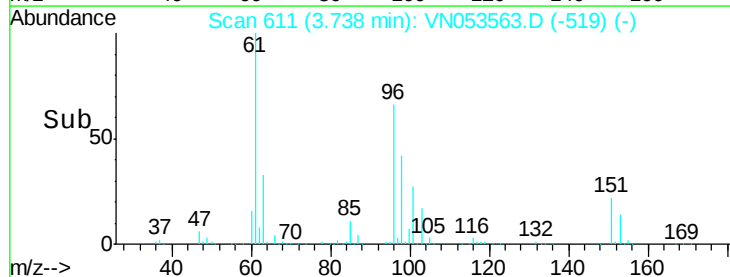
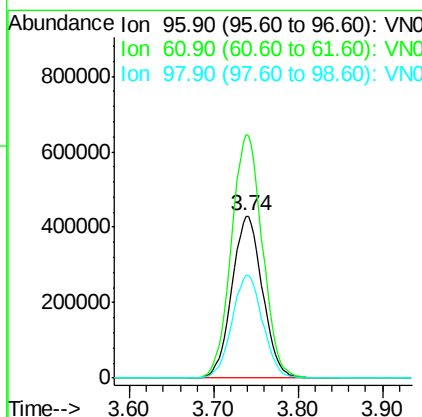
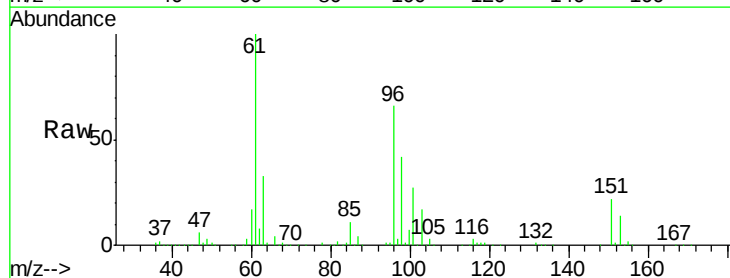
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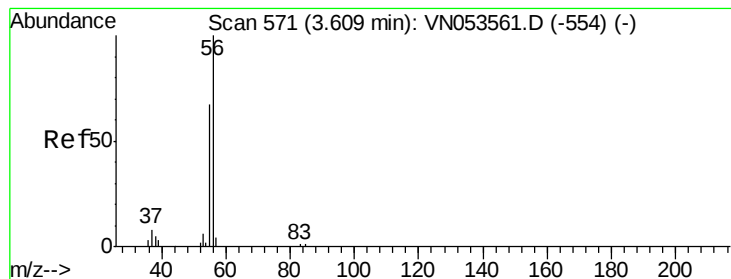
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#12
1,1-Dichloroethene
Concen: 152.912 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 96 Resp: 1086370
Ion Ratio Lower Upper
96 100
61 150.5 122.9 184.3
98 63.6 49.4 74.0





#13

Acrolein

Concen: 1935.514 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 365892

Ion Ratio Lower Upper

56 100

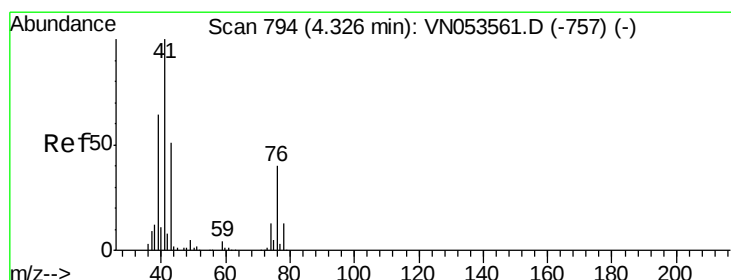
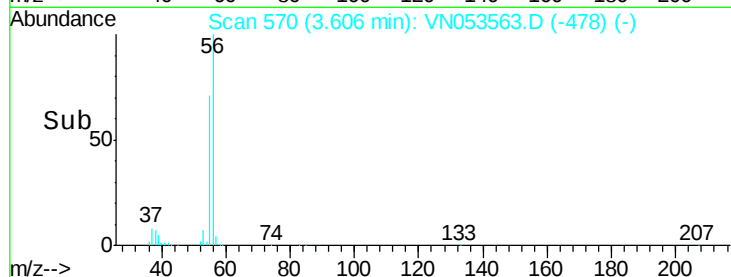
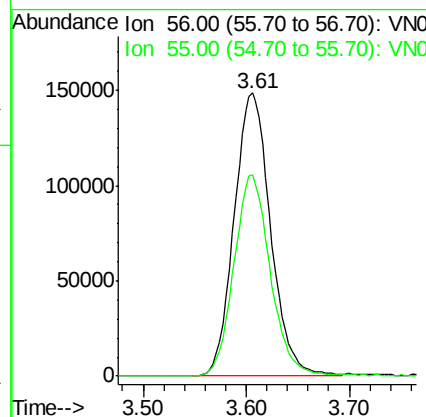
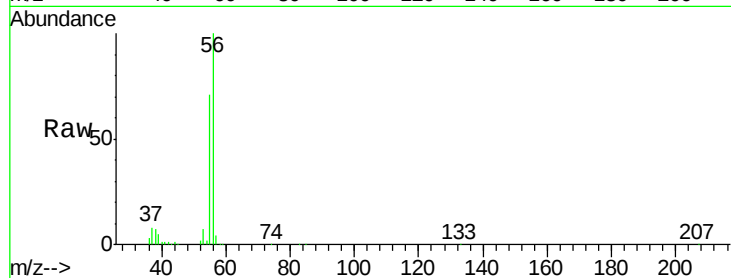
55 70.6 57.4 86.0

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#14

Allyl chloride

Concen: 157.428 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

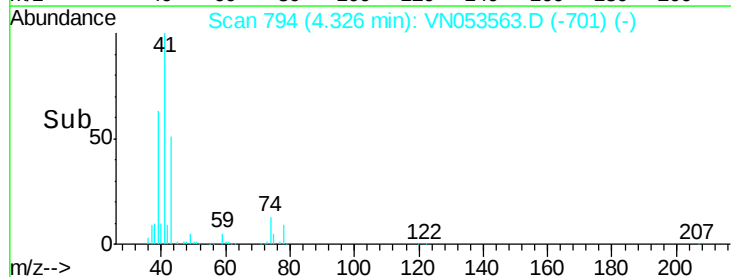
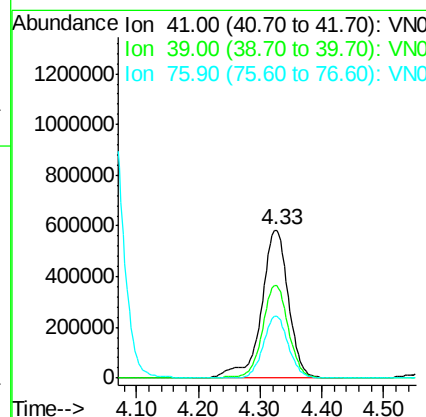
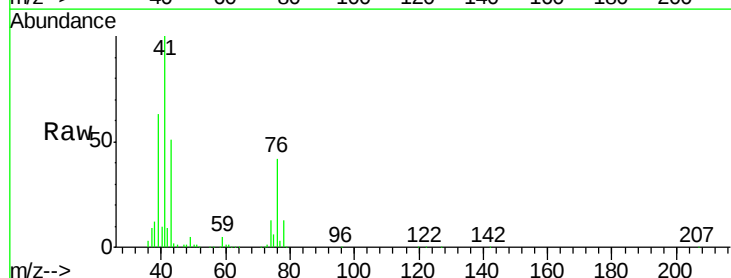
Tgt Ion: 41 Resp: 1771949

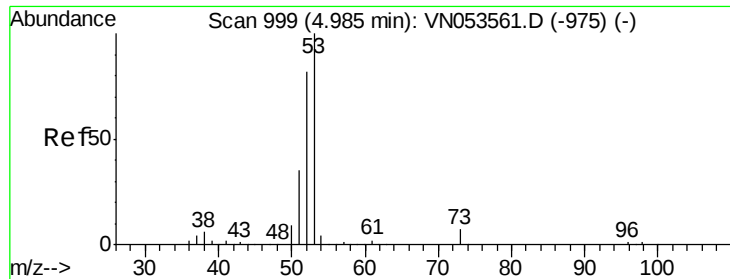
Ion Ratio Lower Upper

41 100

39 60.3 48.9 73.3

76 38.2 29.4 44.2





#15

Acrylonitrile

Concen: 807.977 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 1967916

Ion Ratio Lower Upper

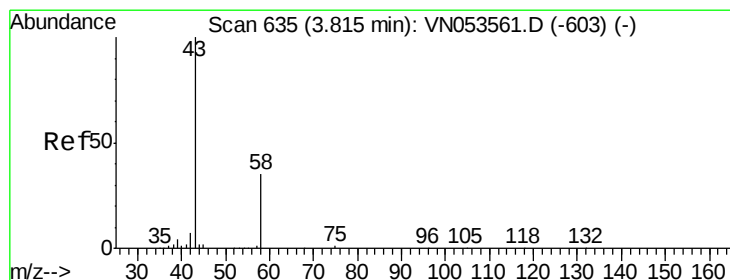
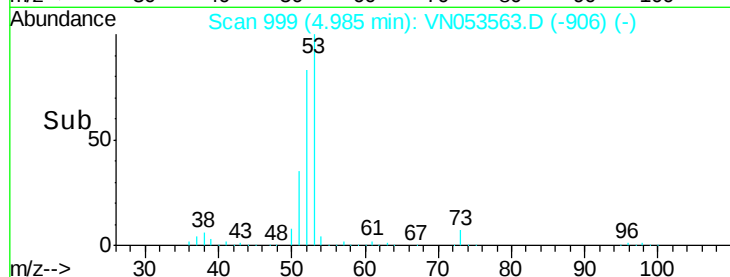
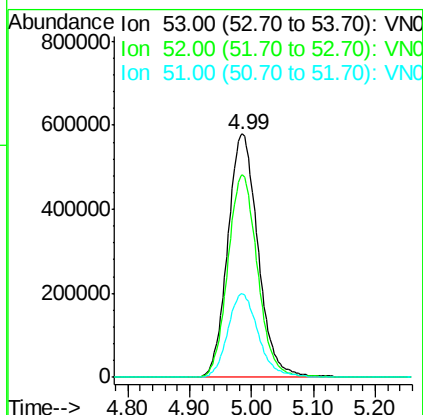
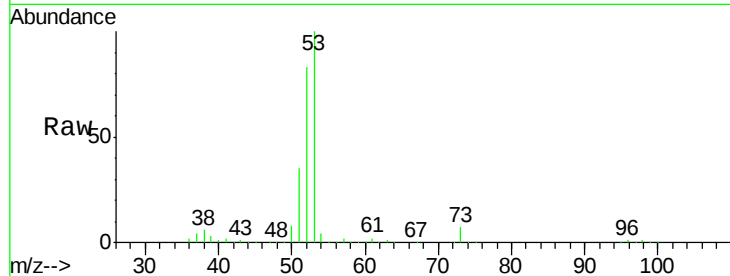
53 100

52 81.6 66.0 99.0

51 35.0 28.3 42.5

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#16

Acetone

Concen: 702.764 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053563.D

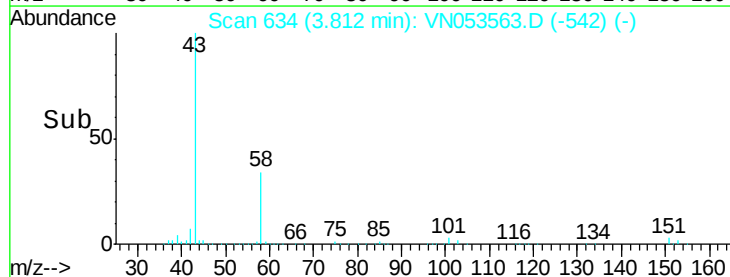
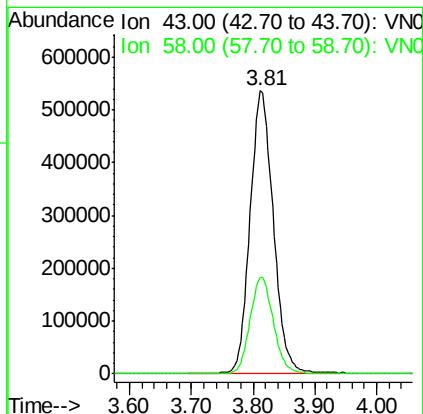
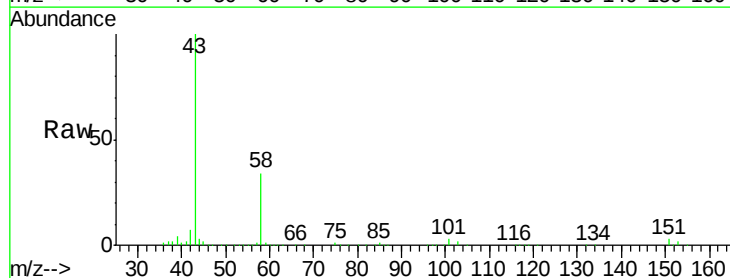
Acq: 30 Jan 2019 11:06

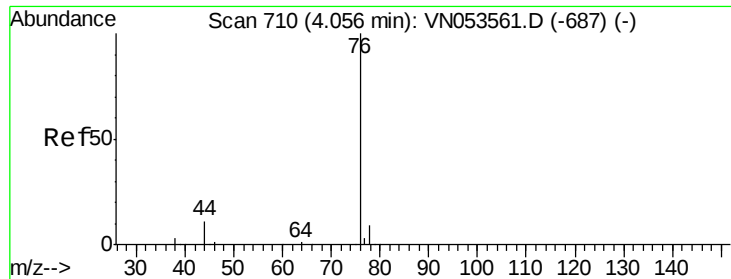
Tgt Ion: 43 Resp: 1406646

Ion Ratio Lower Upper

43 100

58 34.0 27.1 40.7





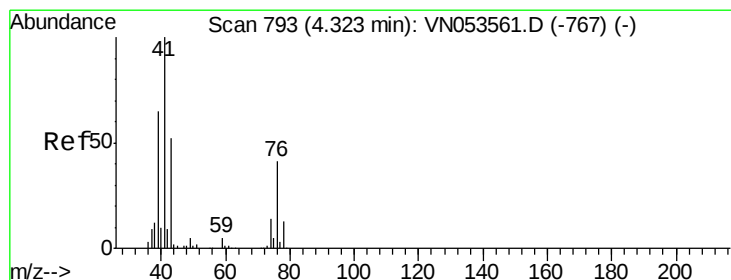
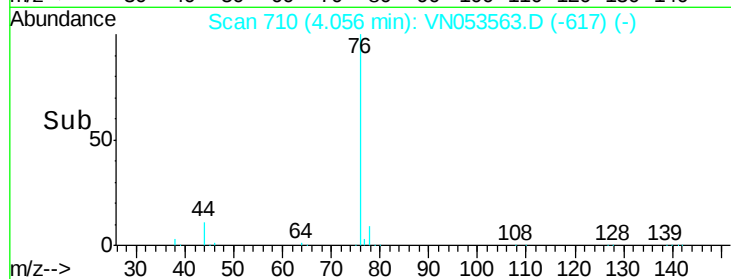
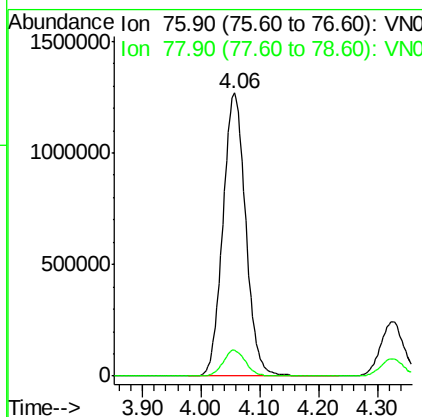
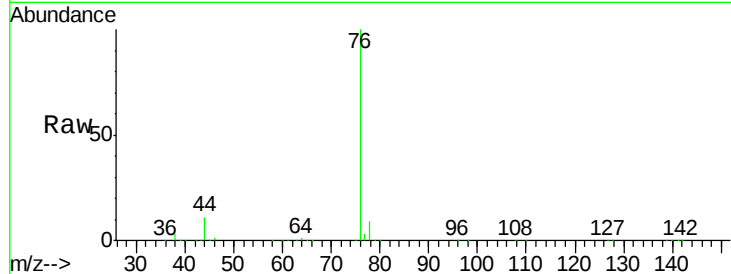
#17
Carbon Disulfide
Concen: 154.417 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 76 Resp: 3410340
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

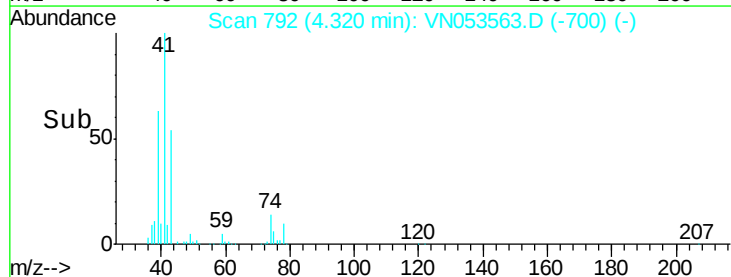
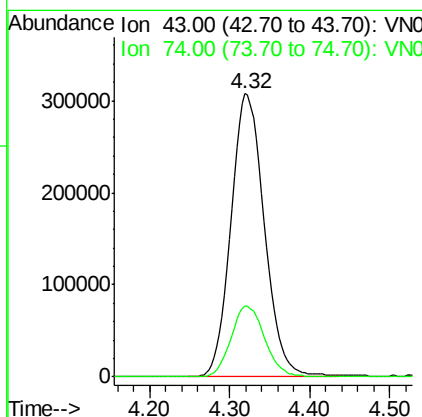
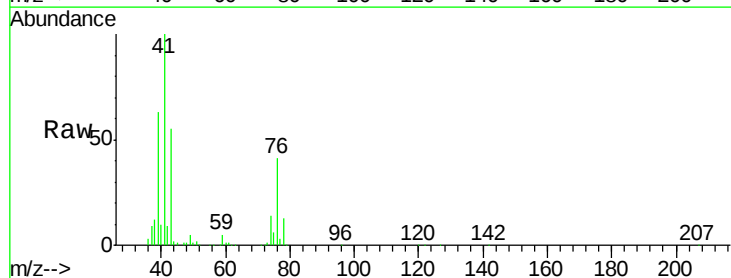
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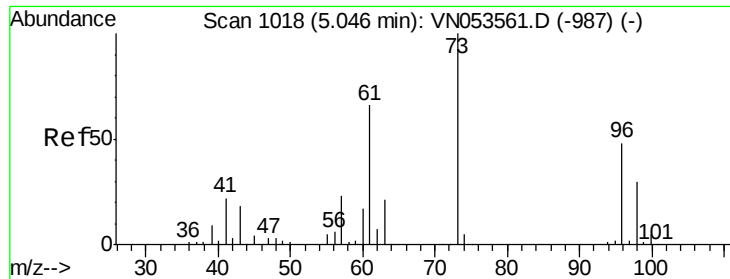
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#18
Methyl Acetate
Concen: 147.163 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 43 Resp: 865920
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.2





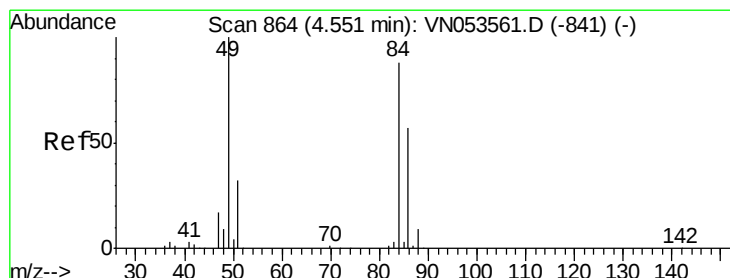
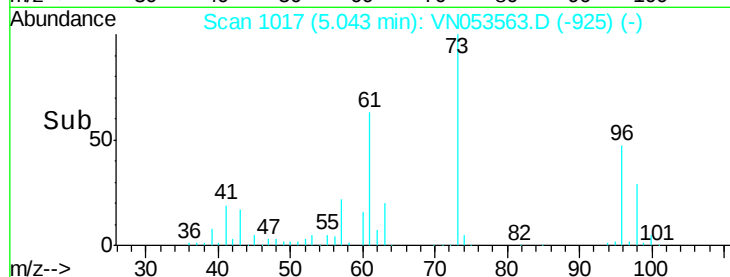
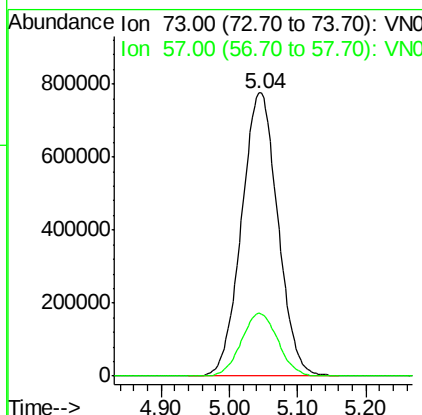
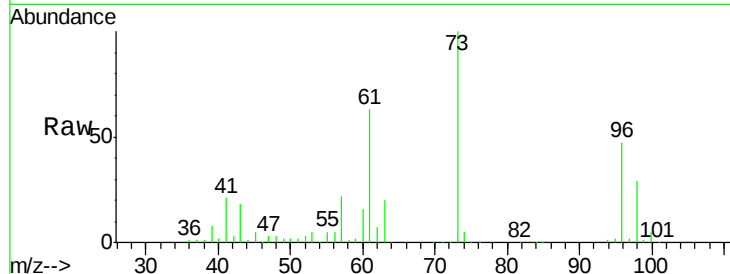
#19
Methyl tert-butyl Ether
Concen: 160.394 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 73 Resp: 2865012
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5

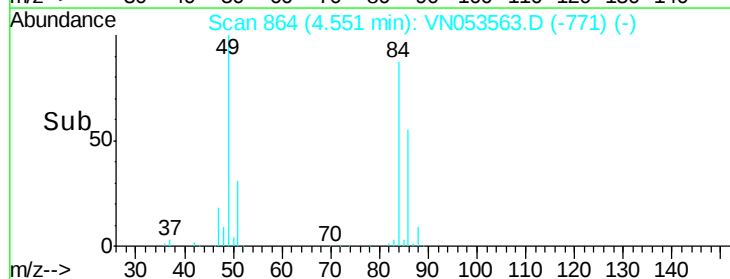
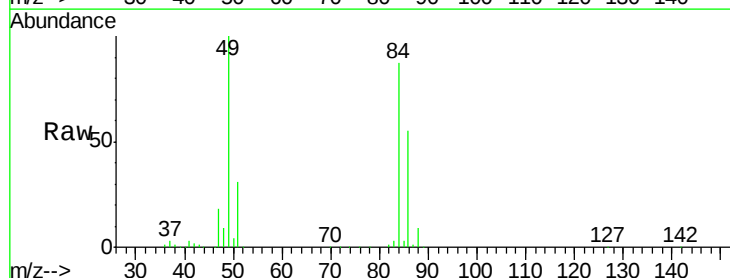
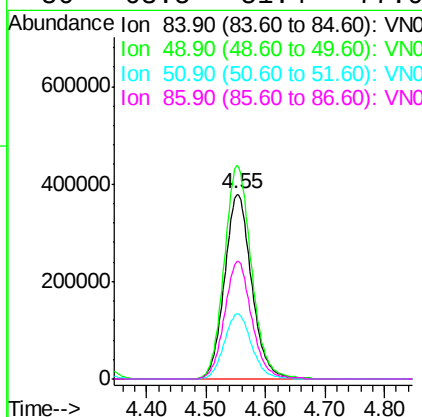
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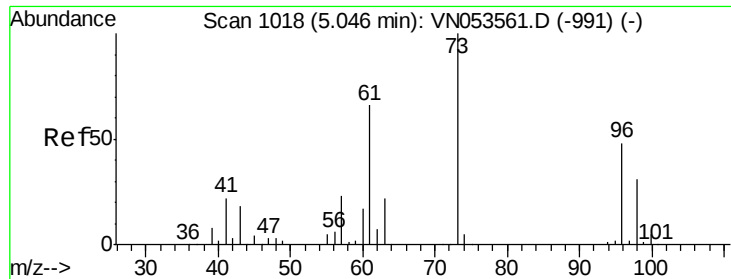
MMDadoda
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#20
Methylene Chloride
Concen: 142.835 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 84 Resp: 1196386
Ion Ratio Lower Upper
84 100
49 115.5 94.3 141.5
51 35.3 29.4 44.2
86 63.5 51.4 77.0





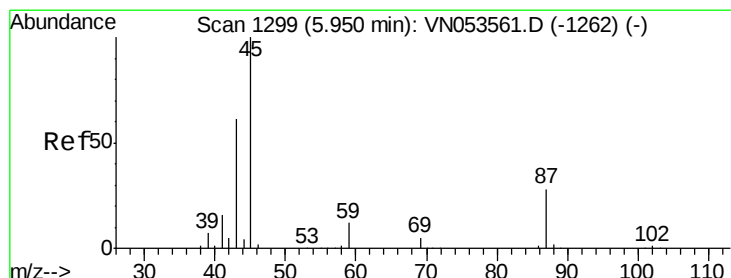
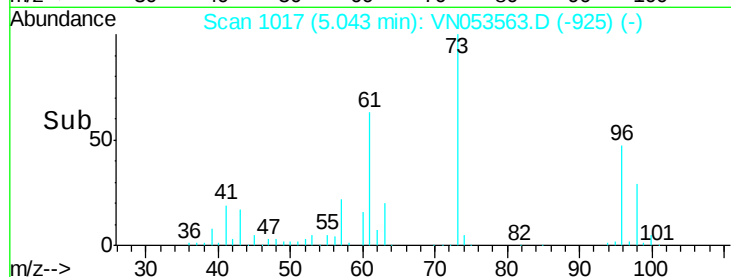
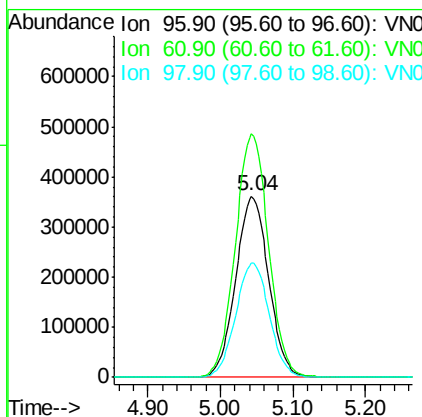
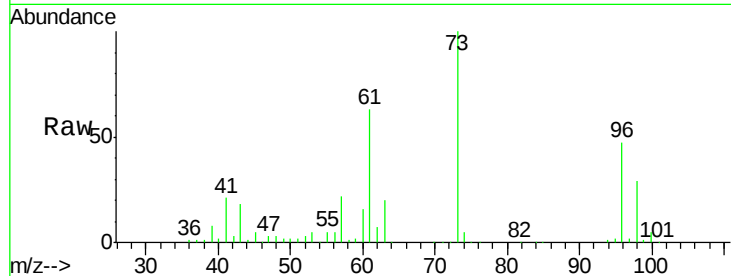
#21
trans-1,2-Dichloroethene
Concen: 148.568 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 1144254
Ion Ratio Lower Upper
96 100
61 134.3 110.1 165.1
98 63.1 50.0 75.0

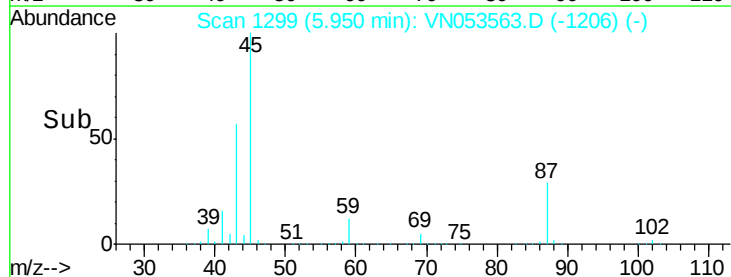
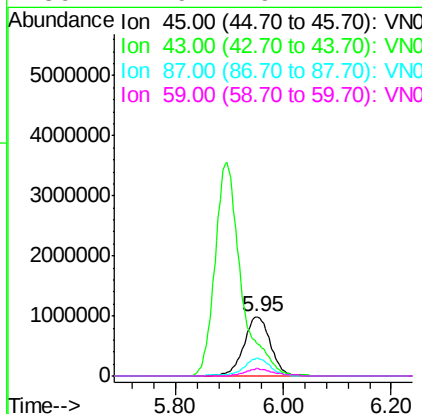
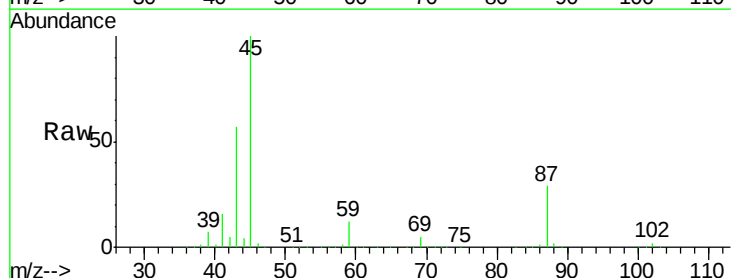
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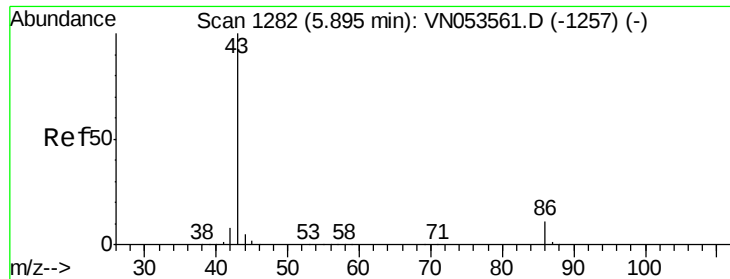
MMDadoda
2/1/2019 9:18:34 AM



#22
Diisopropyl ether
Concen: 164.739 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 45 Resp: 3408307
Ion Ratio Lower Upper
45 100
43 56.7 44.2 66.4
87 29.2 22.7 34.1
59 11.9 9.4 14.2





#23

Vinyl Acetate

Concen: 842.473 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp:12008523

Ion Ratio Lower Upper

43 100

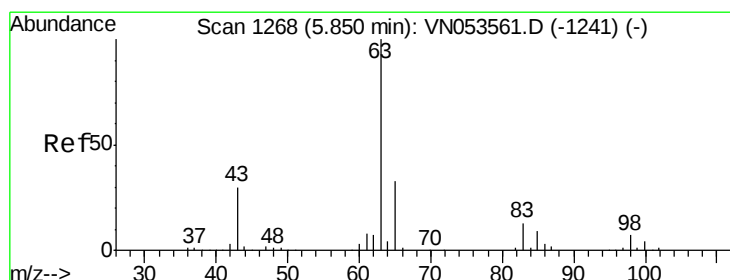
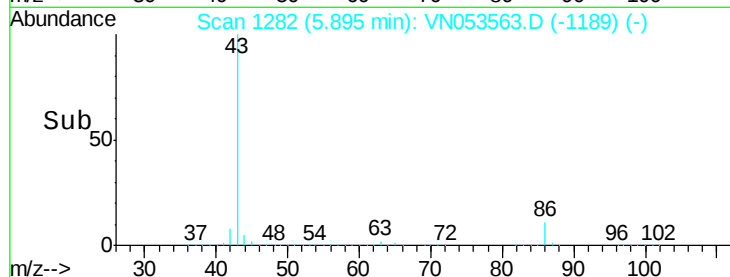
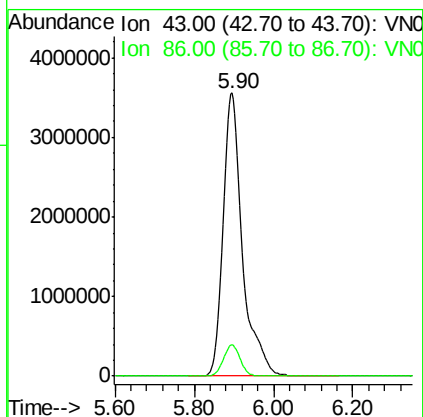
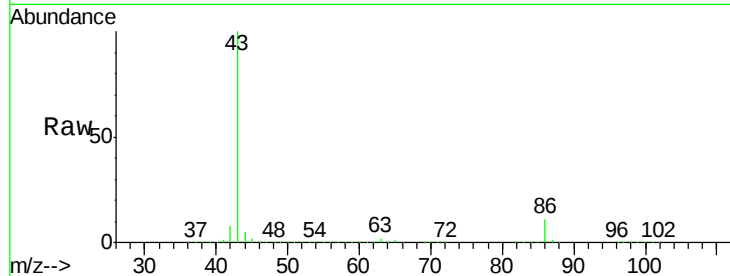
86 11.0 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 147.357 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

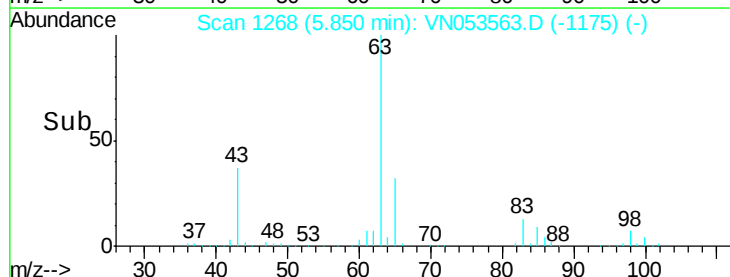
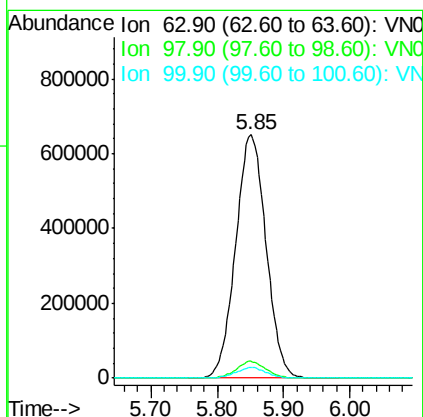
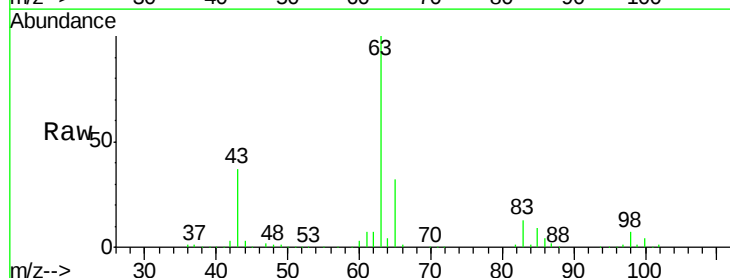
Tgt Ion: 63 Resp: 2072827

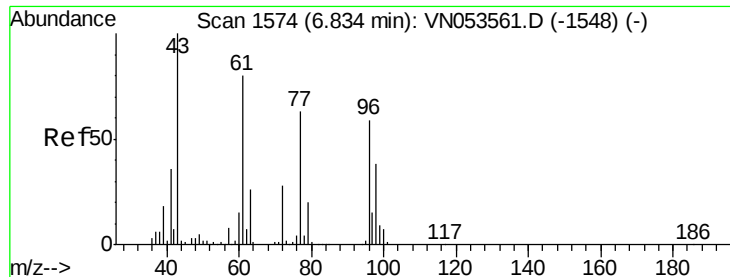
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 786.173 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tgt Ion: 43 Resp: 2203029

Ion Ratio Lower Upper

43 100

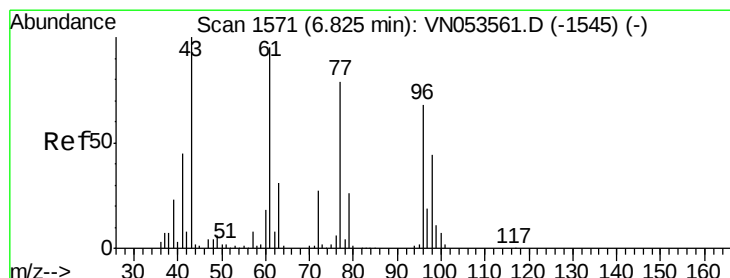
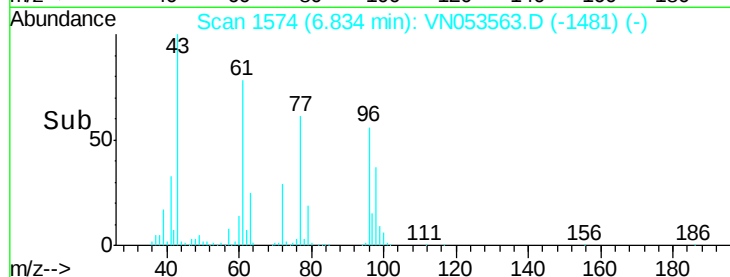
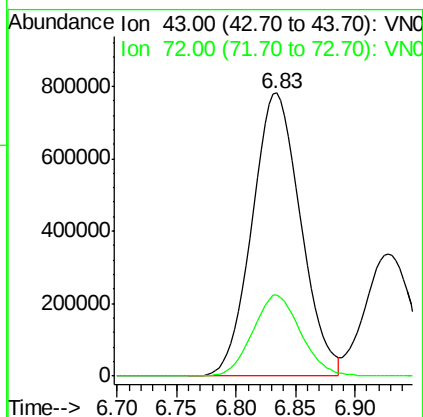
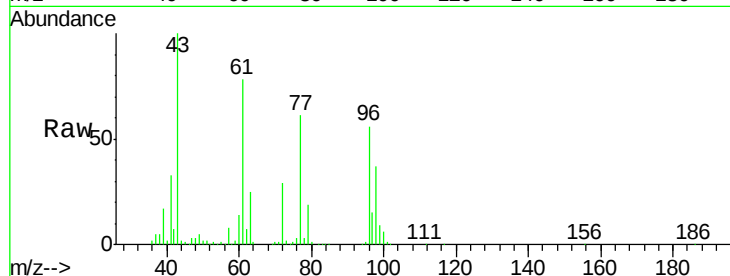
72 28.8 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 151.156 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053563.D

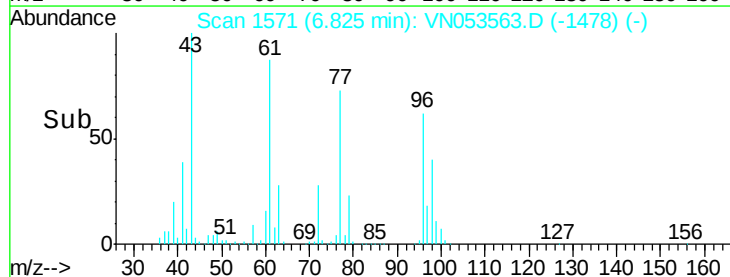
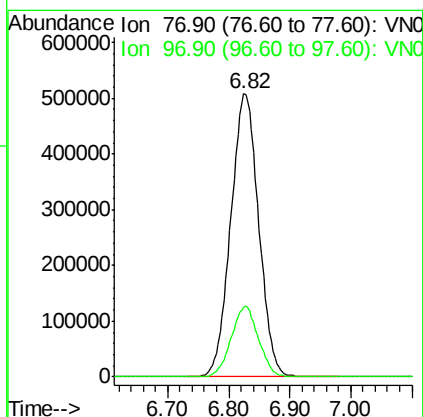
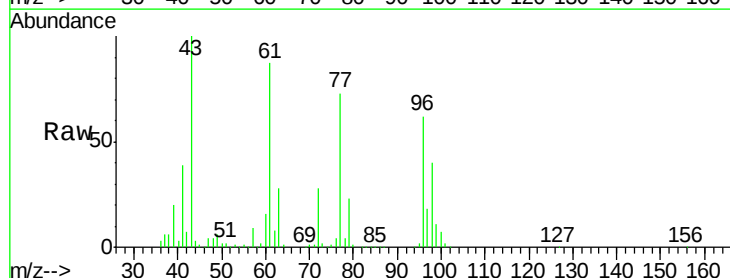
Acq: 30 Jan 2019 11:06

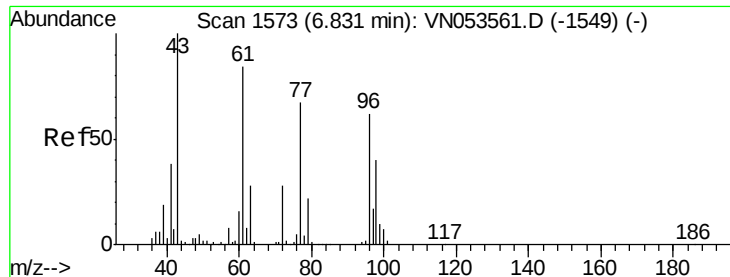
Tgt Ion: 77 Resp: 1616275

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 152.519 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tgt Ion: 96 Resp: 1300487

Ion Ratio Lower Upper

96 100

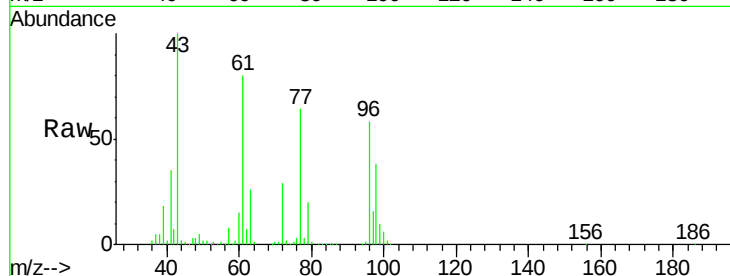
61 140.4 0.0 283.8

98 64.8 0.0 129.2

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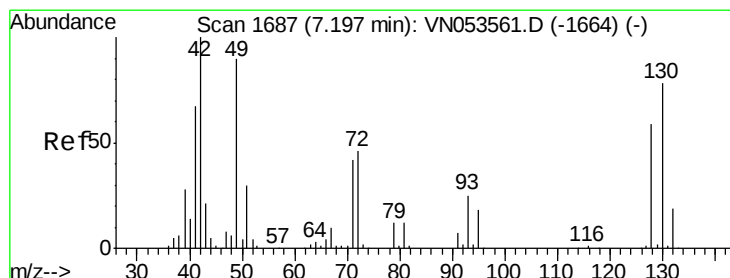
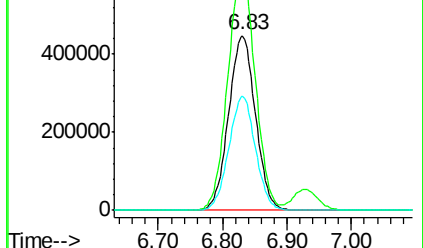
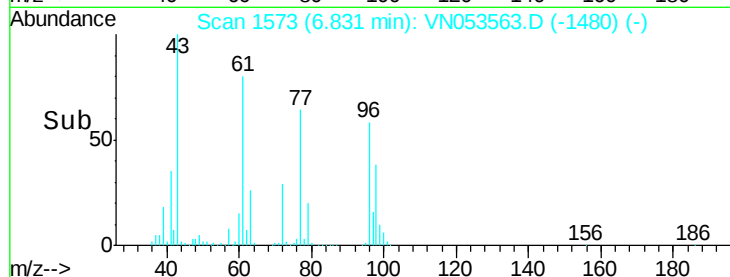


Abundance Ion 95.90 (95.60 to 96.60): VN053563.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN053563.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN053563.D (-1480) (-)

Time-->



#28

Bromochloromethane

Concen: 144.740 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

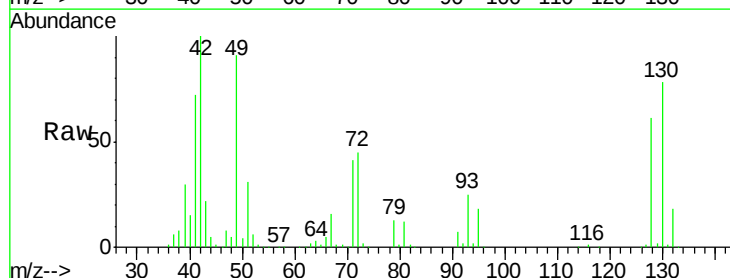
Tgt Ion: 49 Resp: 886132

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 85.9 66.3 99.5

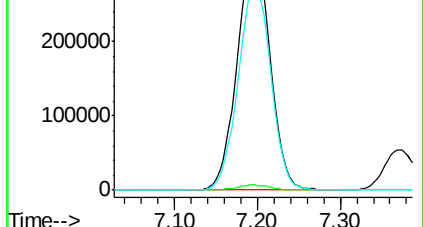
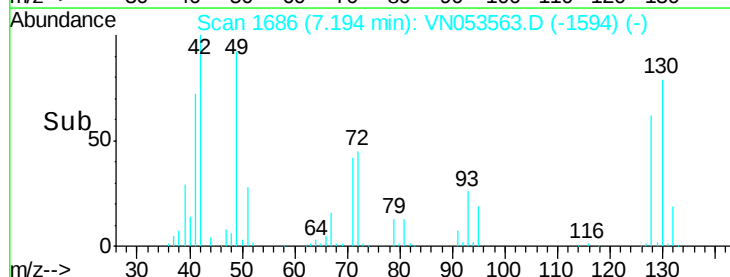


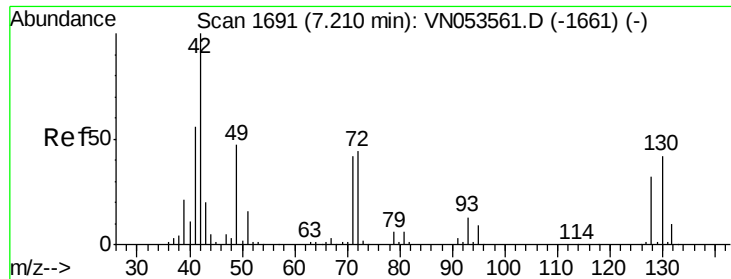
Abundance Ion 48.90 (48.60 to 49.60): VN053563.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN053563.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN053563.D (-1594) (-)

Time-->





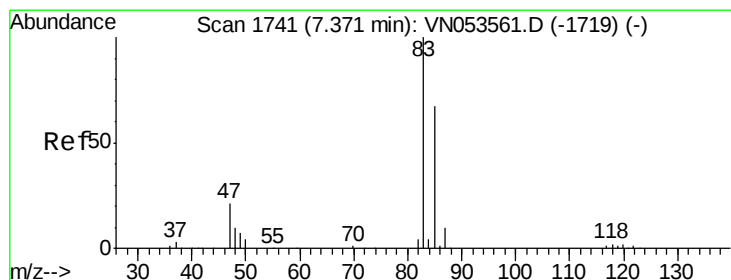
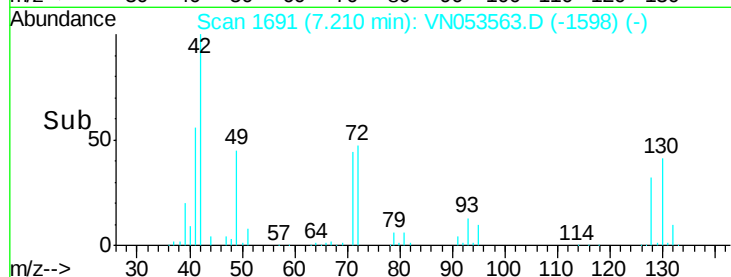
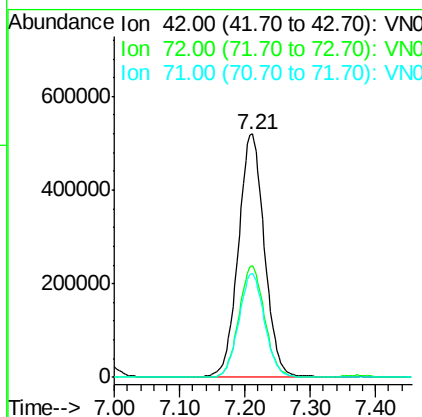
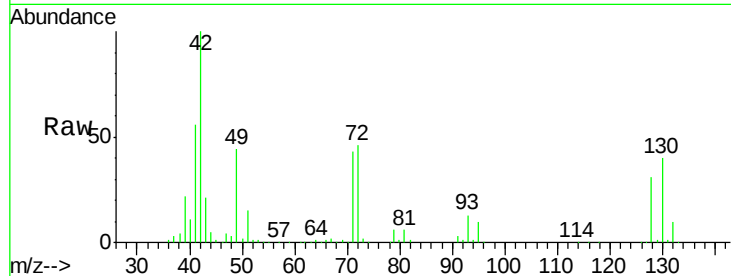
#29
Tetrahydrofuran
Concen: 804.481 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 1441755
Ion Ratio Lower Upper
42 100
72 44.9 35.2 52.8
71 42.0 33.0 49.4

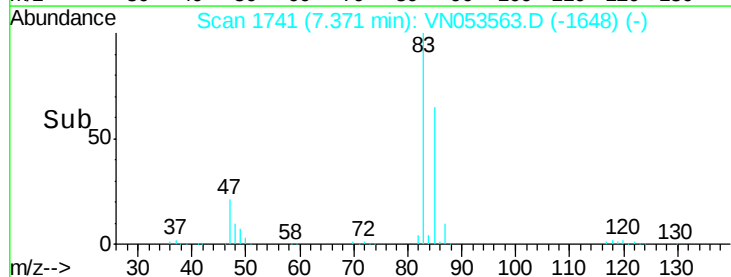
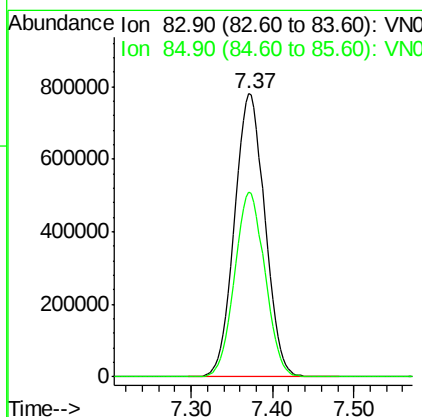
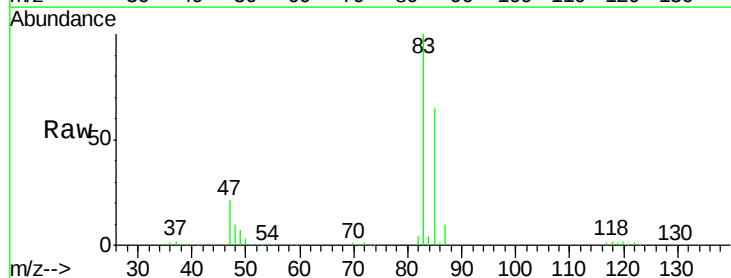
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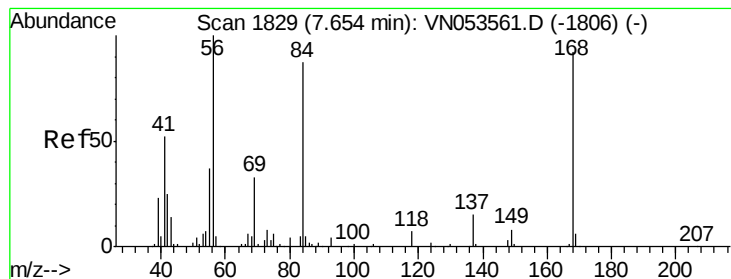
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#30
Chloroform
Concen: 144.593 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 83 Resp: 2022481
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.2





#31

Cyclohexane

Concen: 130.612 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

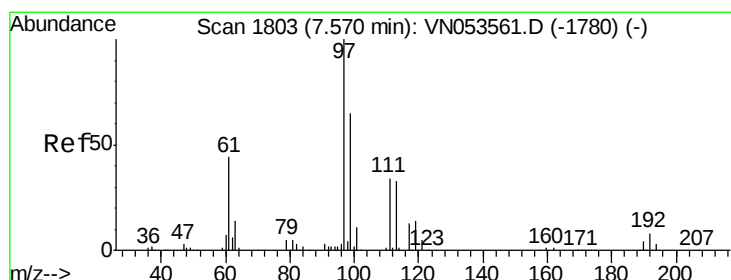
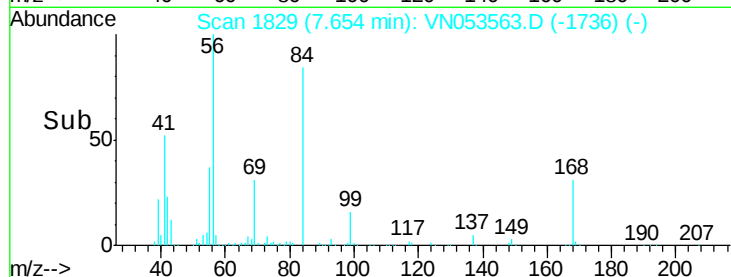
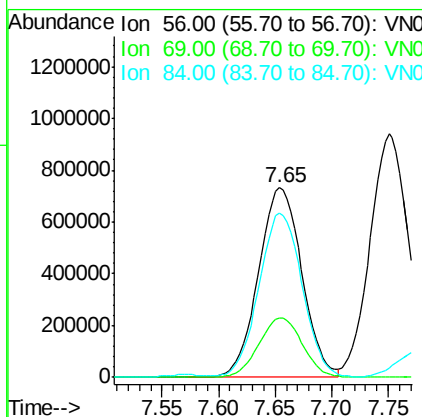
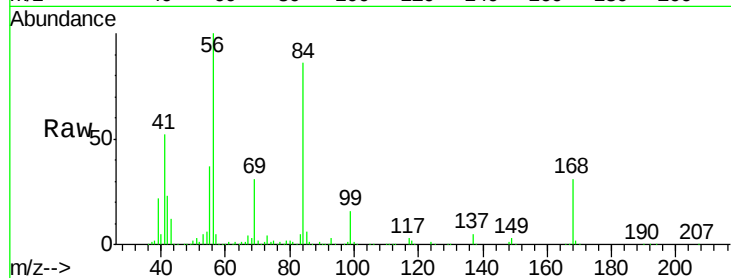
ClientSampled :

VSTDIC150

Tgt Ion:	56	Resp:	1950121
Ion	Ratio	Lower	Upper
56	100		
69	31.4	26.4	39.6
84	85.1	67.9	101.9

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#32

1,1,1-Trichloroethane

Concen: 153.370 ug/l

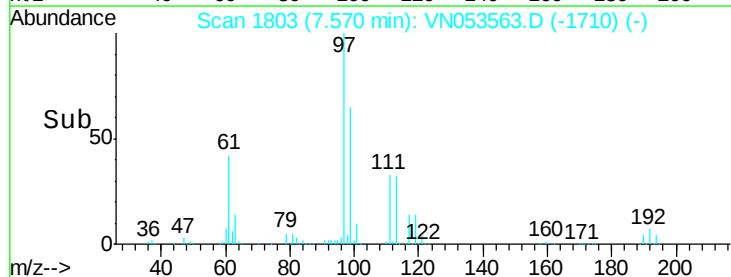
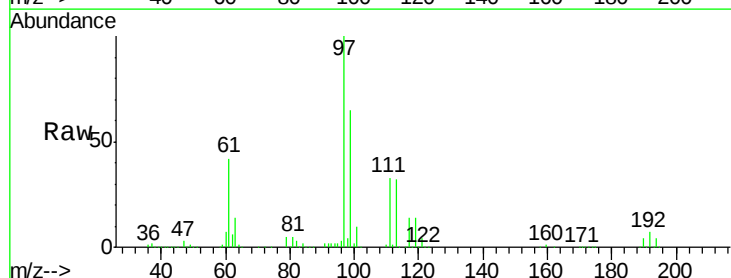
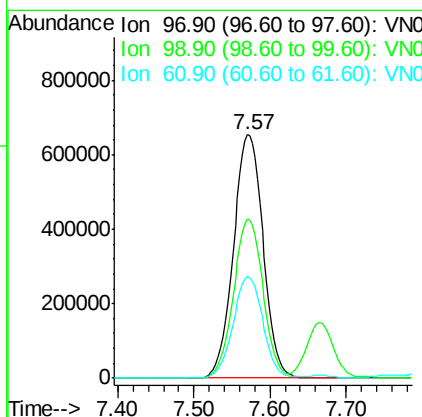
RT: 7.57 min Scan# 1803

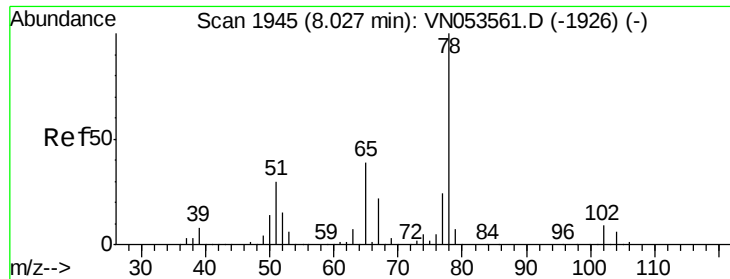
Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Tgt Ion:	97	Resp:	1767947
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	41.7	34.4	51.6





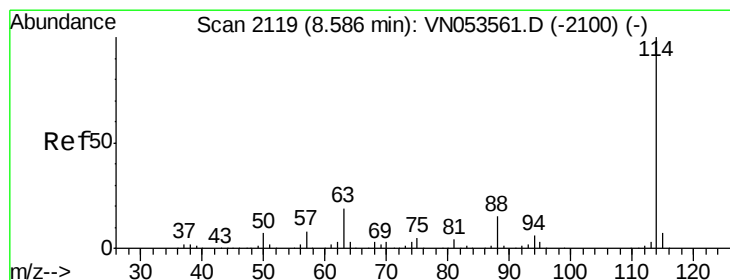
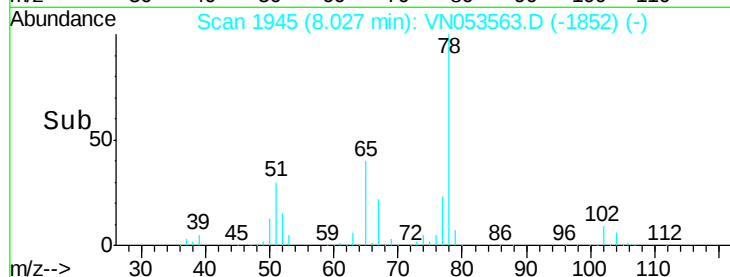
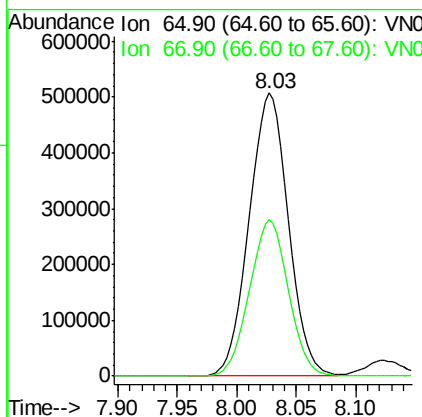
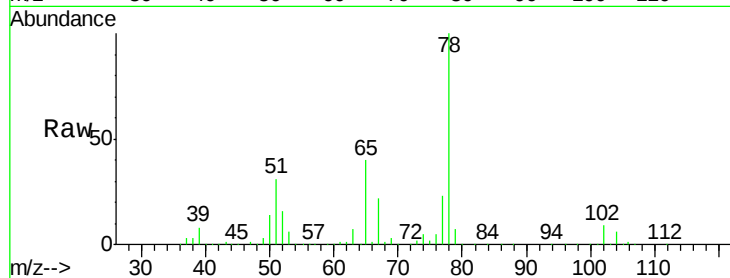
#33
 1,2-Dichloroethane-d4
 Concen: 150.295 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 65 Resp: 1160045
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.2

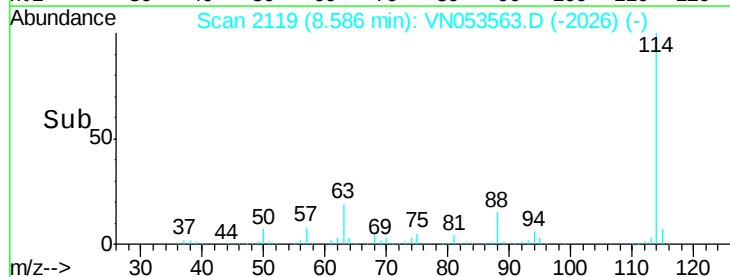
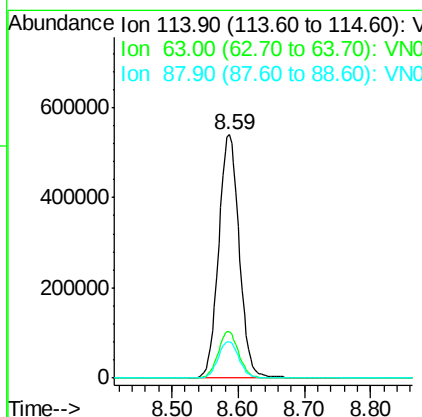
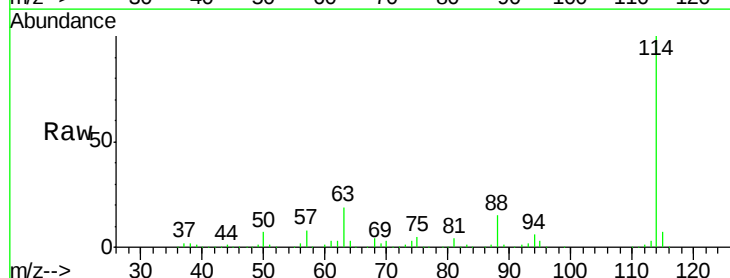
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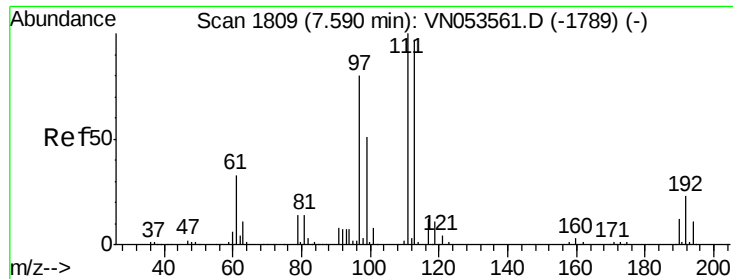
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion: 114 Resp: 1158732
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.0 0.0 30.4





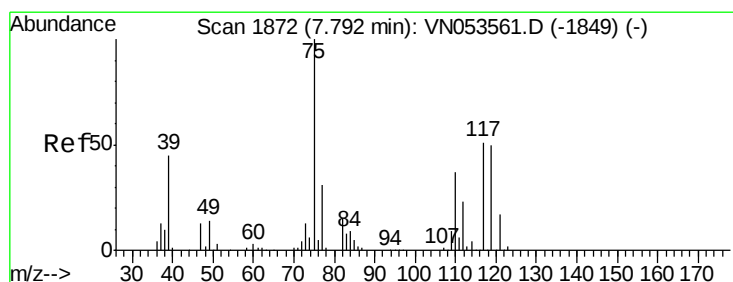
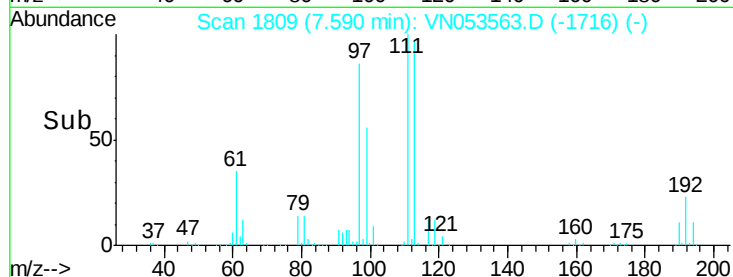
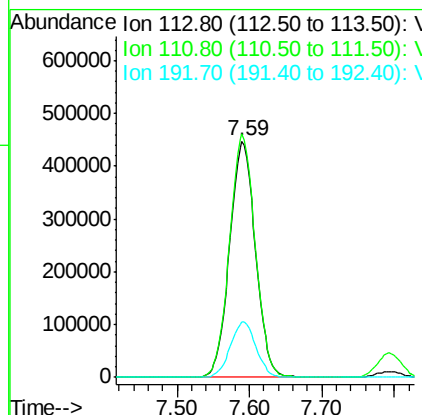
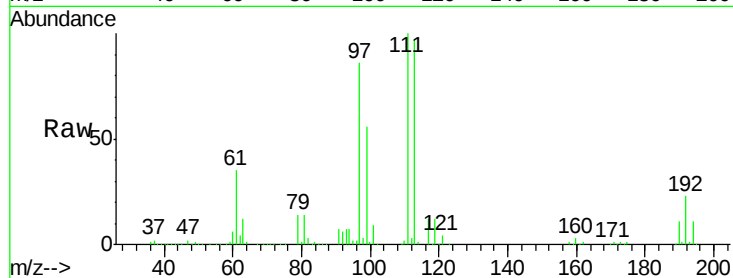
#35
 Dibromofluoromethane
 Concen: 151.737 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 113 Resp: 1108403
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 23.3 18.2 27.2

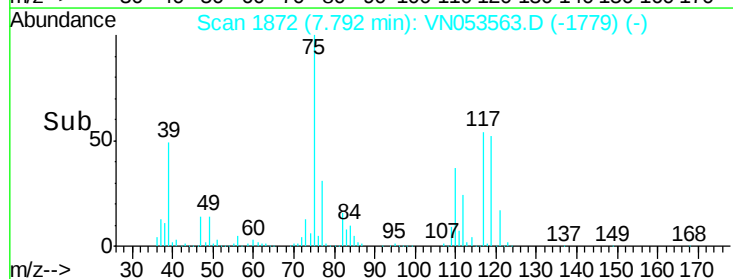
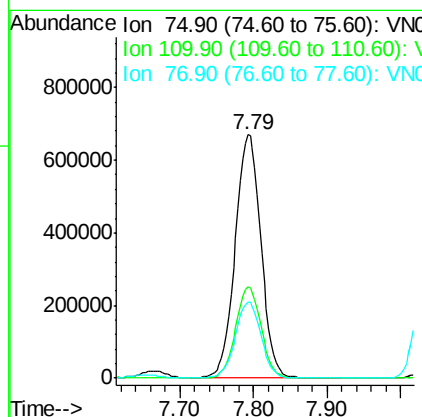
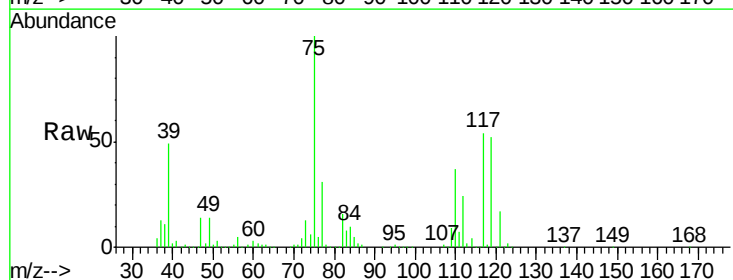
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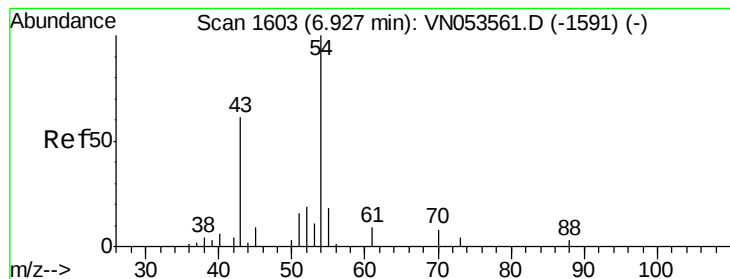
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 2/1/2019 9:18:34 AM



#36
 1,1-Dichloropropene
 Concen: 157.021 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion: 75 Resp: 1627428
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.3
 77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 166.166 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

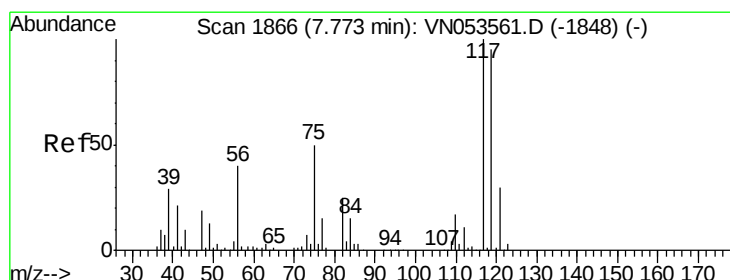
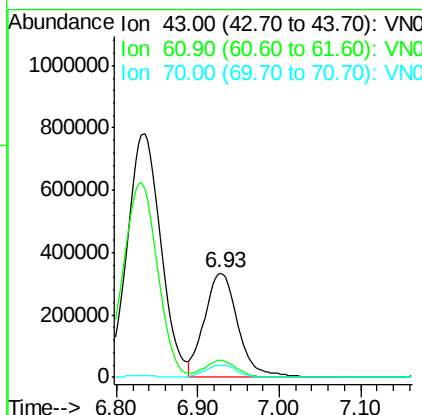
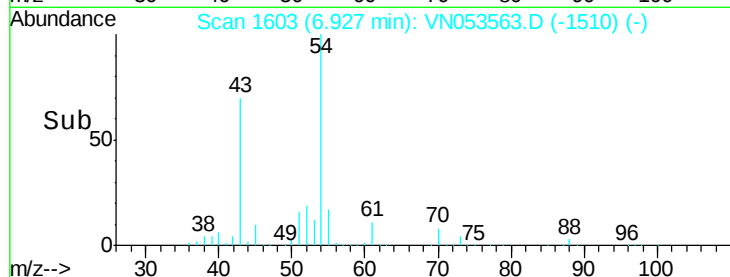
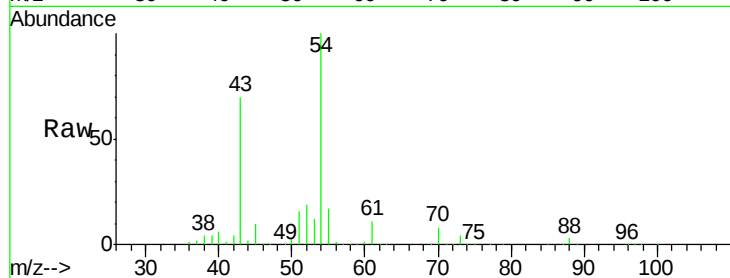
ClientSampleId :

VSTDIC150

Tgt Ion:	43	Resp:	952262
Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.8	17.6
70	11.2	8.6	12.8

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#38

Carbon Tetrachloride

Concen: 151.547 ug/l

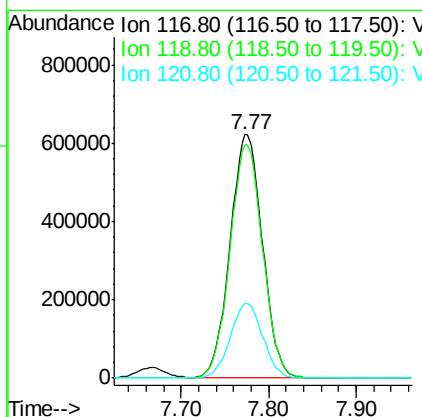
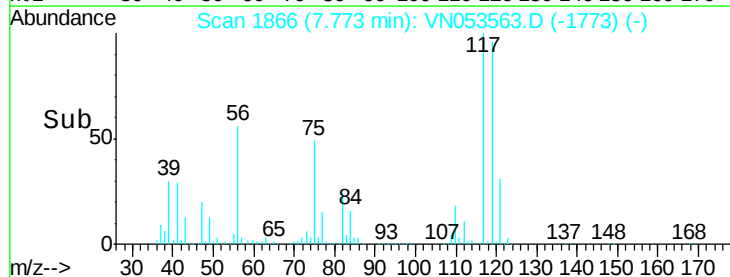
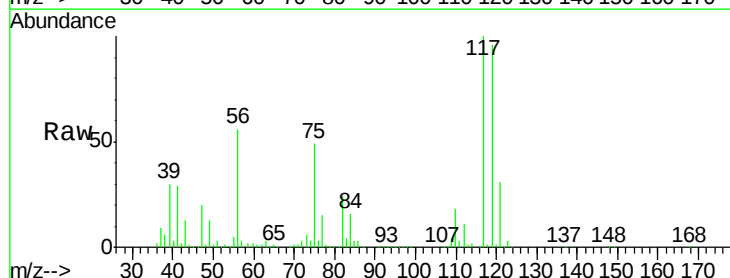
RT: 7.77 min Scan# 1866

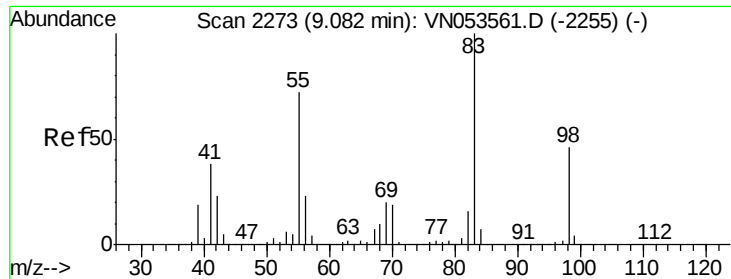
Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Tgt Ion:	117	Resp:	1591908
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.2	115.8
121	30.6	24.6	37.0





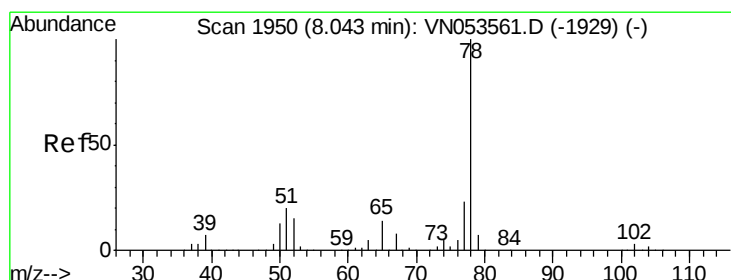
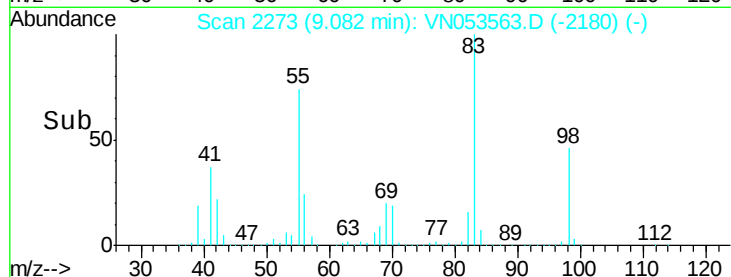
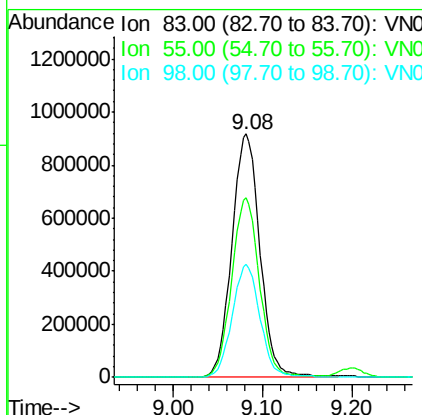
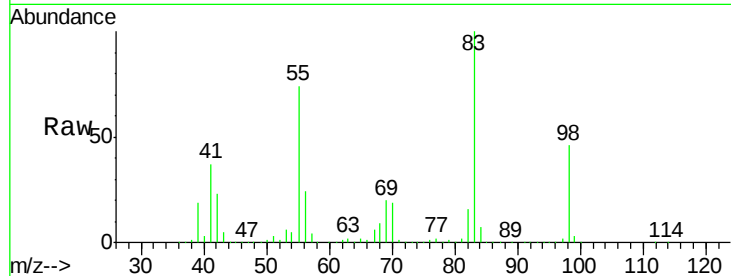
#39
Methylcyclohexane
Concen: 164.253 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 2003721
Ion Ratio Lower Upper
83 100
55 73.6 60.1 90.1
98 46.3 36.6 55.0

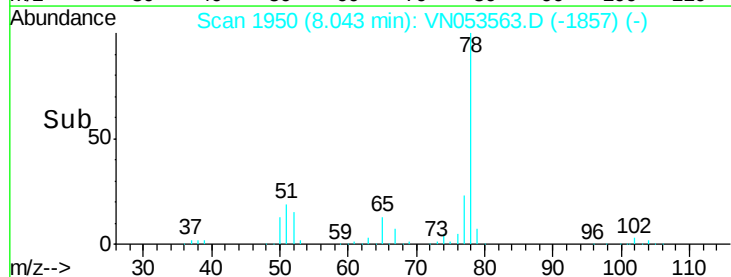
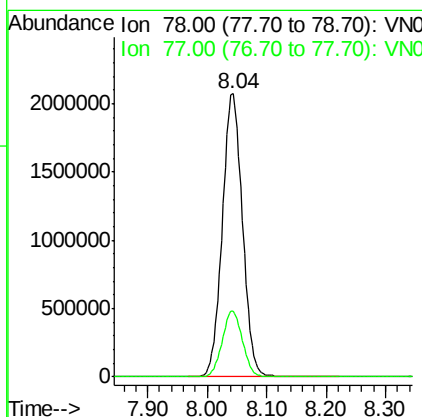
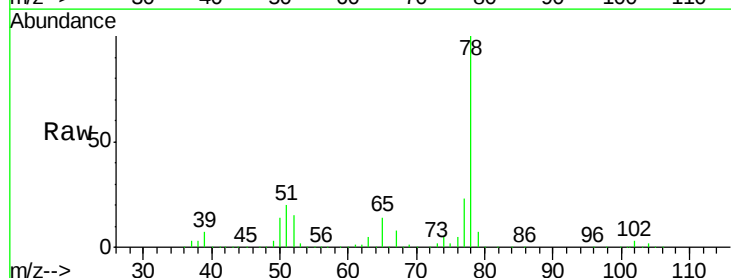
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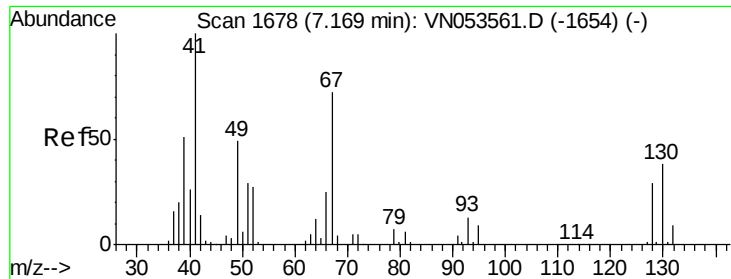
MMDadoda
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#40
Benzene
Concen: 151.287 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 78 Resp: 4866065
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41

Methacrylonitrile

Concen: 182.737 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tgt Ion: 41 Resp: 574894
Ion Ratio Lower Upper

41 100

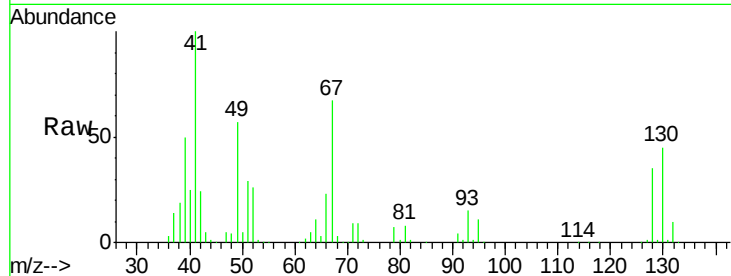
39 57.5 46.8 70.2

67 80.1 63.0 94.6

52 30.4 23.8 35.8

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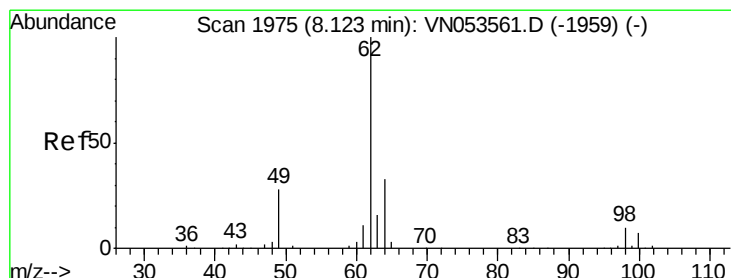
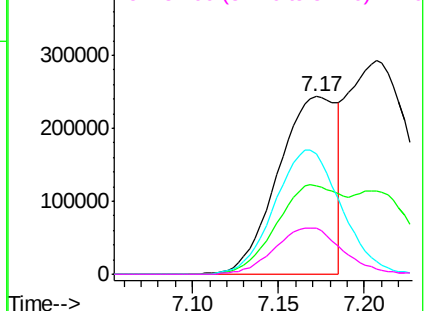
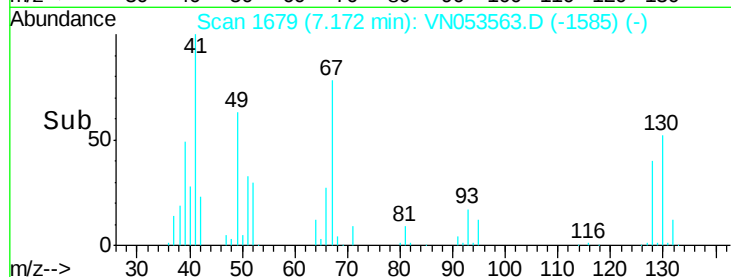


Abundance Ion 41.00 (40.70 to 41.70): VN053561.D (-1654) (-)

Ion 39.00 (38.70 to 39.70): VN053561.D (-1654) (-)

Ion 67.00 (66.70 to 67.70): VN053561.D (-1654) (-)

Ion 52.00 (51.70 to 52.70): VN053561.D (-1654) (-)



#42

1,2-Dichloroethane

Concen: 147.368 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

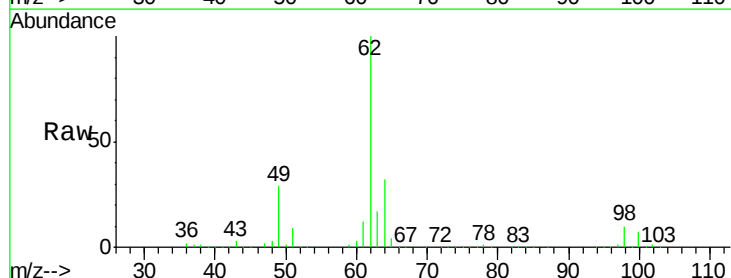
Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Tgt Ion: 62 Resp: 1413556
Ion Ratio Lower Upper

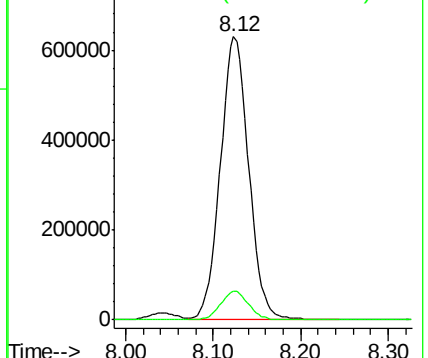
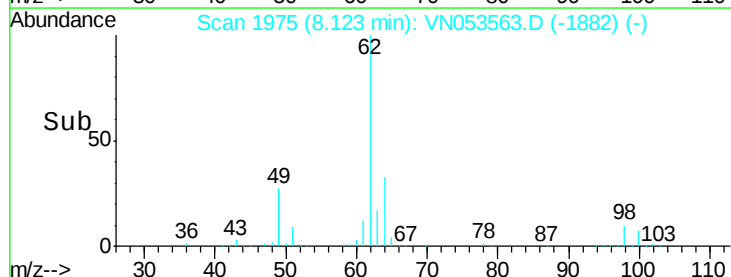
62 100

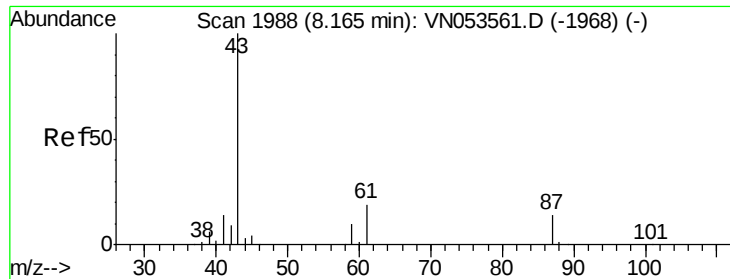
98 10.0 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN053561.D (-1959) (-)

Ion 97.90 (97.60 to 98.60): VN053561.D (-1959) (-)





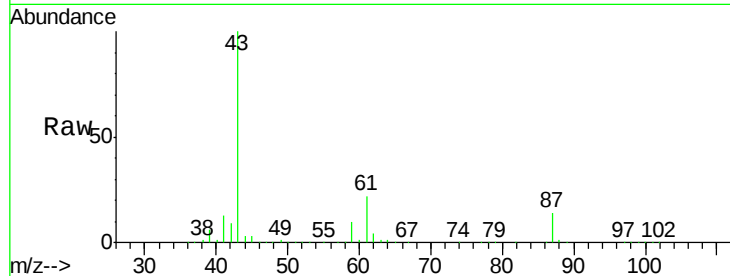
#43
Isopropyl Acetate
Concen: 155.130 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

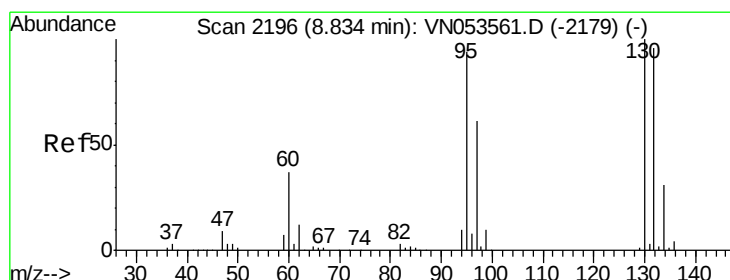
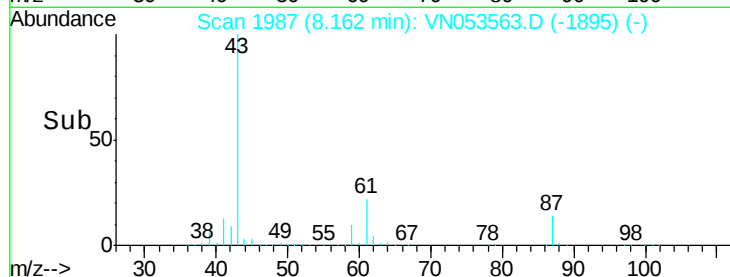
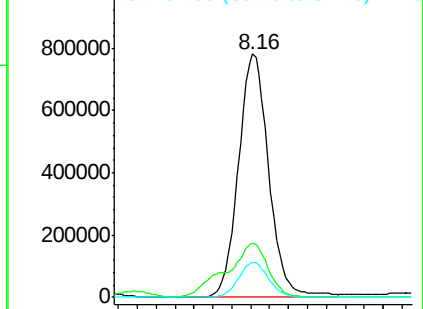
Tgt Ion: 43 Resp: 1737812
Ion Ratio Lower Upper
43 100
61 30.7 23.9 35.9
87 14.3 11.0 16.6

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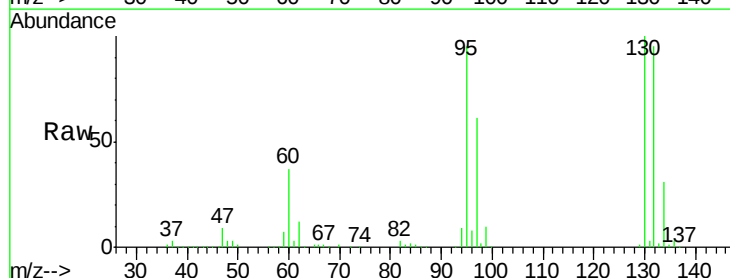


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

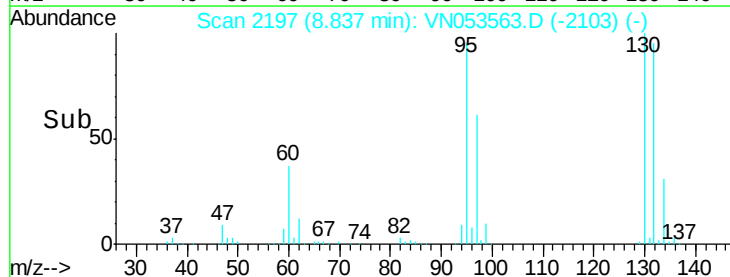
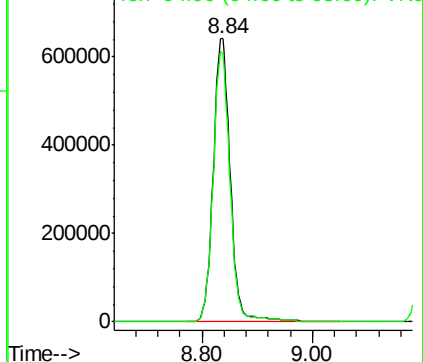


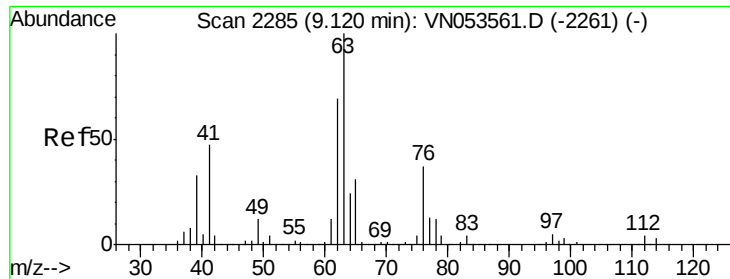
#44
Trichloroethene
Concen: 149.256 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 130 Resp: 1369832
Ion Ratio Lower Upper
130 100
95 94.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





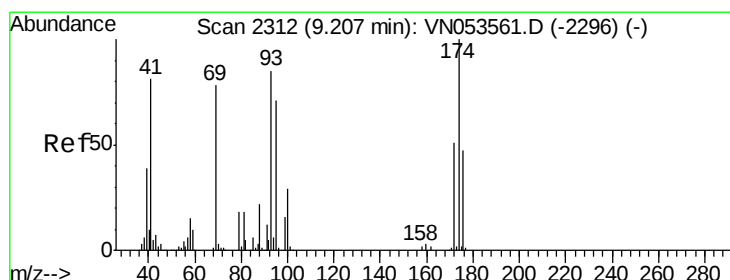
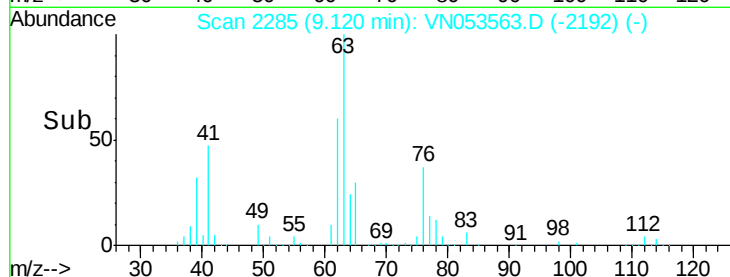
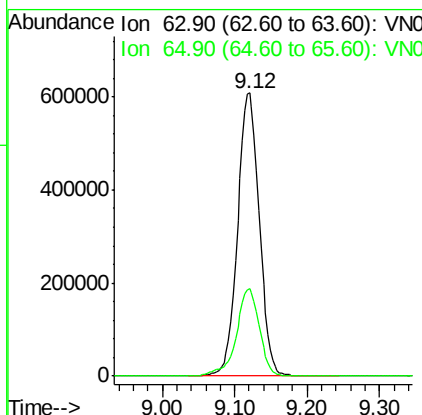
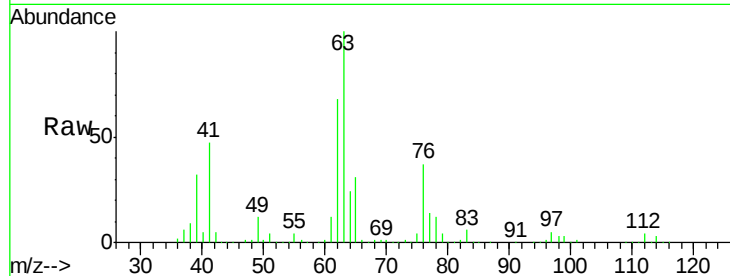
#45
 1,2-Dichloropropane
 Concen: 154.252 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 1264841
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4

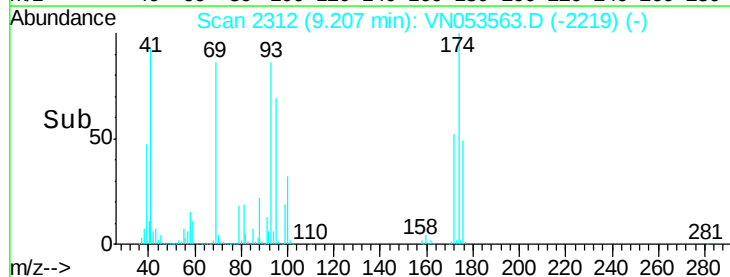
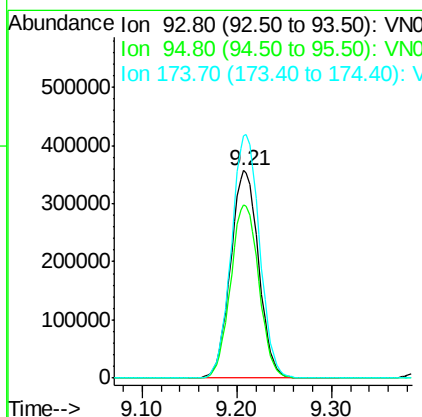
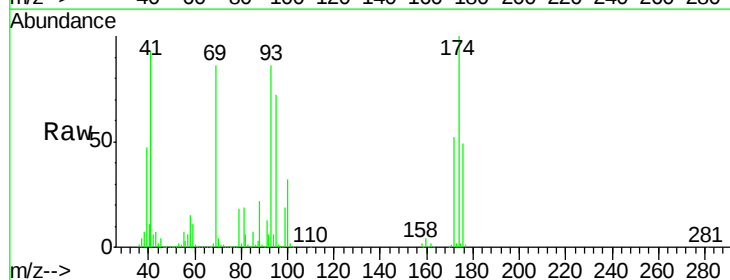
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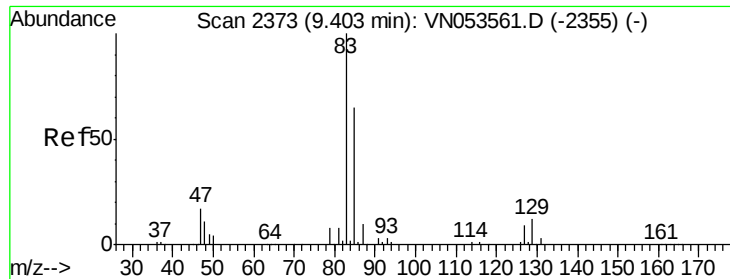
MMDadoda
 2/1/2019 9:18:34 AM



#46
 Dibromomethane
 Concen: 147.909 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion: 93 Resp: 736278
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.3 100.9
 174 117.7 91.0 136.4





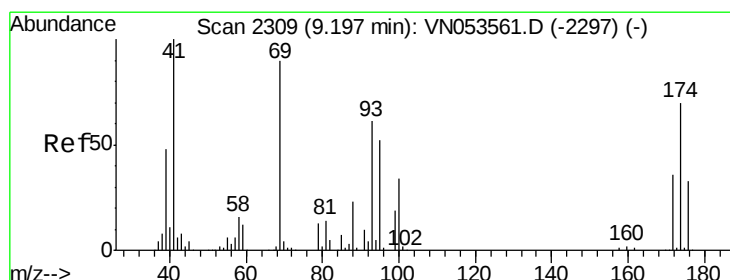
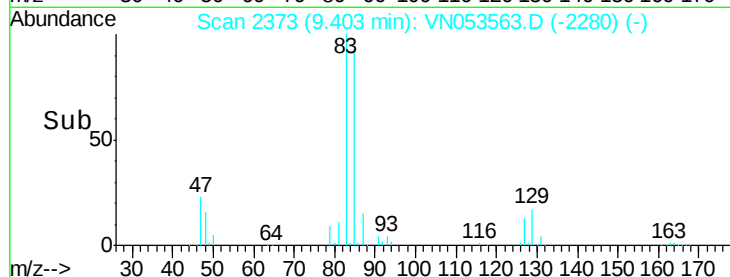
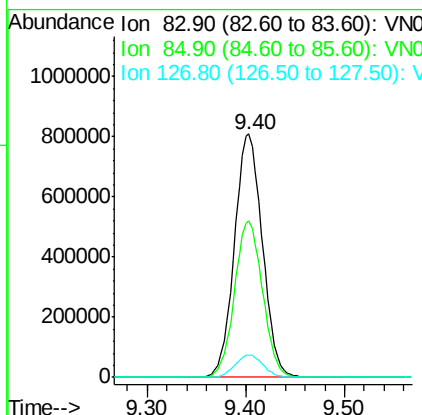
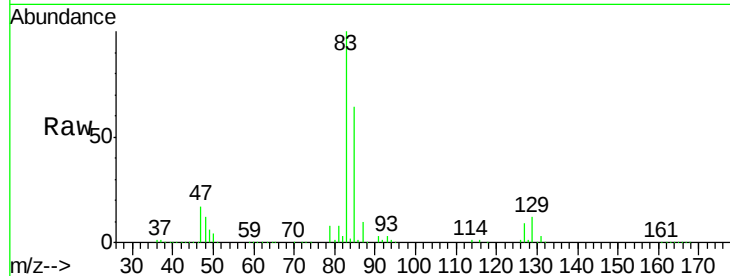
#47
Bromodichloromethane
Concen: 154.480 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 1587258
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 9.2 7.0 10.6

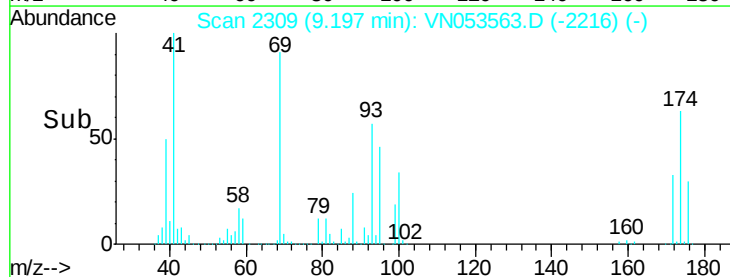
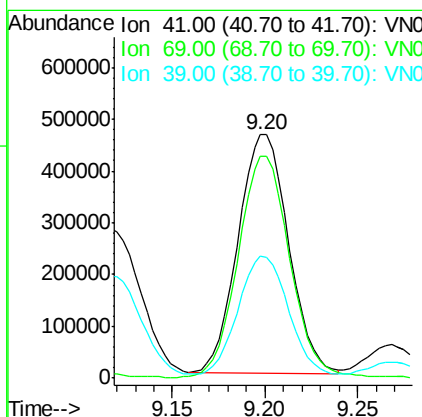
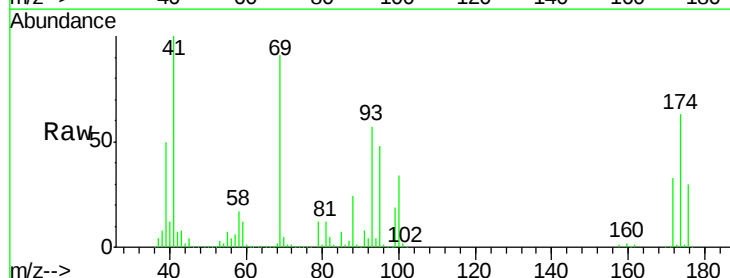
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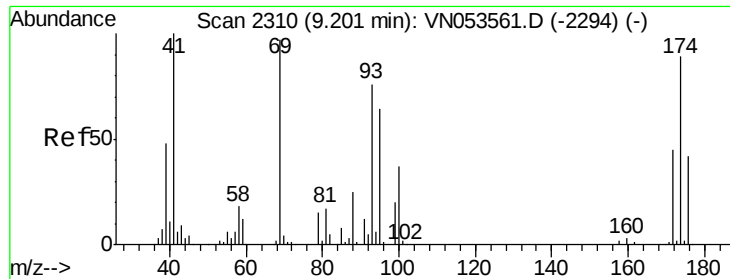
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#48
Methyl methacrylate
Concen: 165.761 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 41 Resp: 876090
Ion Ratio Lower Upper
41 100
69 95.7 73.8 110.6
39 52.5 40.0 60.0





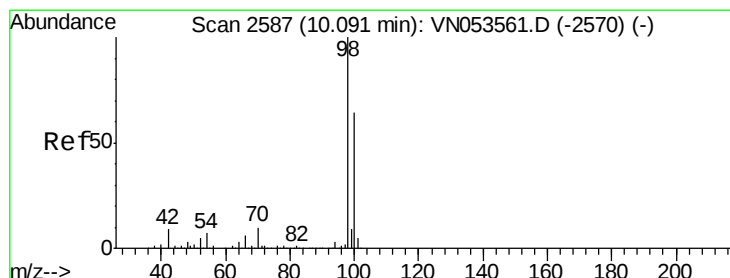
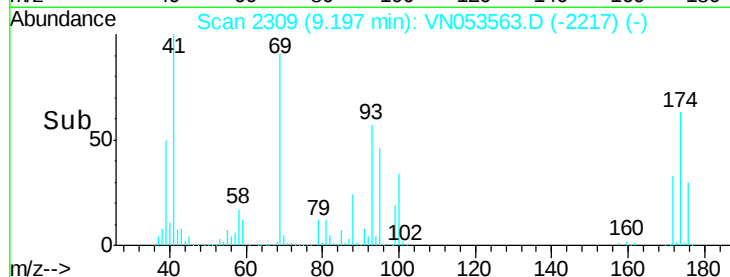
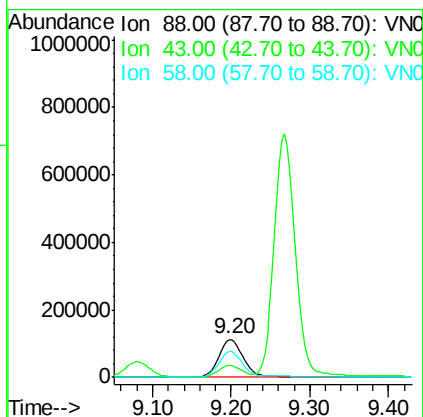
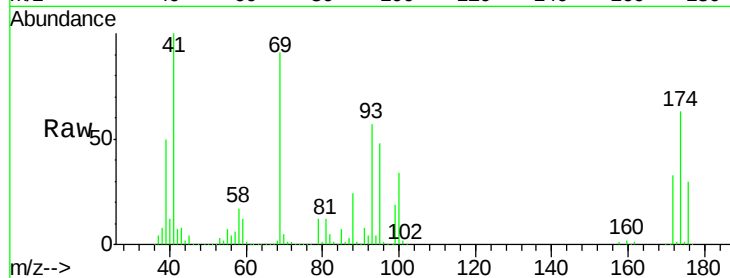
#49
1,4-Dioxane
Concen: 3723.824 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.0	27.8	41.6
58	66.4	56.5	84.7

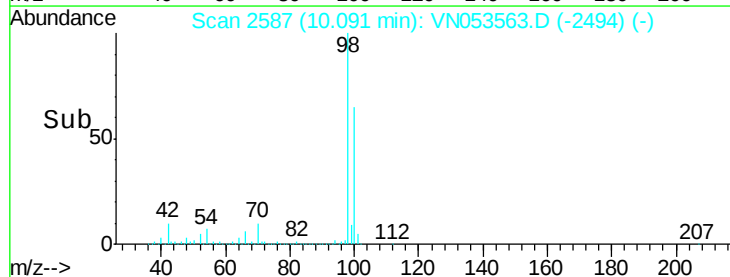
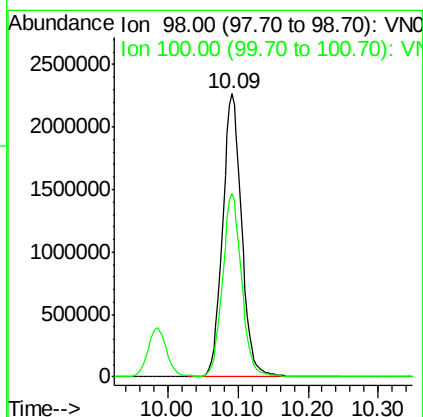
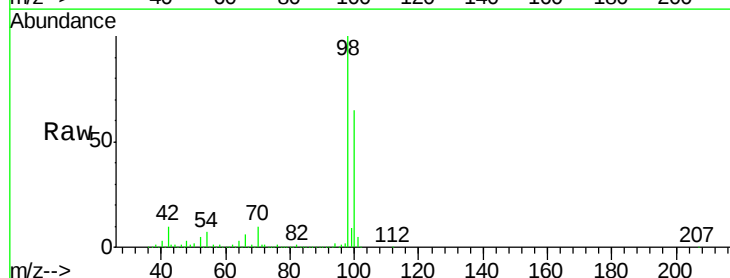
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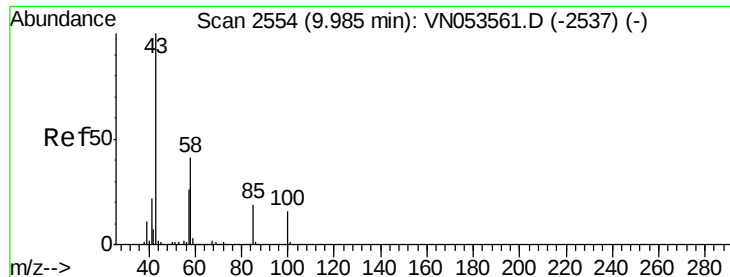
MMDadoda
2/1/2019 9:18:34 AM



#50
Toluene-d8
Concen: 156.760 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0





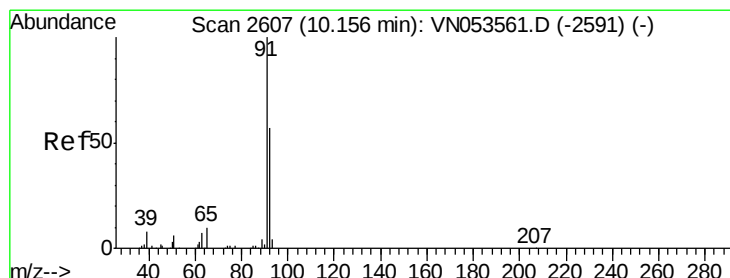
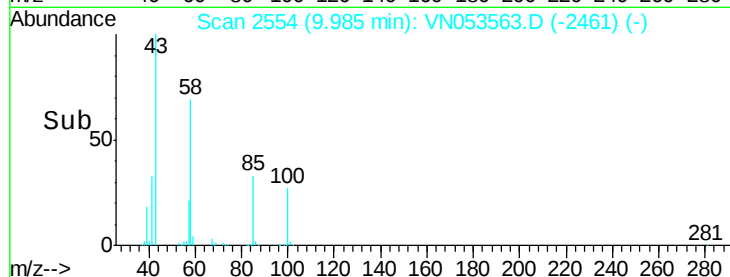
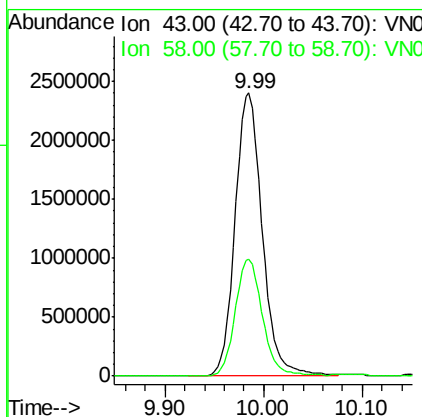
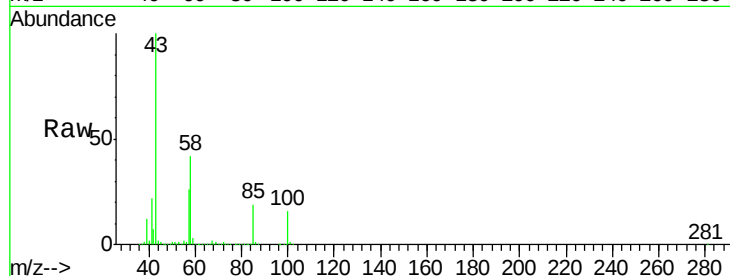
#51
4-Methyl-2-Pentanone
Concen: 851.056 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 4608138
Ion Ratio Lower Upper
43 100
58 41.4 32.8 49.2

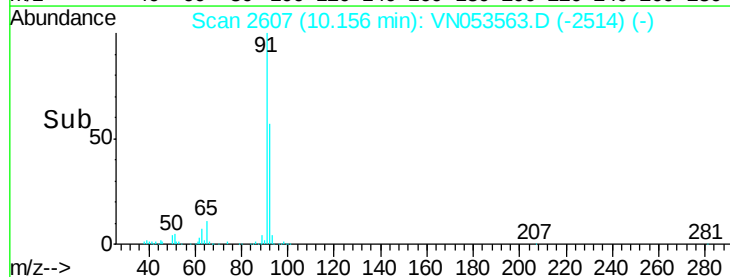
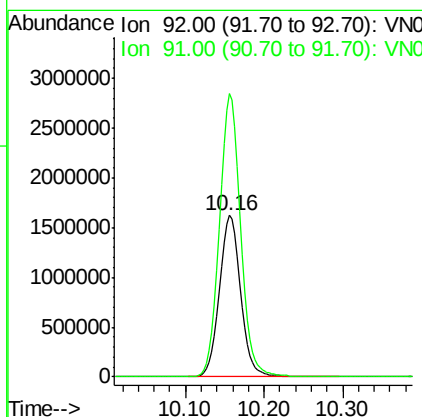
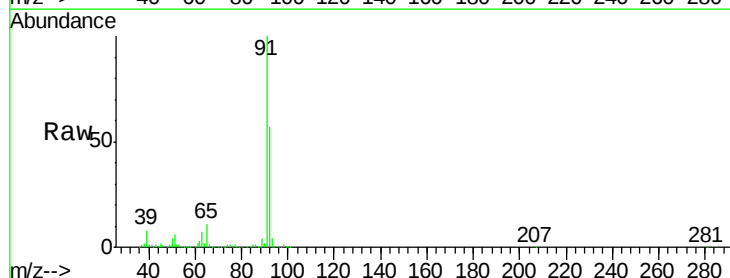
Manual Integrations
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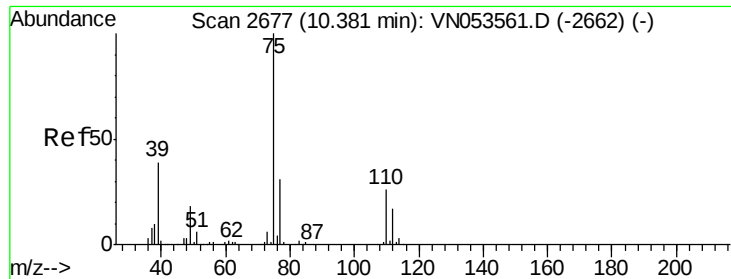
MMDadoda
2/1/2019 9:18:34 AM



#52
Toluene
Concen: 158.852 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 92 Resp: 3007147
Ion Ratio Lower Upper
92 100
91 174.6 139.9 209.9





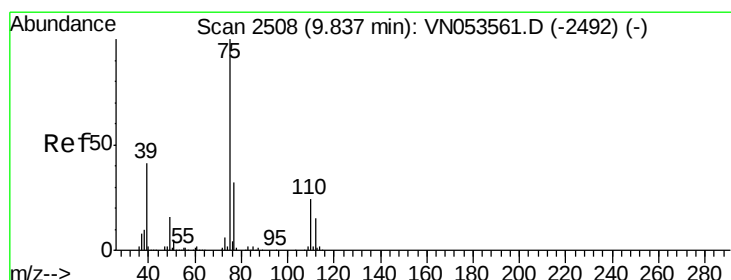
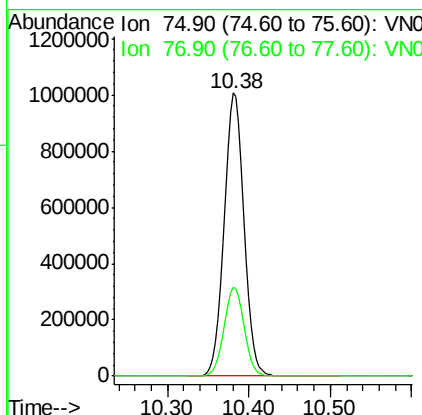
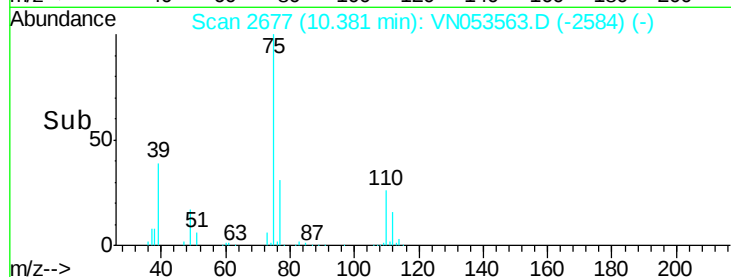
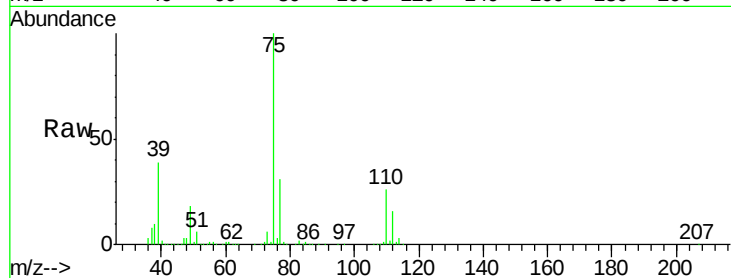
#53
t-1,3-Dichloropropene
Concen: 172.695 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 75 Resp: 1741739
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

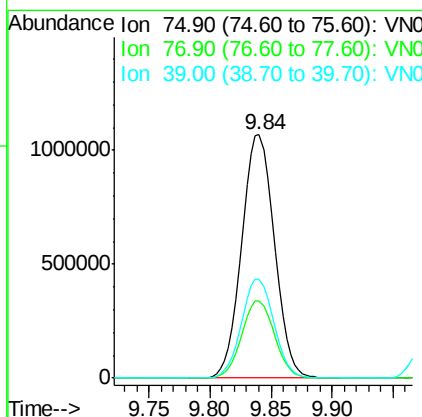
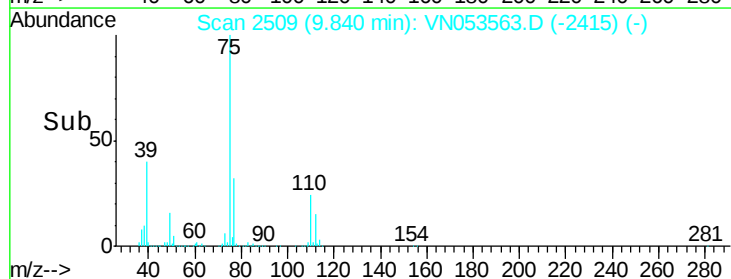
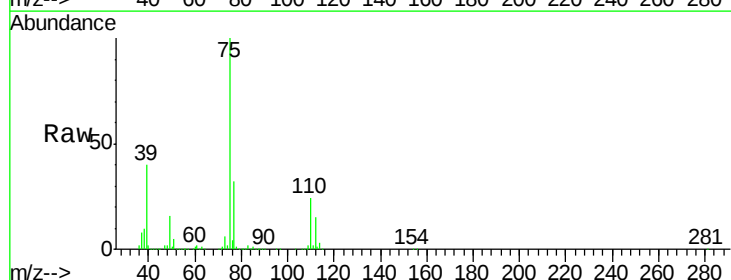
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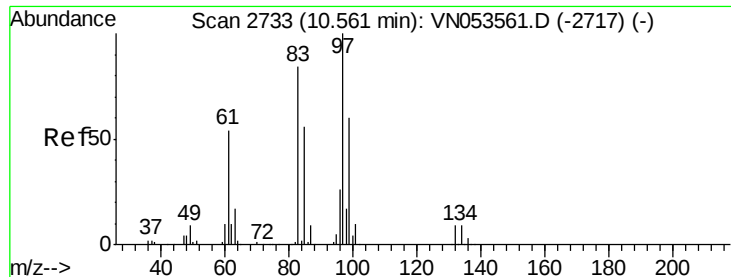
MMDadoda
2/1/2019 9:18:34 AM



#54
cis-1,3-Dichloropropene
Concen: 163.666 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 75 Resp: 1975359
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
39 40.5 33.4 50.0





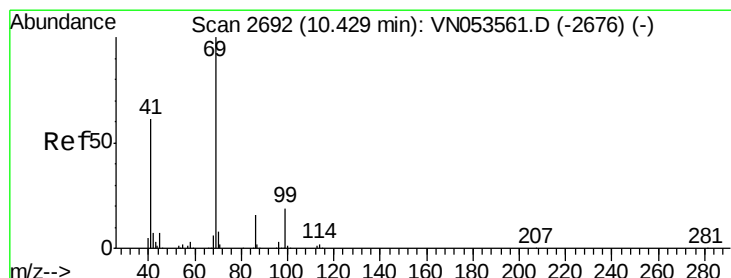
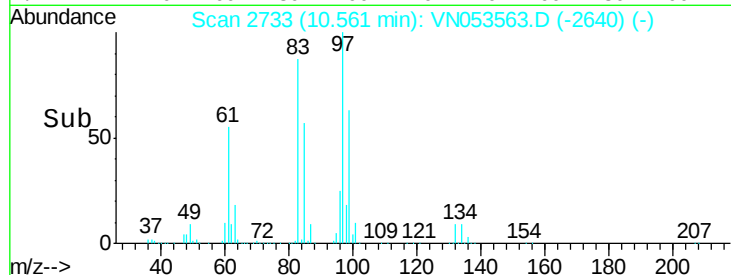
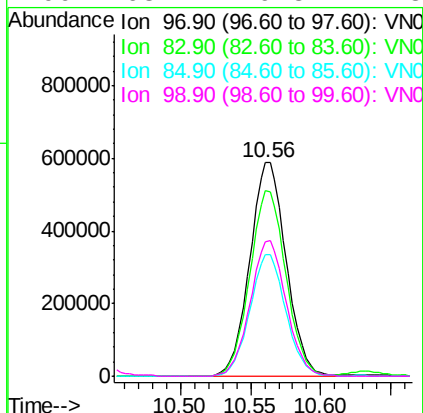
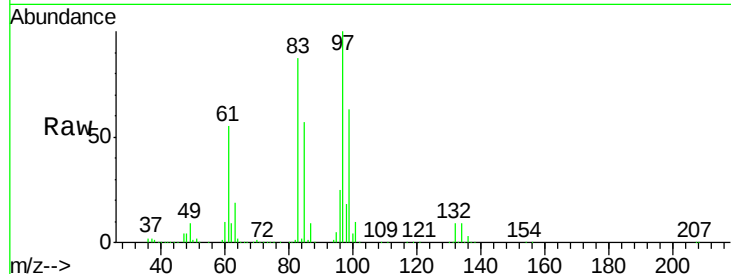
#55
 1,1,2-Trichloroethane
 Concen: 154.561 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tgt Ion: 97 Resp: 1059336
 Ion Ratio Lower Upper
 97 100
 83 86.6 70.1 105.1
 85 57.0 45.4 68.0
 99 63.1 49.8 74.8

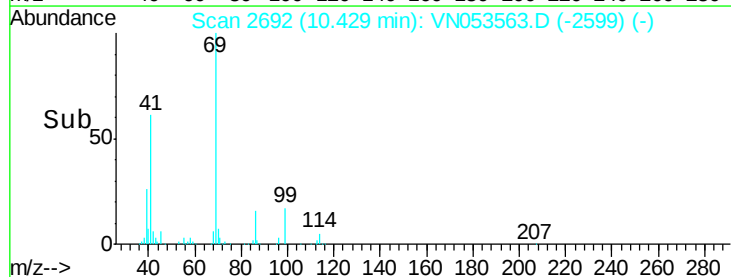
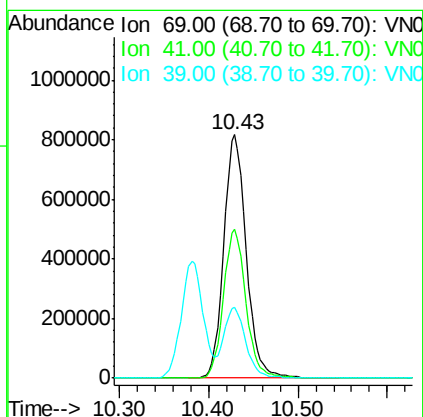
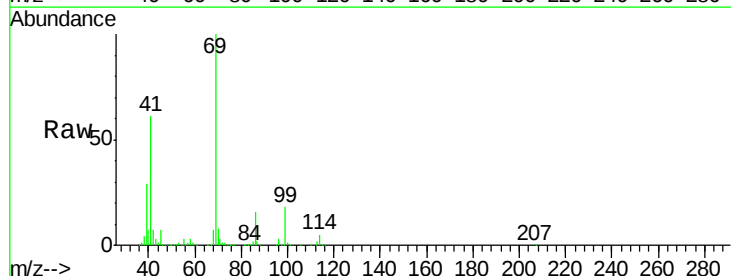
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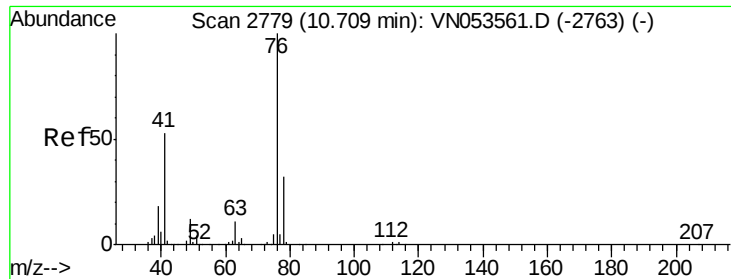
MMDadoda
 2/1/2019 9:18:34 AM



#56
 Ethyl methacrylate
 Concen: 180.850 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion: 69 Resp: 1424927
 Ion Ratio Lower Upper
 69 100
 41 61.2 49.4 74.0
 39 28.8 23.3 34.9





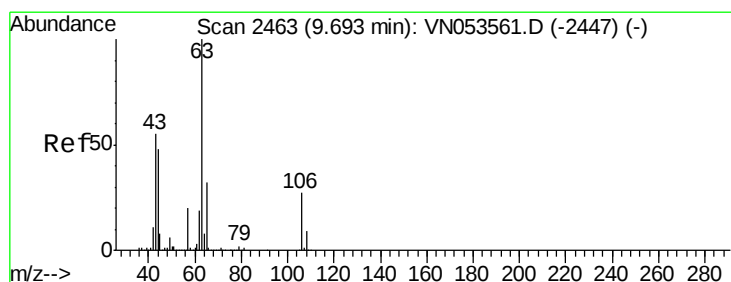
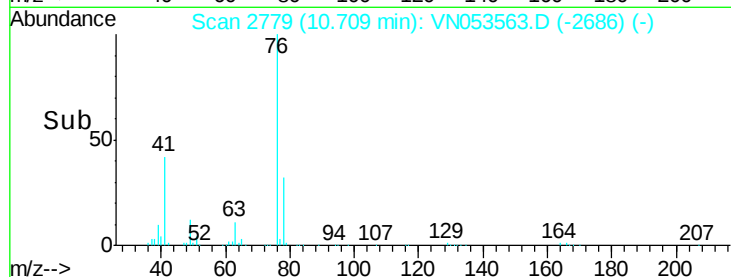
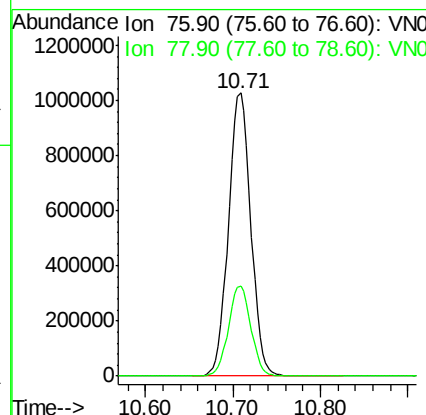
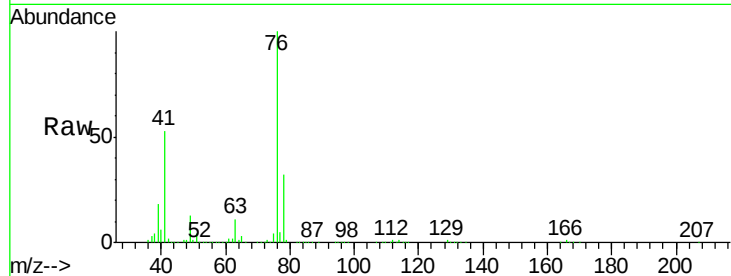
#57
 1,3-Dichloropropane
 Concen: 155.369 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tgt Ion: 76 Resp: 1818306
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

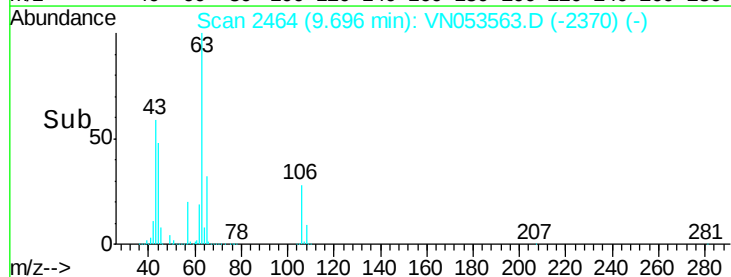
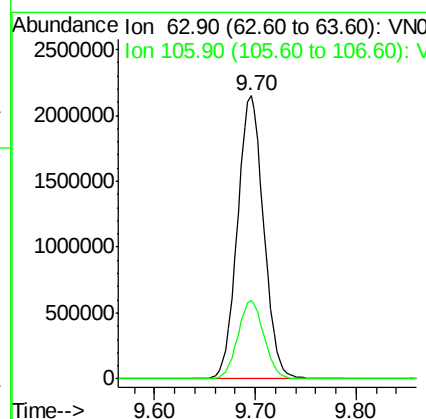
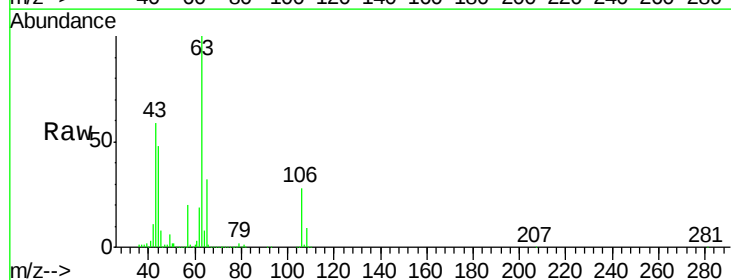
Manual Integrations
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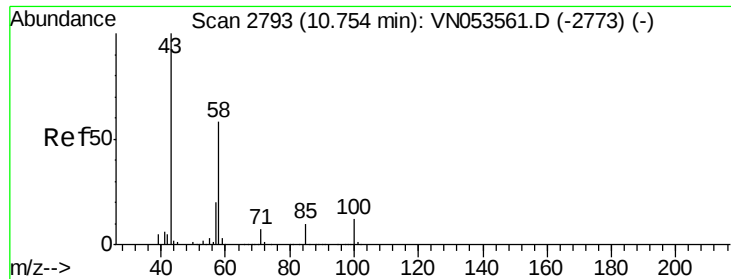
MMDadoda
 2/1/2019 9:18:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 876.801 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion: 63 Resp: 3878556
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.5 32.3





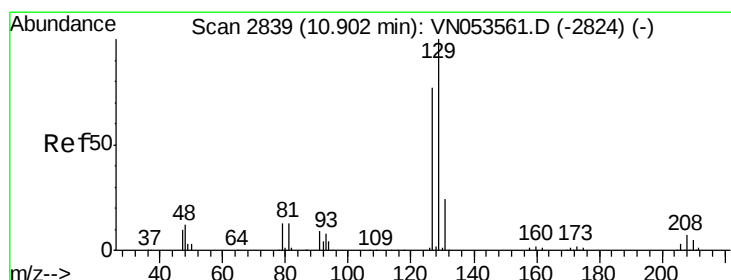
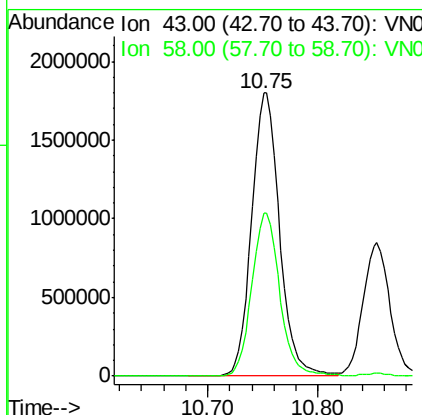
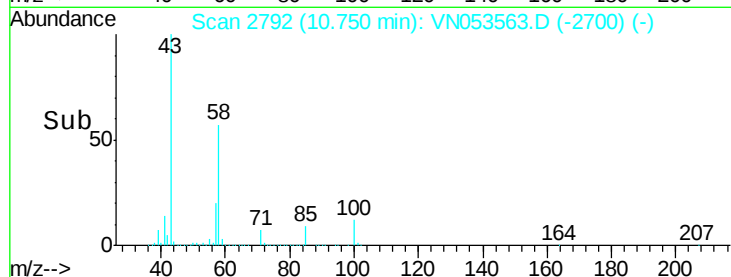
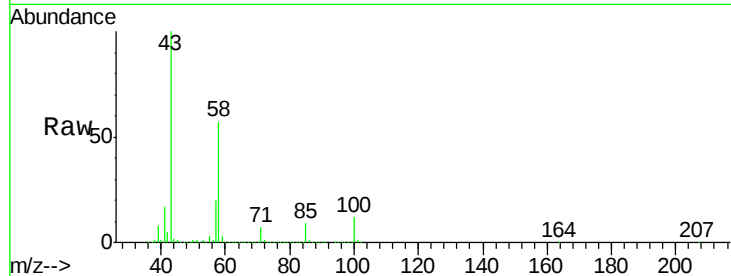
#59
2-Hexanone
Concen: 860.403 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 3156279
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.8

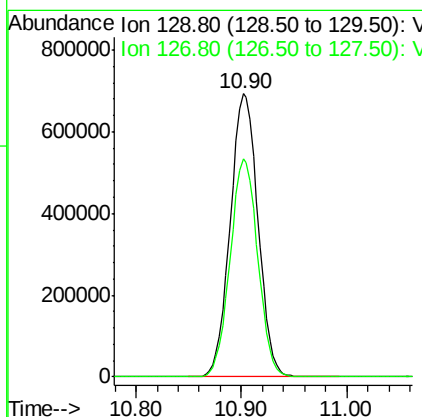
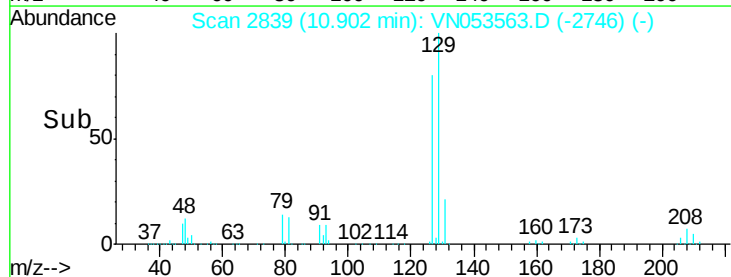
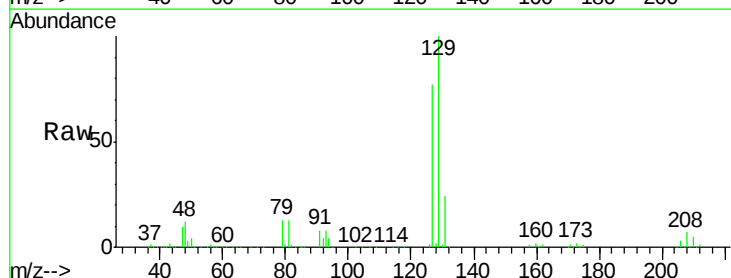
Manual Integrations
APPROVED

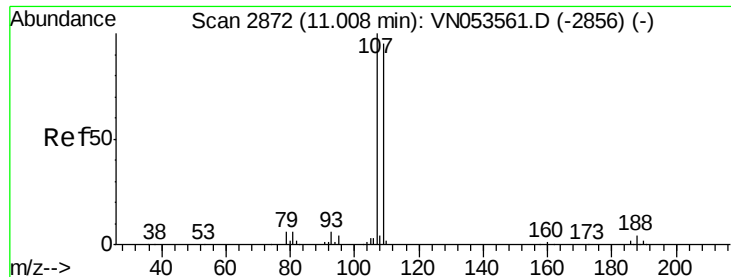
MMDadoda
2/1/2019 9:18:34 AM



#60
Dibromochloromethane
Concen: 165.180 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 129 Resp: 1261841
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





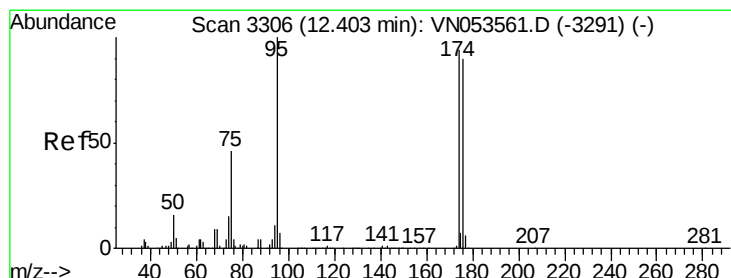
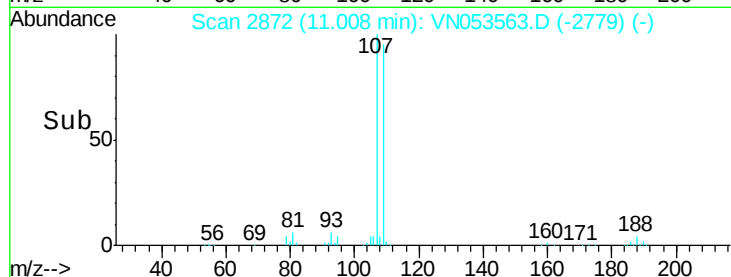
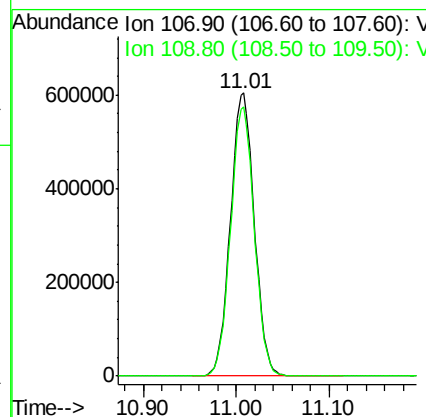
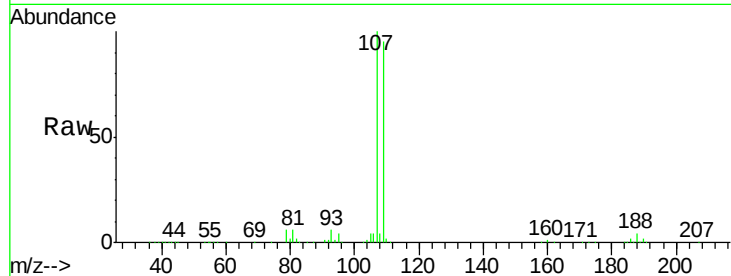
#61
1,2-Dibromoethane
Concen: 159.387 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 107 Resp: 1075495
Ion Ratio Lower Upper
107 100
109 94.9 75.7 113.5

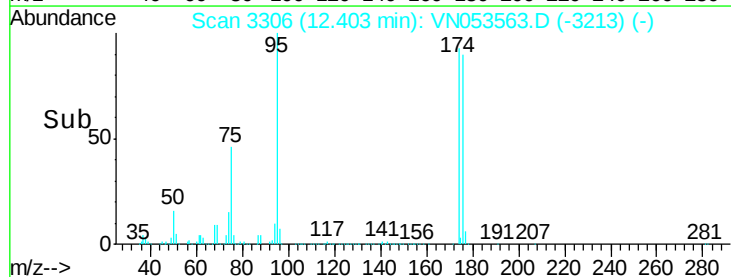
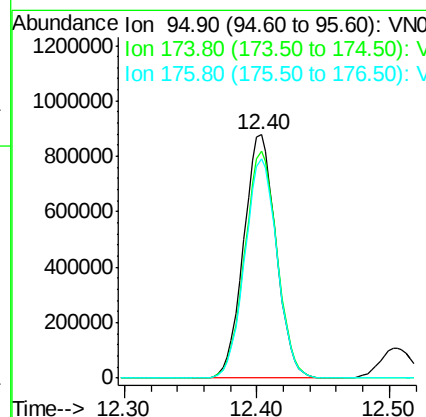
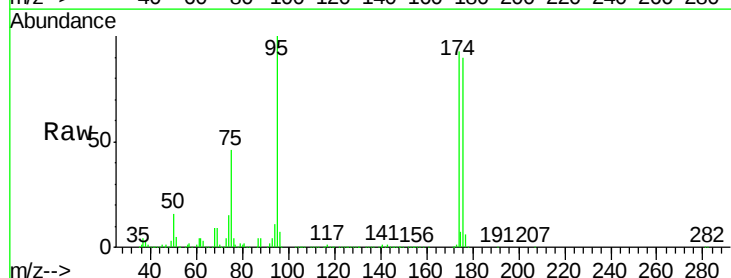
Manual Integrations
APPROVED

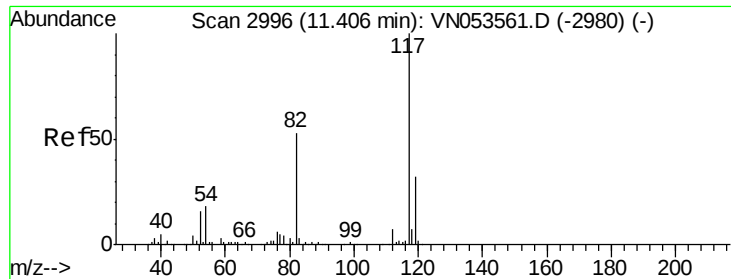
MMDadoda
2/1/2019 9:18:34 AM



#62
4-Bromofluorobenzene
Concen: 165.572 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 95 Resp: 1487232
Ion Ratio Lower Upper
95 100
174 93.5 0.0 183.2
176 90.3 0.0 177.4





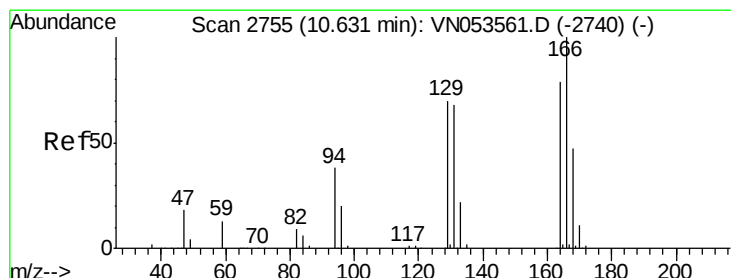
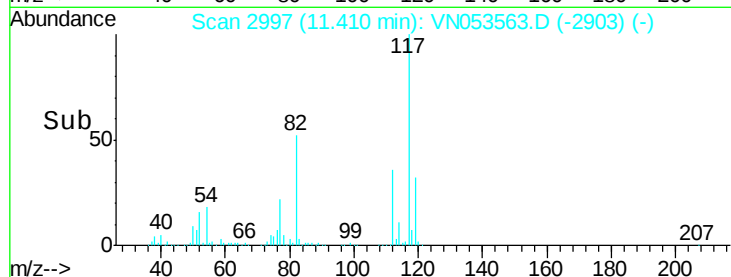
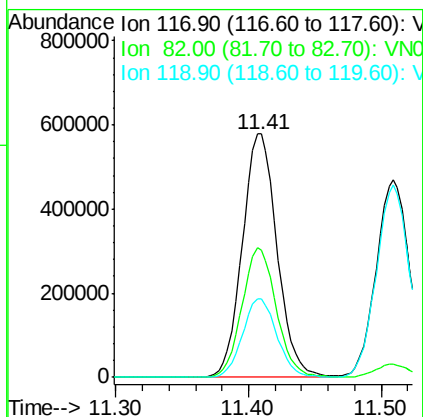
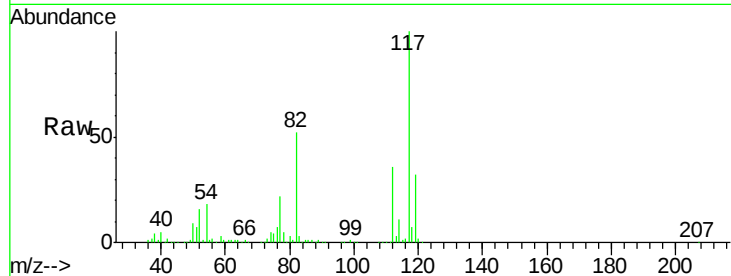
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 1052495
Ion Ratio Lower Upper
117 100
82 52.3 42.9 64.3
119 32.0 26.0 39.0

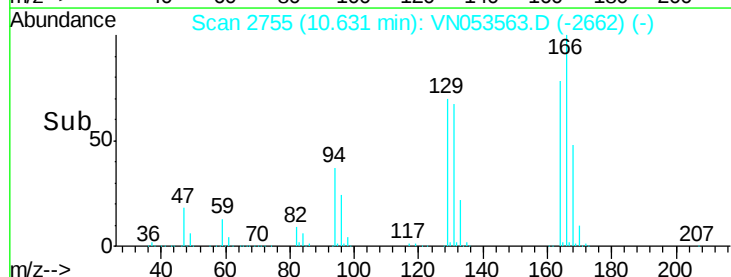
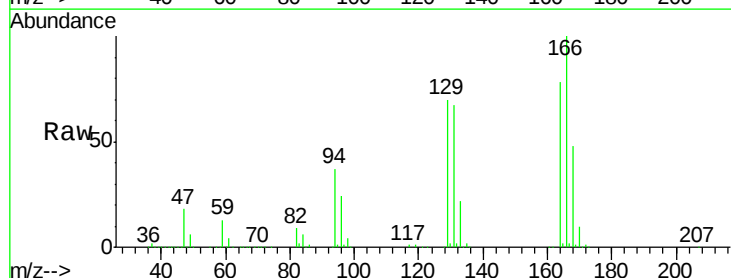
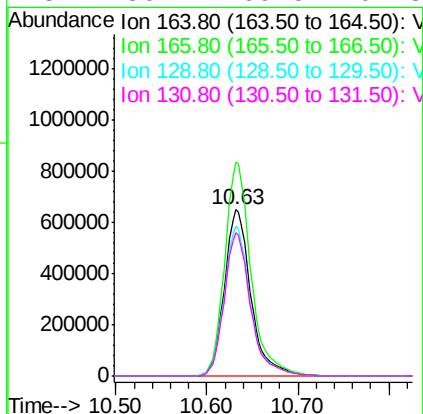
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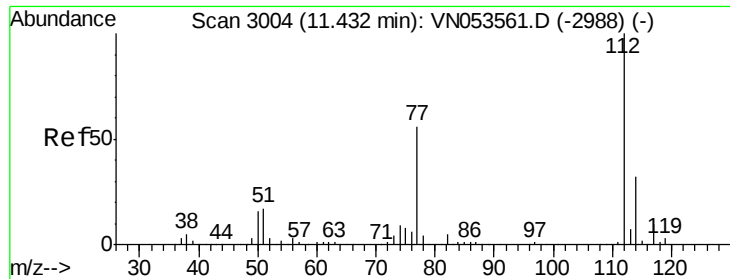
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#64
Tetrachloroethene
Concen: 143.925 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion:164 Resp: 1307343
Ion Ratio Lower Upper
164 100
166 128.5 102.2 153.4
129 90.3 72.6 109.0
131 86.2 69.5 104.3





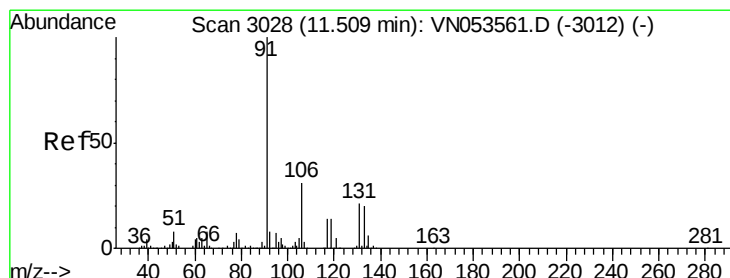
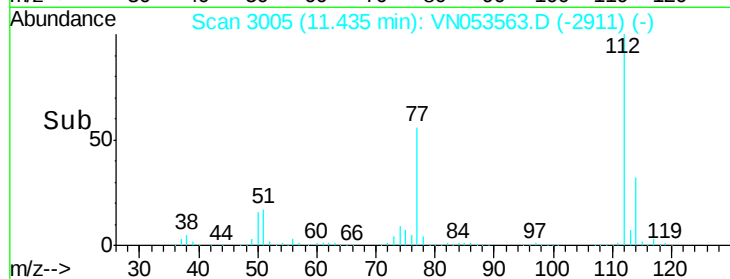
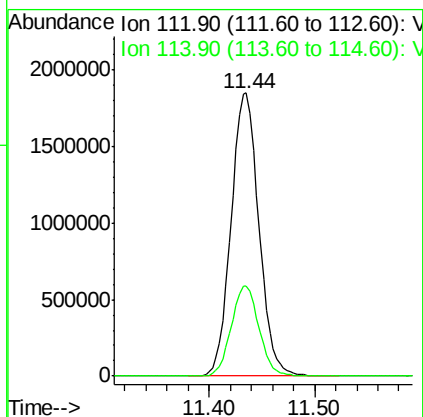
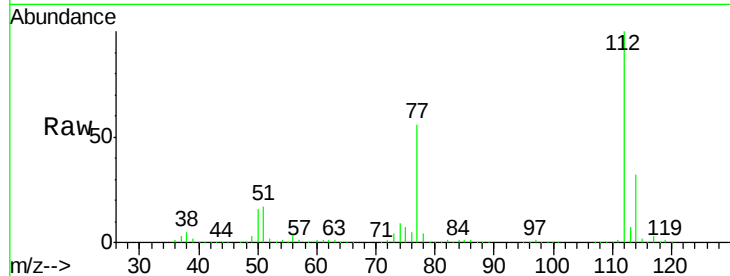
#65
Chlorobenzene
Concen: 150.822 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion:112 Resp: 3368709
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

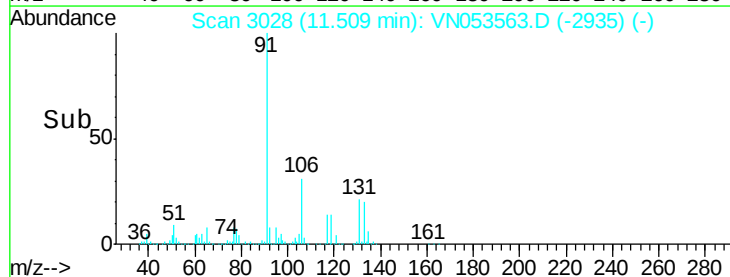
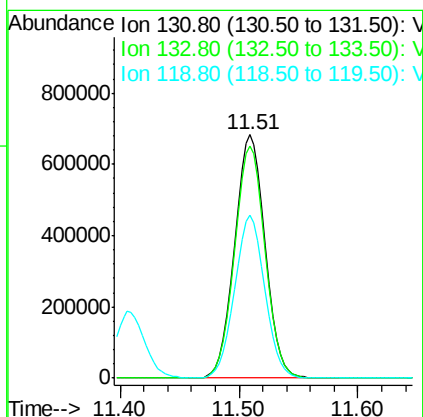
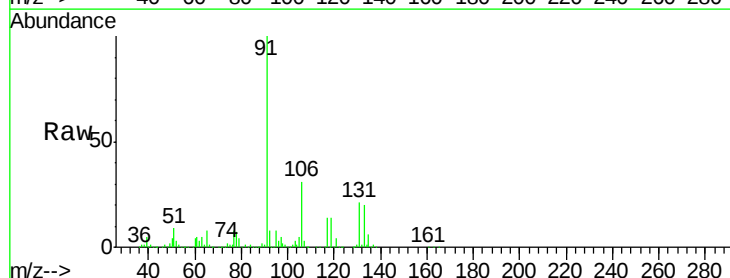
Manual Integrations
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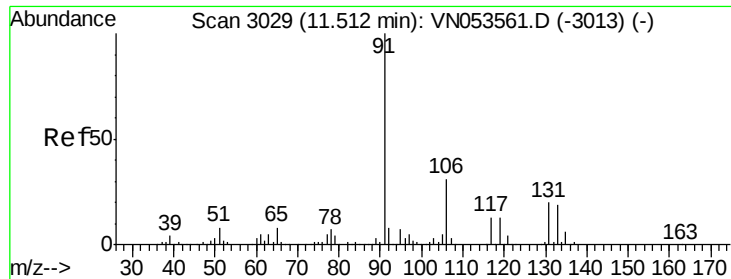
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#66
1,1,1,2-Tetrachloroethane
Concen: 155.603 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion:131 Resp: 1207376
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 66.4 33.5 100.5





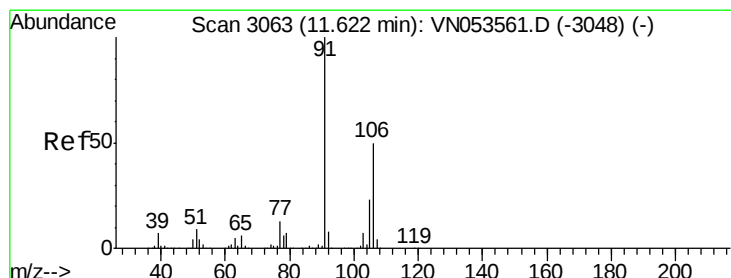
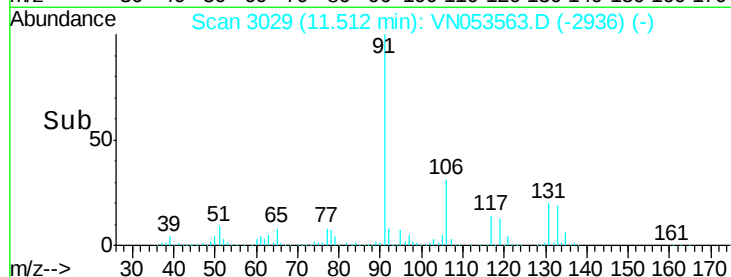
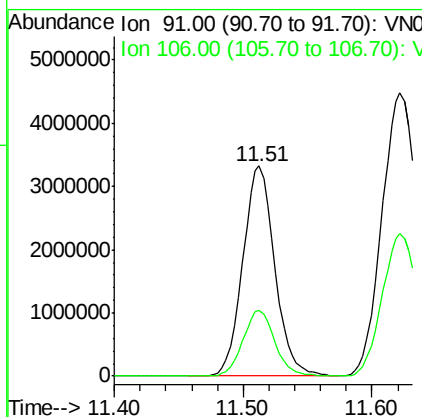
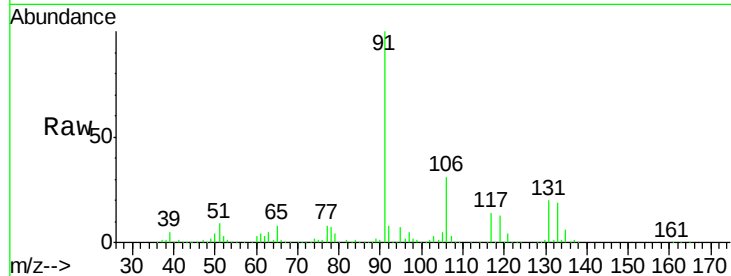
#67
Ethyl Benzene
Concen: 157.411 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 91 Resp: 5733580
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

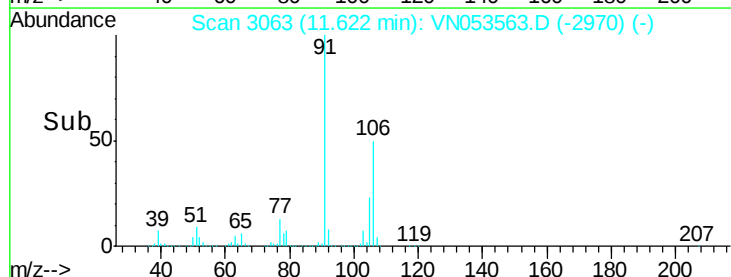
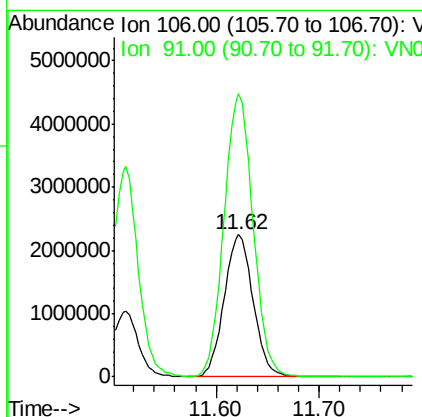
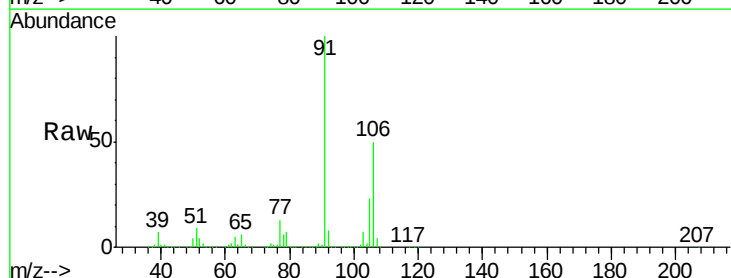
Manual Integrations
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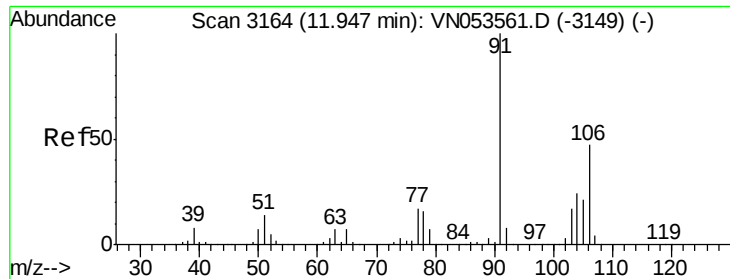
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#68
m/p-Xylenes
Concen: 316.562 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 106 Resp: 4396565
Ion Ratio Lower Upper
106 100
91 200.2 161.4 242.2





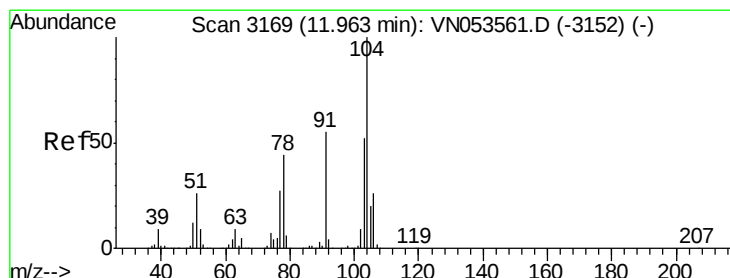
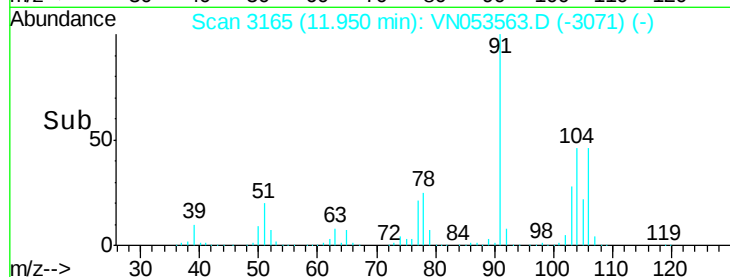
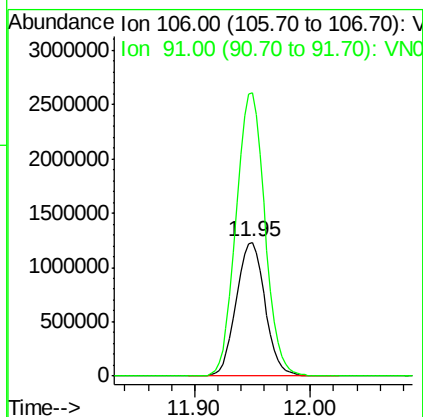
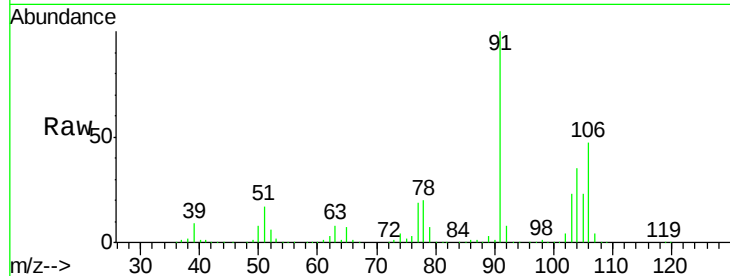
#69
o-Xylene
Concen: 158.524 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion:106 Resp: 2126442
Ion Ratio Lower Upper
106 100
91 211.4 106.9 320.8

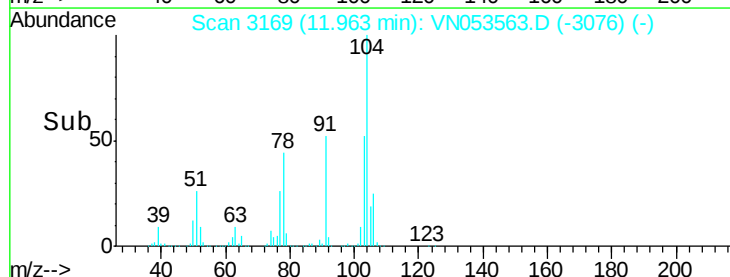
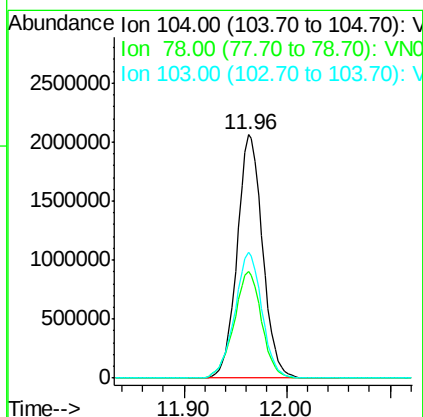
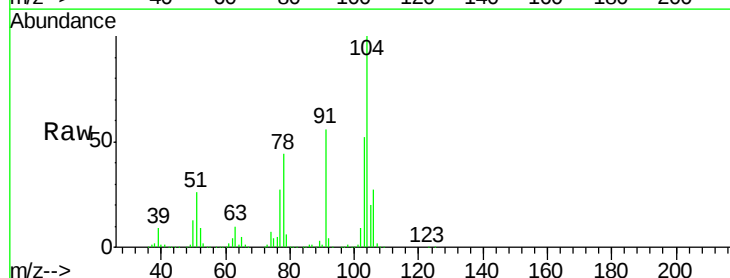
Manual Integrations
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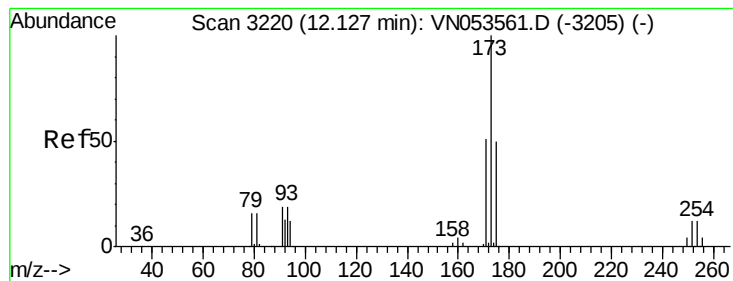
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#70
Styrene
Concen: 163.324 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion:104 Resp: 3532283
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.2
103 55.4 44.4 66.6





#71

Bromoform

Concen: 172.939 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 902688

Ion Ratio Lower Upper

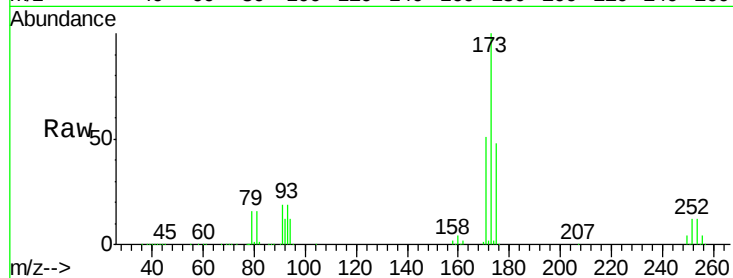
173 100

175 48.7 24.6 74.0

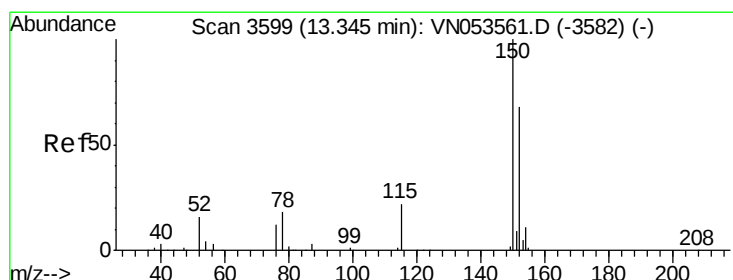
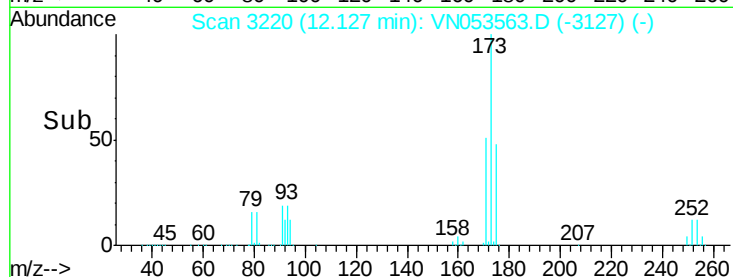
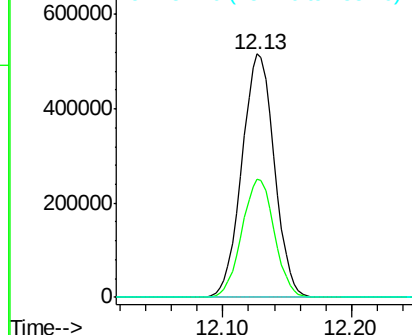
254 0.2 0.2 0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

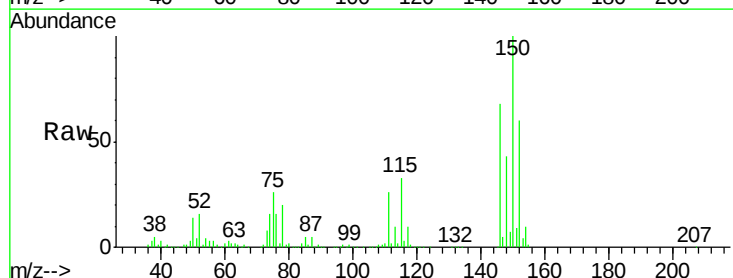
Tgt Ion:152 Resp: 520701

Ion Ratio Lower Upper

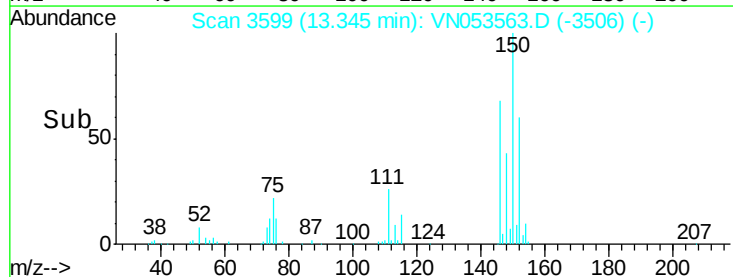
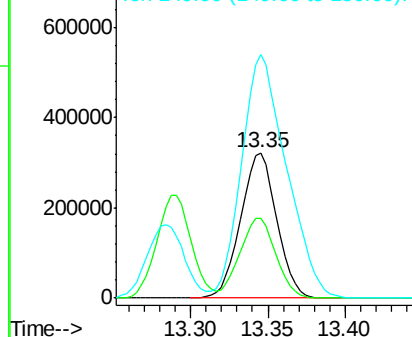
152 100

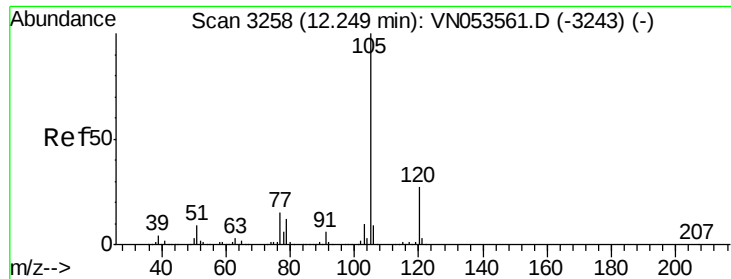
115 55.2 27.8 83.4

150 208.8 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 149.722 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 105 Resp: 5482199

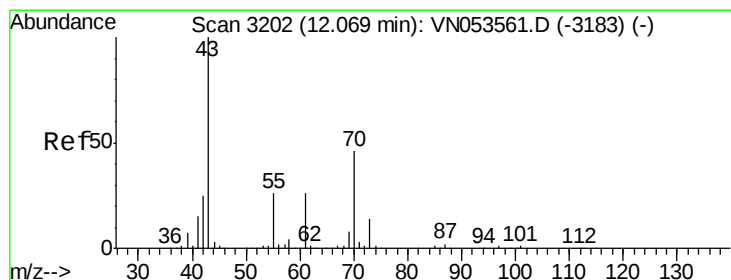
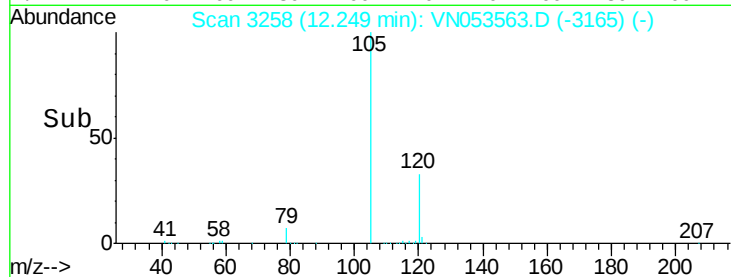
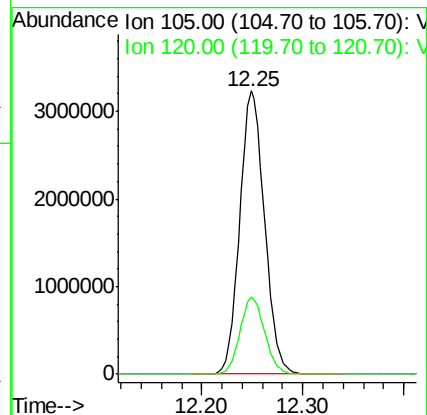
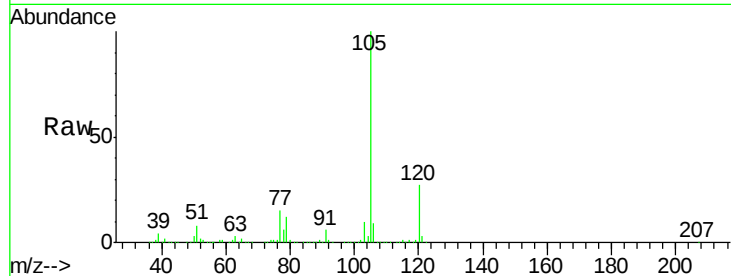
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7

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#74

N-ethyl acetate

Concen: 170.359 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Tgt Ion: 43 Resp: 1466364

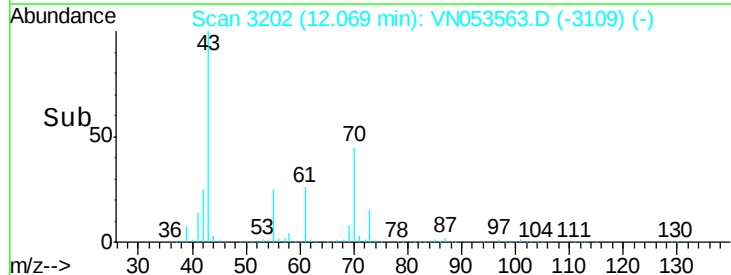
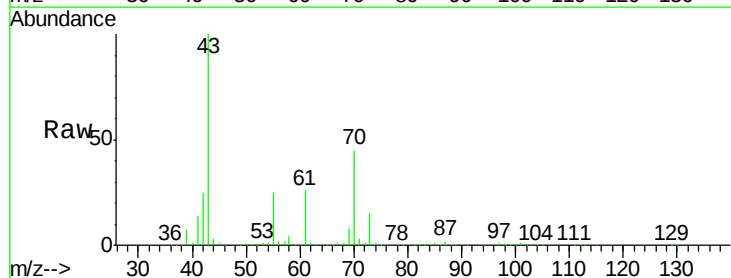
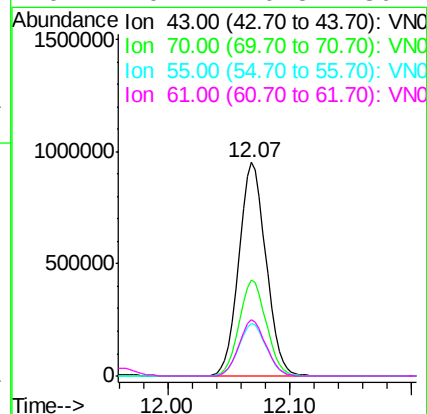
Ion Ratio Lower Upper

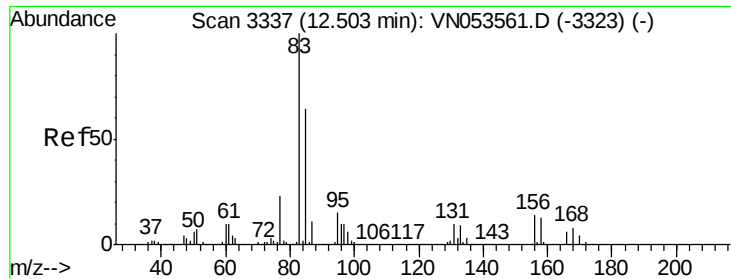
43 100

70 45.1 35.4 53.2

55 25.0 20.9 31.3

61 26.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 145.011 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1277435

Ion Ratio Lower Upper

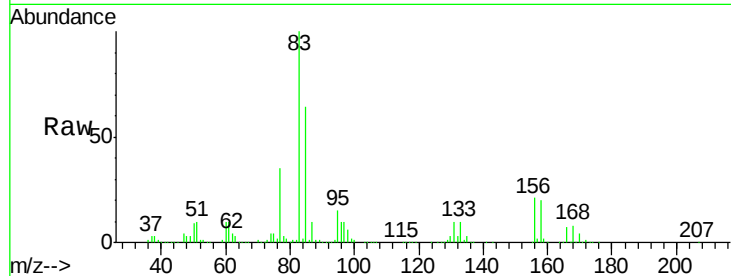
83 100

131 10.7 5.3 15.8

85 64.7 32.1 96.3

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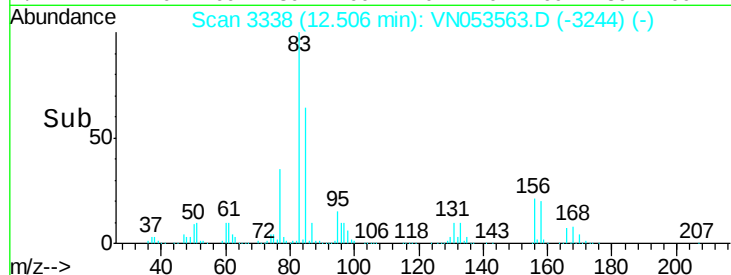


Abundance Ion 82.90 (82.60 to 83.60): VN053563.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN053563.D (-3338) (-)

Ion 84.90 (84.60 to 85.60): VN053563.D (-3339) (-)

Time-->

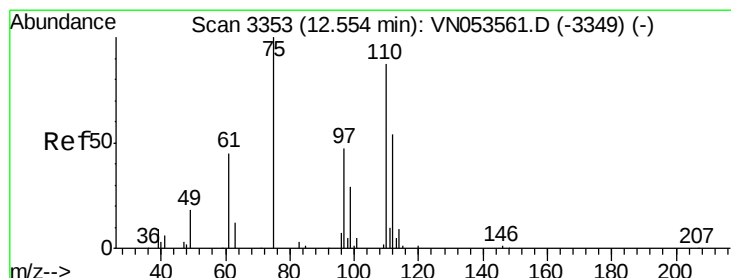


Abundance Ion 82.90 (82.60 to 83.60): VN053563.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN053563.D (-3338) (-)

Ion 84.90 (84.60 to 85.60): VN053563.D (-3339) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 150.407 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053563.D

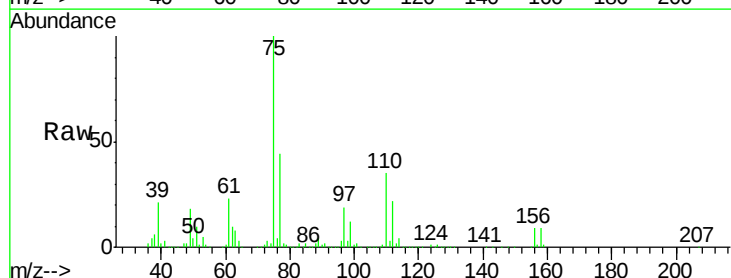
Acq: 30 Jan 2019 11:06

Tgt Ion: 75 Resp: 1005478

Ion Ratio Lower Upper

75 100

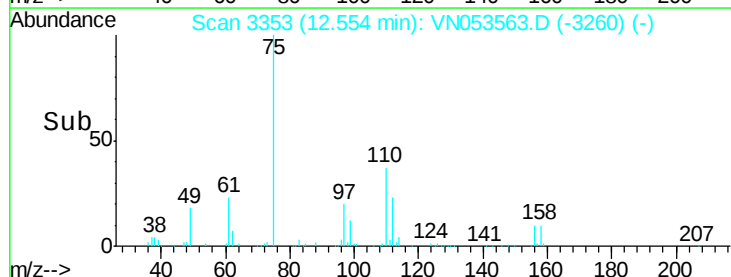
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053563.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN053563.D (-3354) (-)

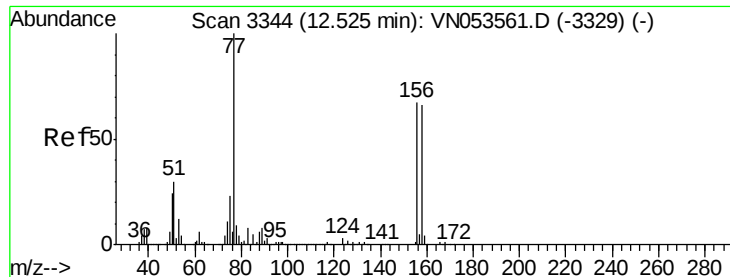
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN053563.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN053563.D (-3354) (-)

Time-->



#77

Bromobenzene

Concen: 151.826 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 1494763

Ion Ratio Lower Upper

156 100

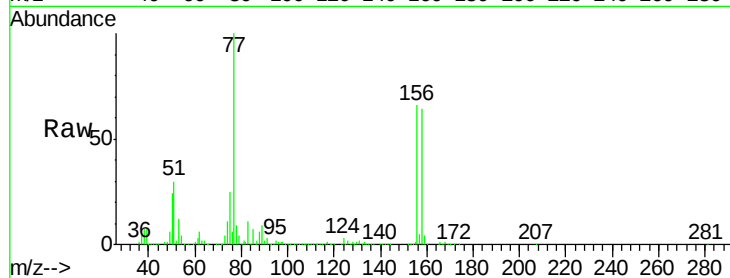
77 174.0 87.9 263.8

158 97.6 48.8 146.4

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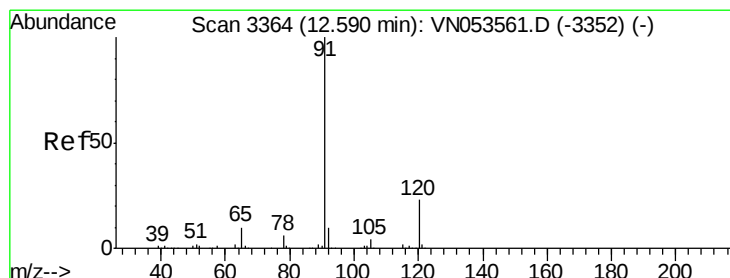
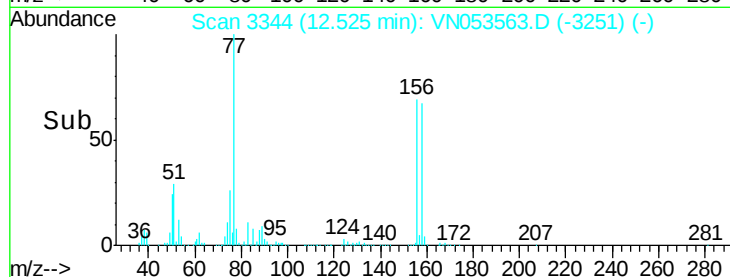
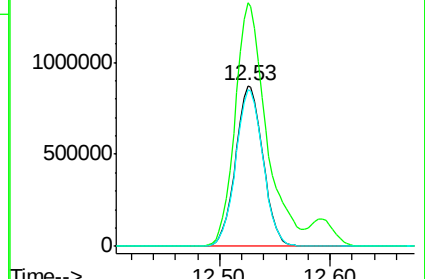
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 153.451 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053563.D

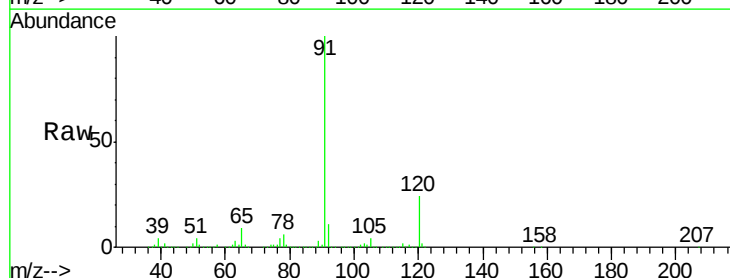
Acq: 30 Jan 2019 11:06

Tgt Ion: 91 Resp: 6468517

Ion Ratio Lower Upper

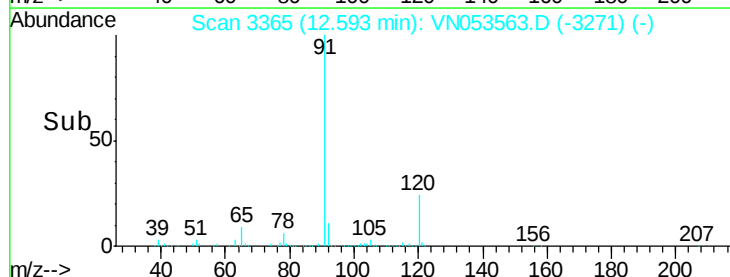
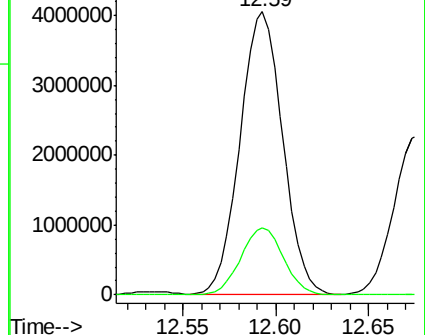
91 100

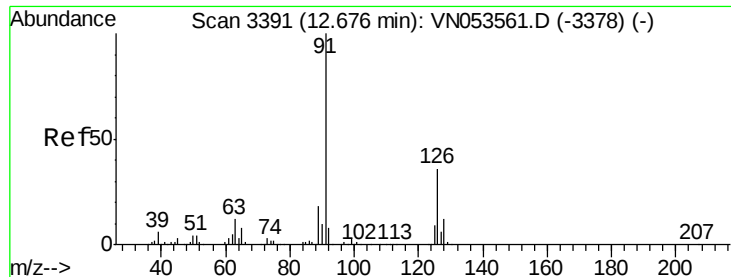
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 150.275 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tgt Ion: 91 Resp: 3771475

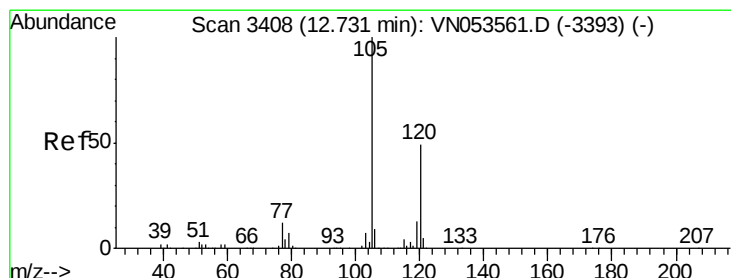
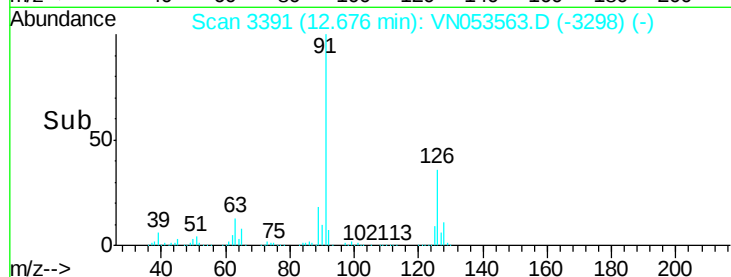
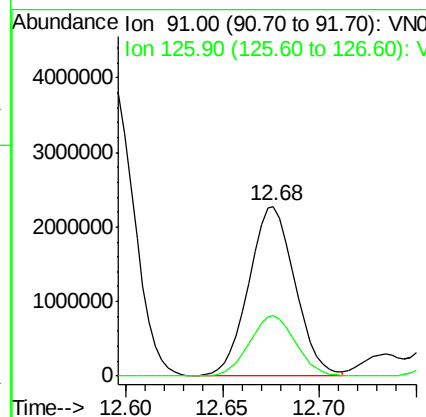
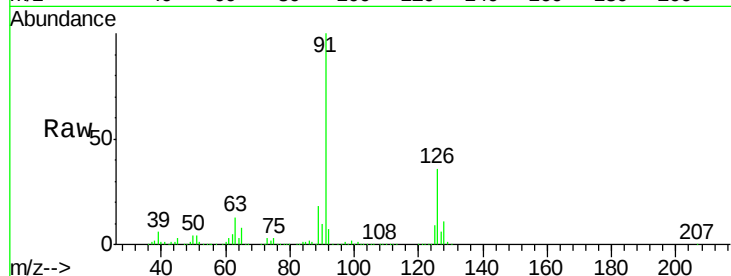
Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 155.769 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053563.D

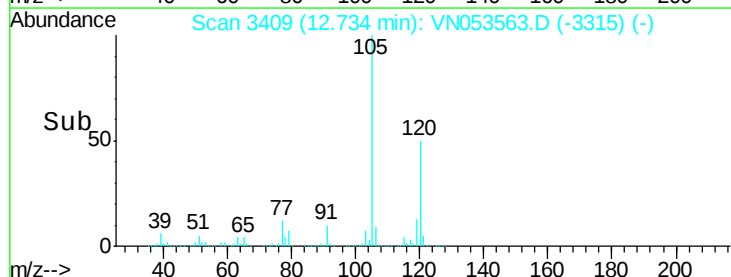
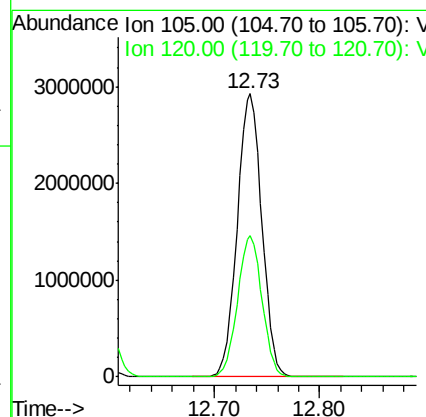
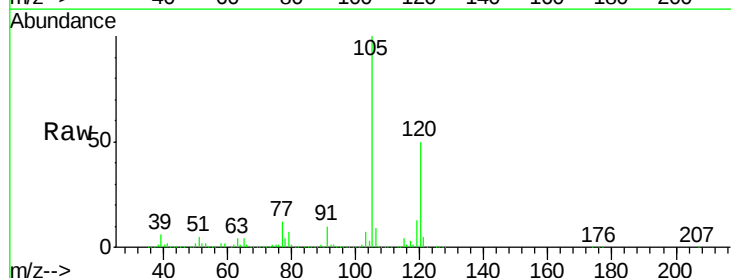
Acq: 30 Jan 2019 11:06

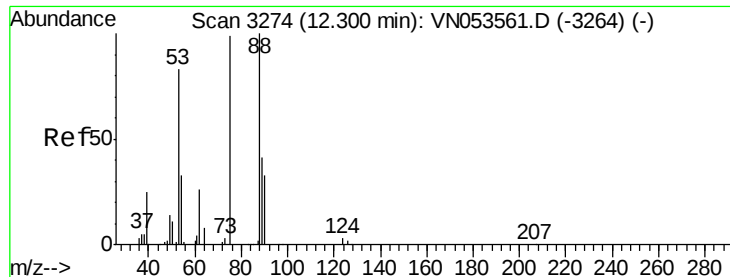
Tgt Ion: 105 Resp: 4698108

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





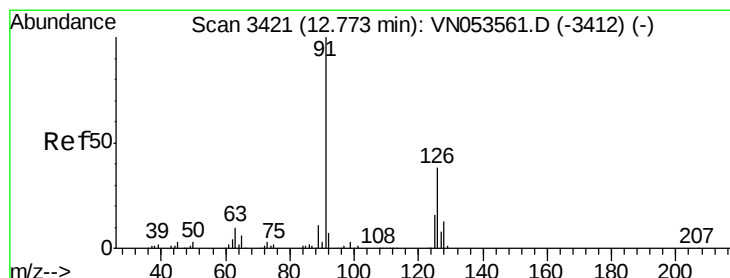
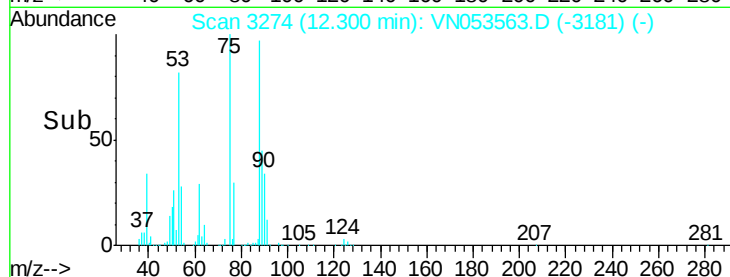
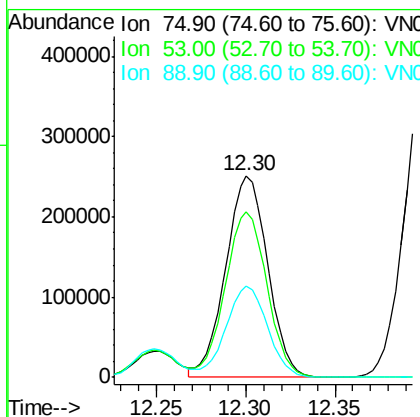
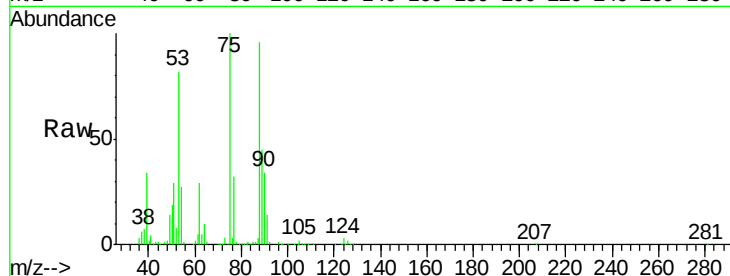
#81
trans-1,4-Dichloro-2-butene
Concen: 177.003 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.7	69.8	104.6
89	45.1	35.6	53.4

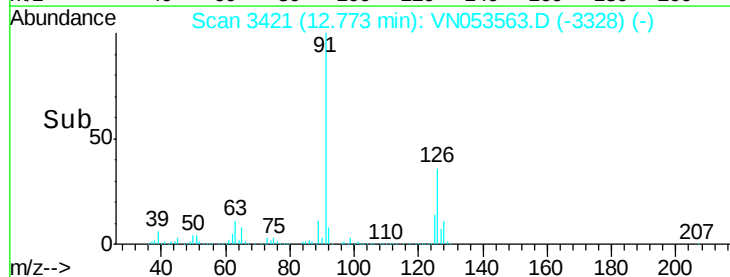
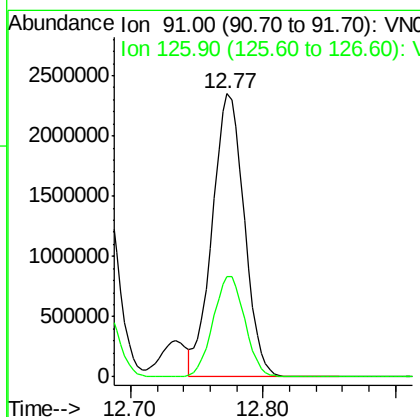
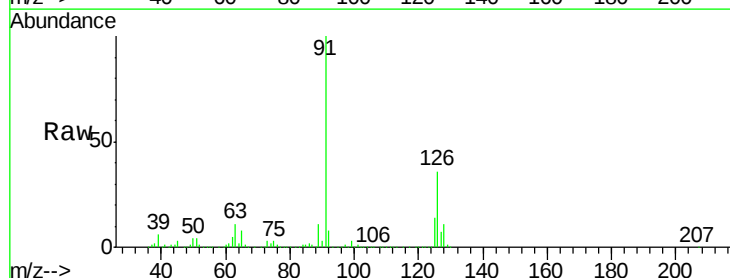
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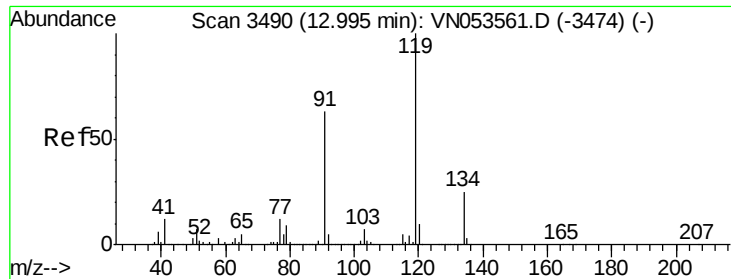
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#82
4-Chlorotoluene
Concen: 153.045 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.6	52.9





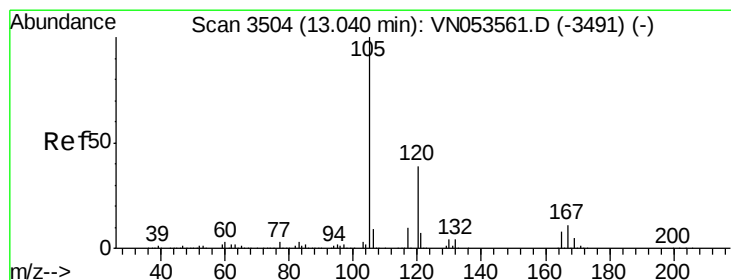
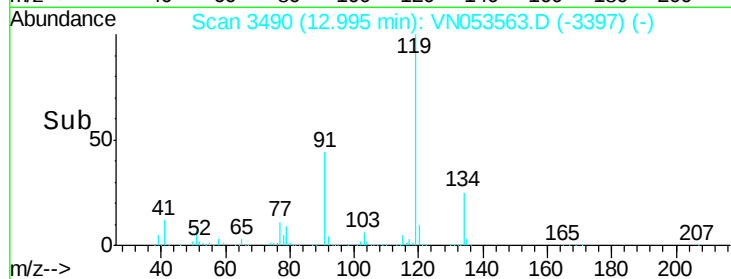
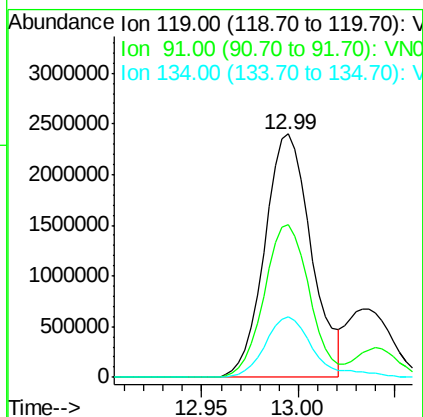
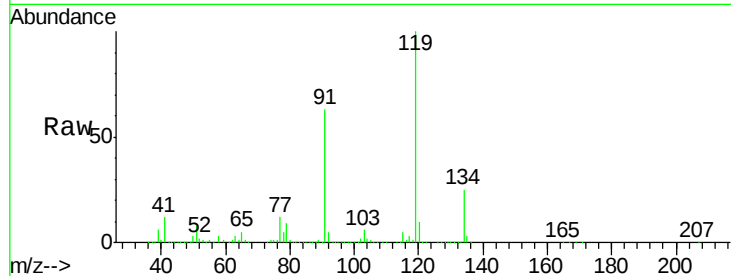
#83
tert-Butylbenzene
Concen: 149.799 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 4019649
Ion Ratio Lower Upper
119 100
91 61.5 31.3 93.8
134 26.0 12.9 38.7

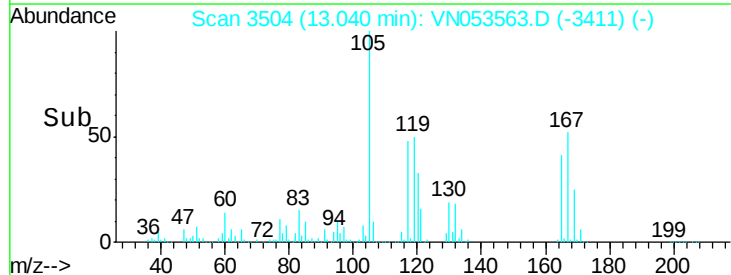
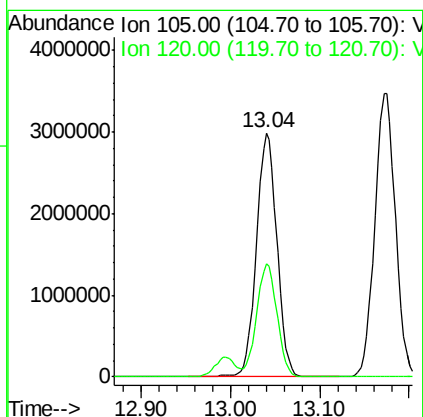
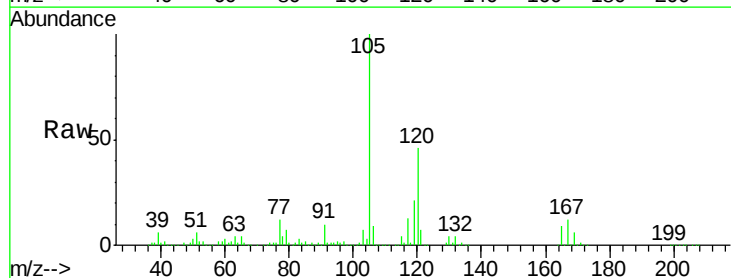
Manual Integrations
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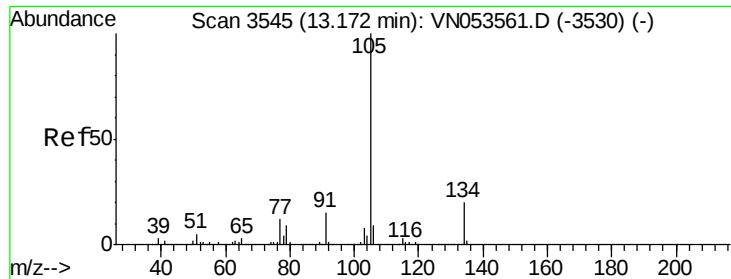
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 155.963 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion:105 Resp: 4791451
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





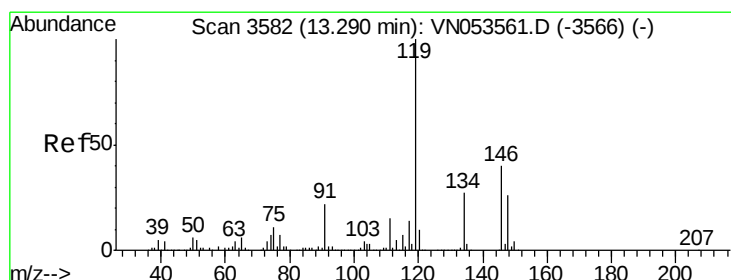
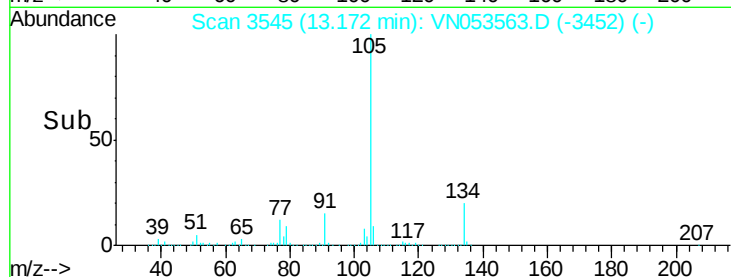
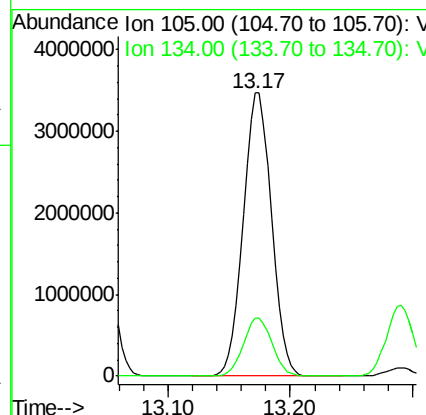
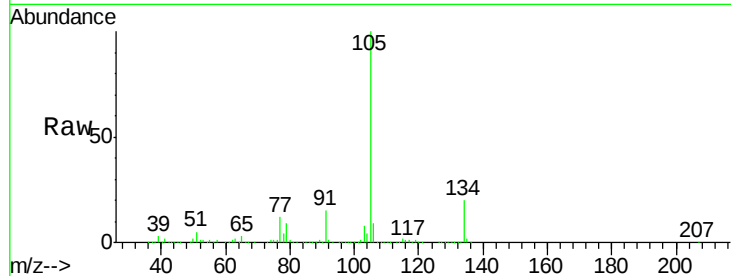
#85
 sec-Butylbenzene
 Concen: 151.998 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 5536738
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

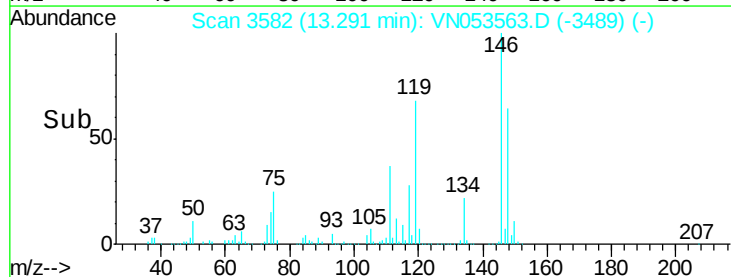
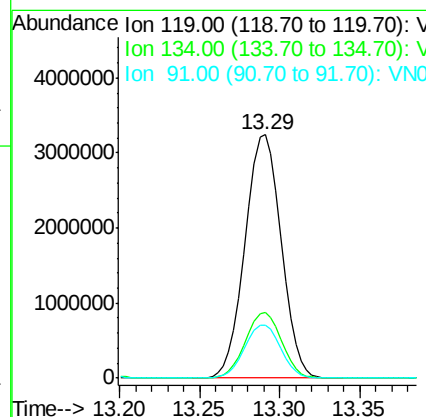
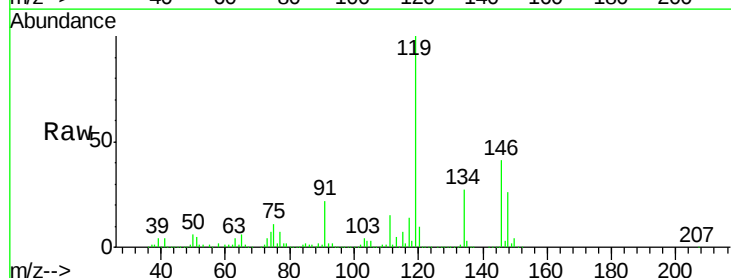
Manual Integrations
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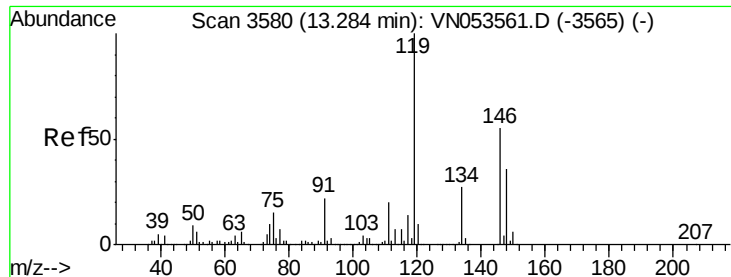
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 157.613 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion:119 Resp: 4990176
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.9 11.0 33.0





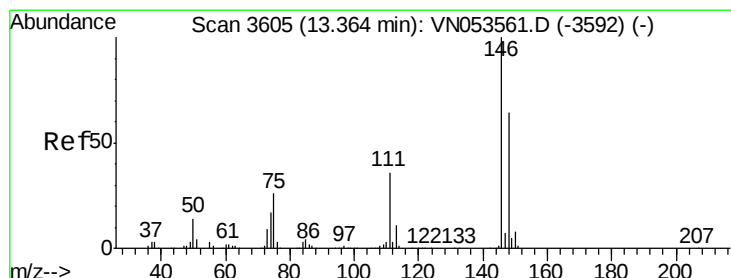
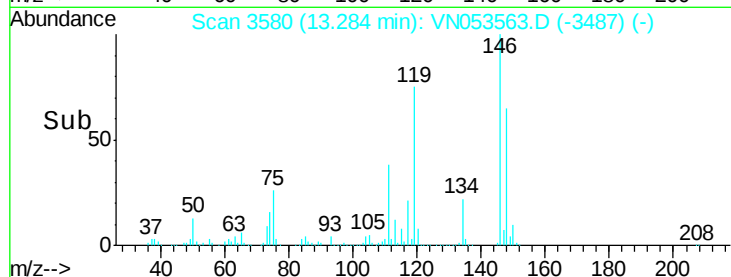
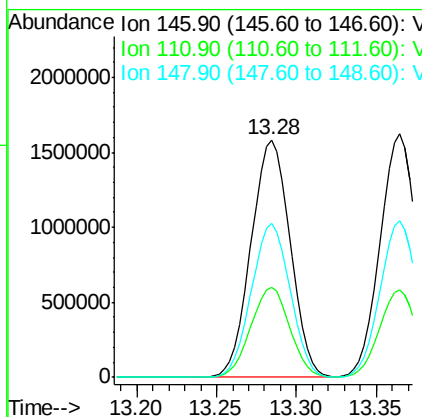
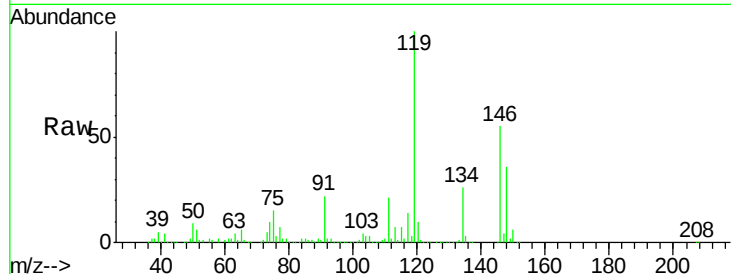
#87
 1,3-Dichlorobenzene
 Concen: 149.855 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 2657987
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.3
 148 64.3 32.0 96.2

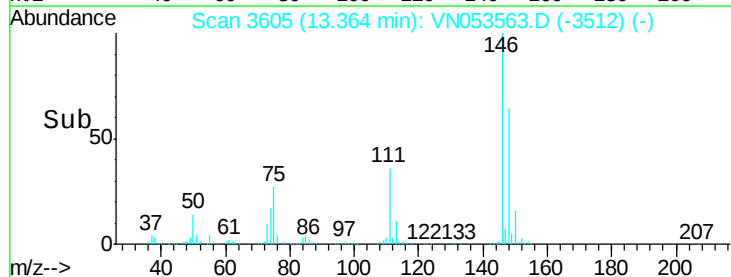
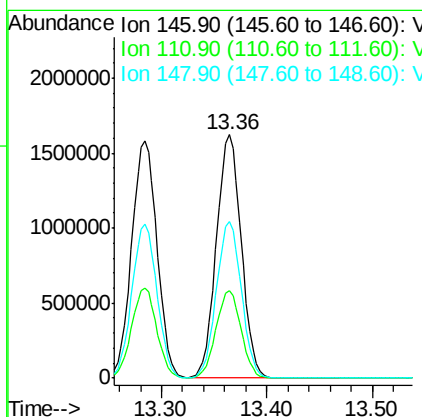
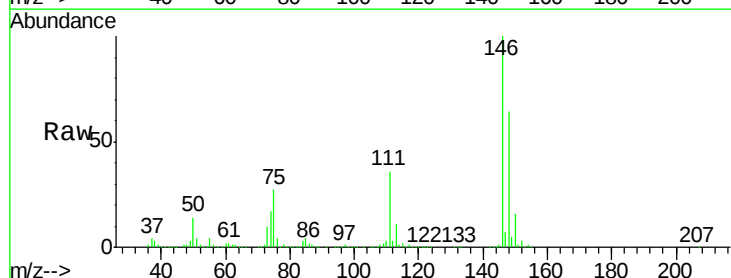
Manual Integrations
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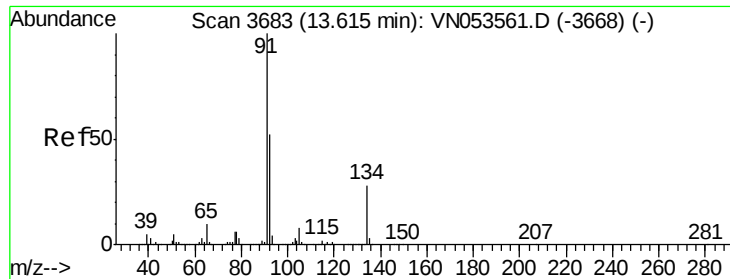
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 2/1/2019 9:18:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 151.046 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion:146 Resp: 2646648
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.6 55.8
 148 64.6 32.4 97.0





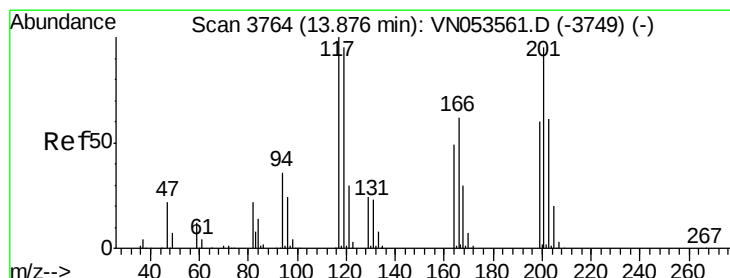
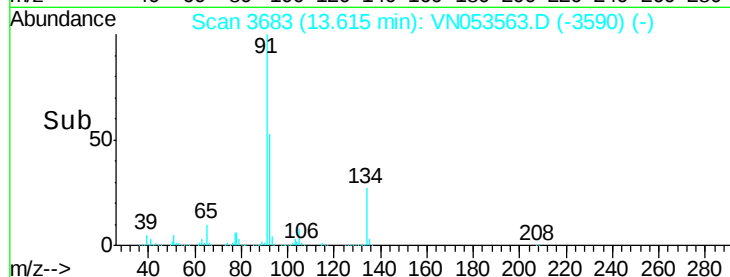
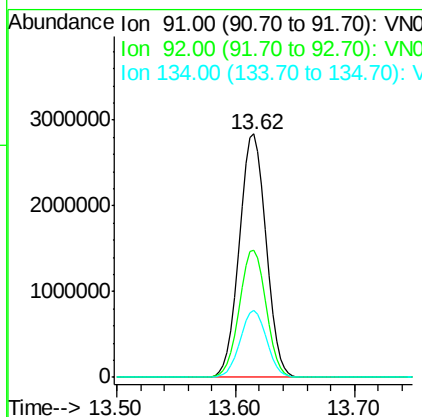
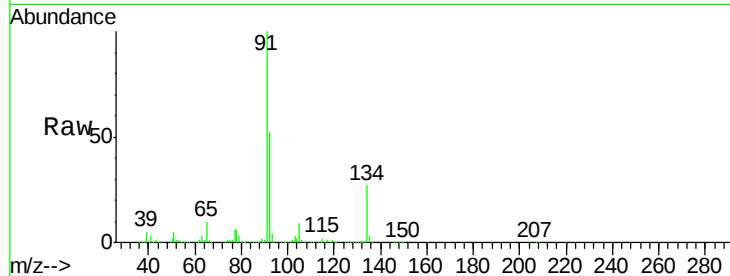
#89
n-Butylbenzene
Concen: 161.951 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 4417068
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 27.4 13.5 40.5

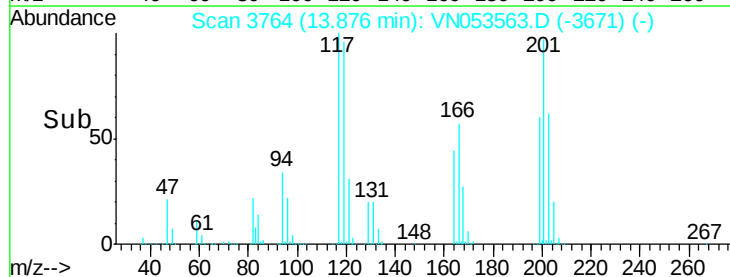
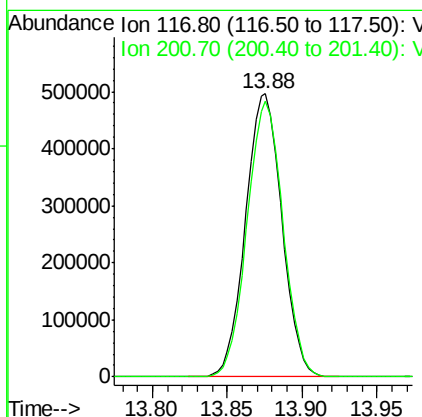
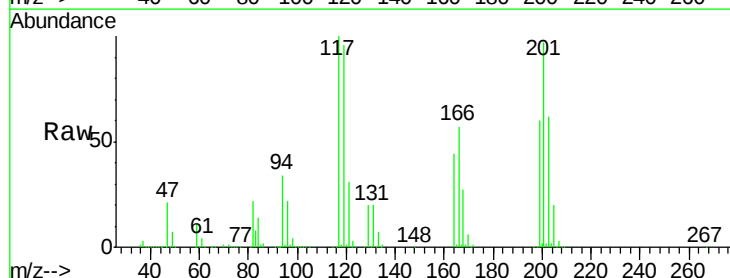
Manual Integrations
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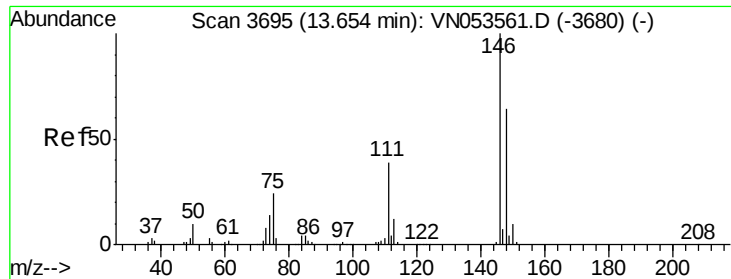
MMDadoda
2/1/2019 9:18:34 AM



#90
Hexachloroethane
Concen: 161.139 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053563.D
Acq: 30 Jan 2019 11:06

Tgt Ion: 117 Resp: 838273
Ion Ratio Lower Upper
117 100
201 96.2 46.8 140.4





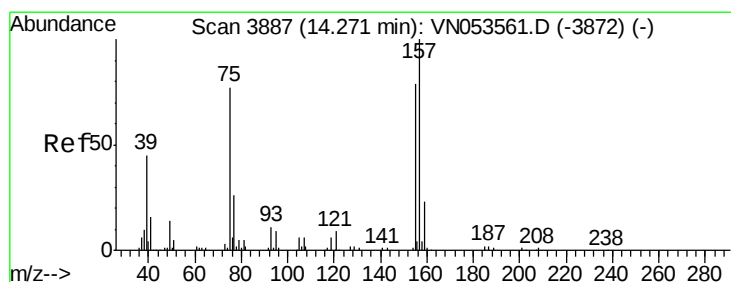
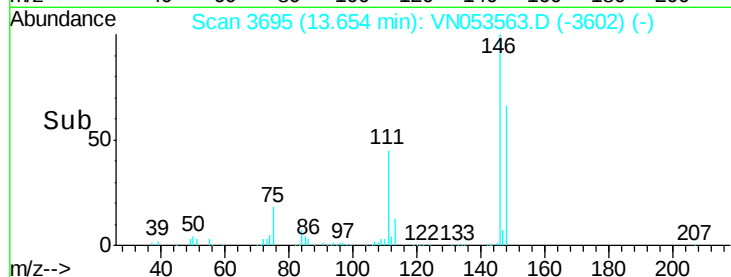
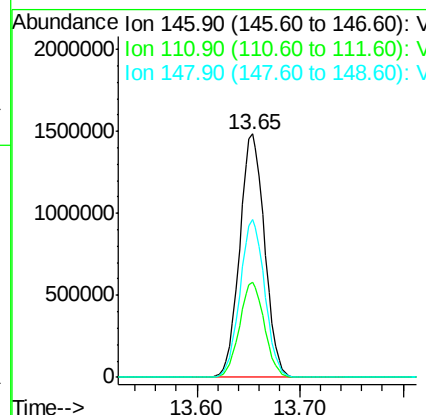
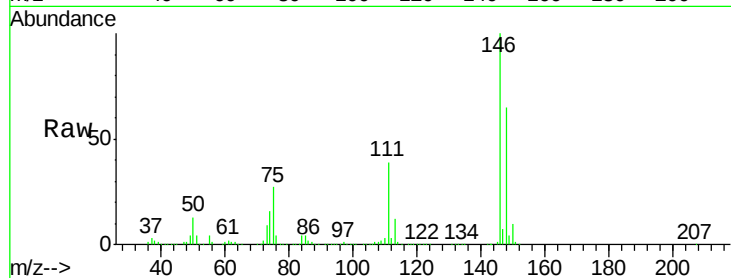
#91
 1,2-Dichlorobenzene
 Concen: 146.161 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	64.5	31.9	95.9

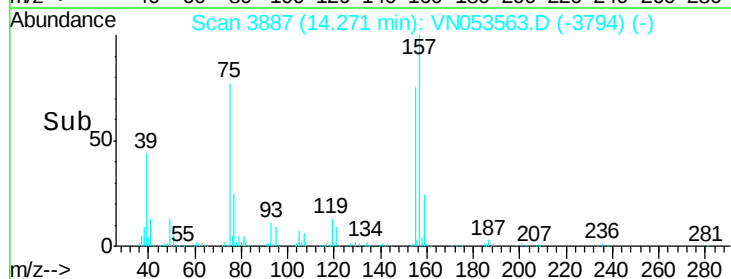
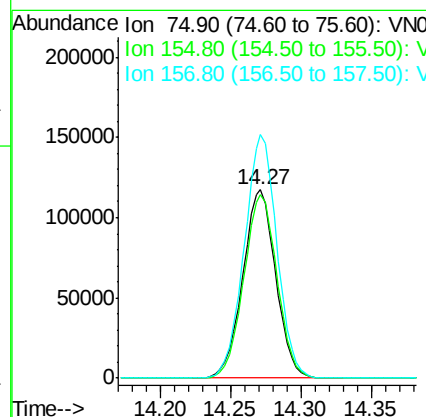
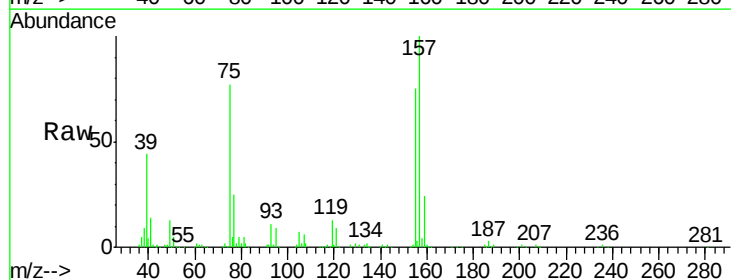
Manual Integrations
 APPROVED

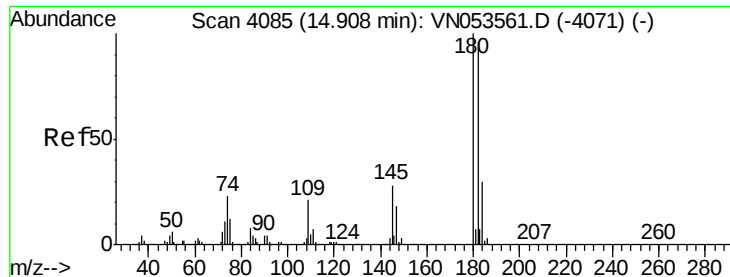
MMDadoda
 2/1/2019 9:18:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 154.401 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	48.9	146.7
157	128.5	63.7	191.3





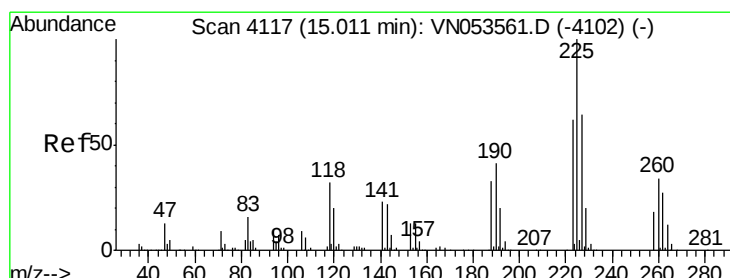
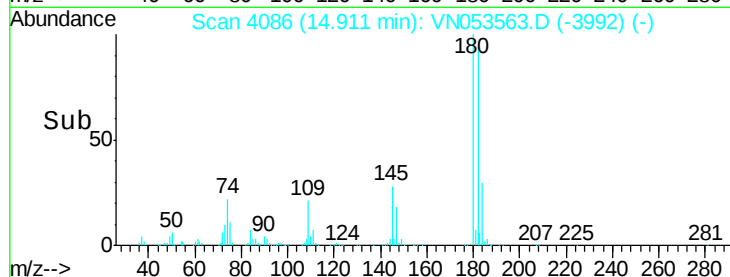
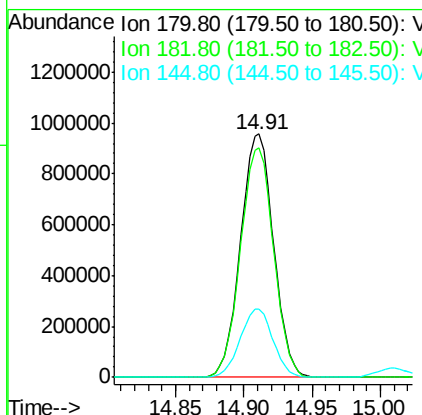
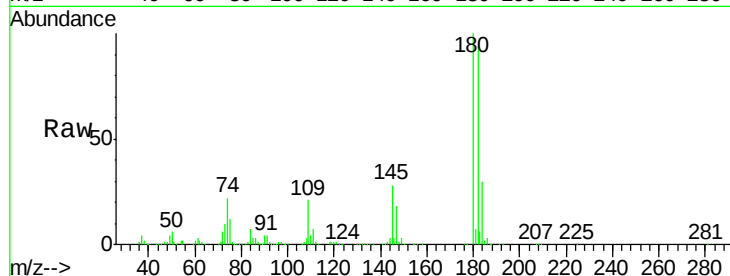
#93
 1,2,4-Trichlorobenzene
 Concen: 167.910 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.3
145	28.0	13.9	41.6

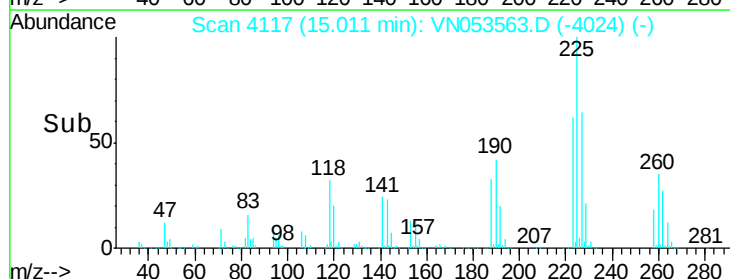
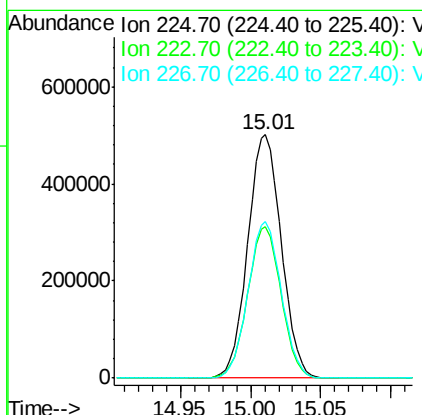
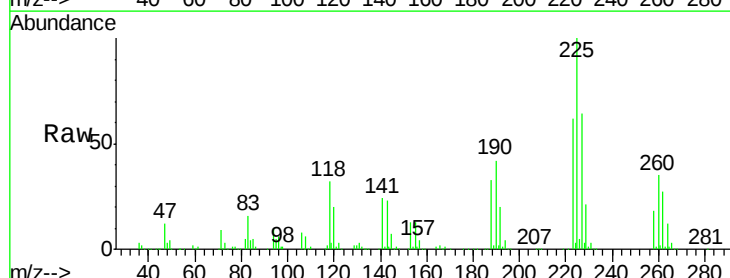
Manual Integrations
 APPROVED

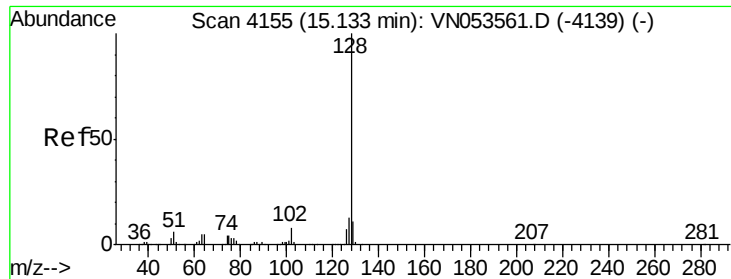
MMDadoda
 2/1/2019 9:18:34 AM



#94
 Hexachlorobutadiene
 Concen: 135.708 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053563.D
 Acq: 30 Jan 2019 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.1	93.2
227	63.6	32.0	96.2





#95

Naphthalene

Concen: 184.028 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 3517056

Ion Ratio Lower Upper

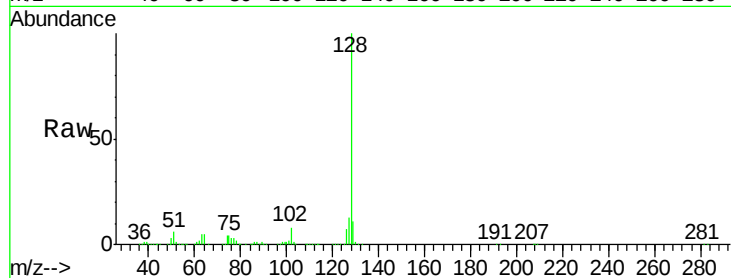
128 100

127 12.7 10.3 15.5

129 10.9 8.6 13.0

Manual Integrations
APPROVED

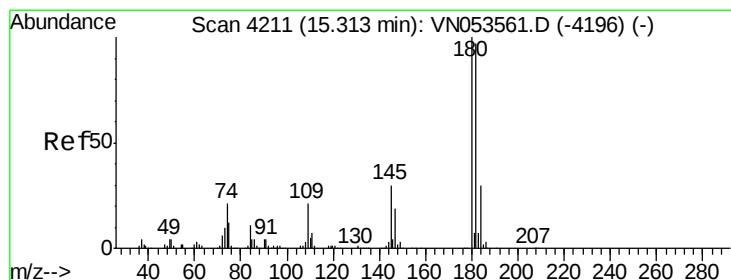
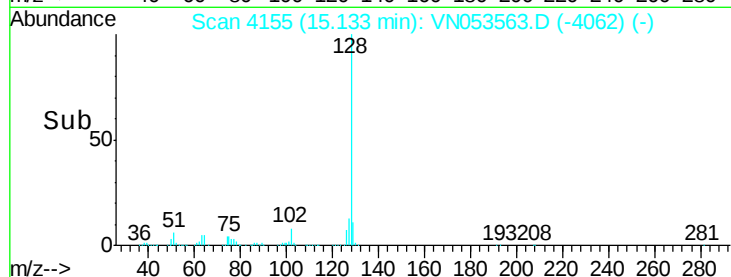
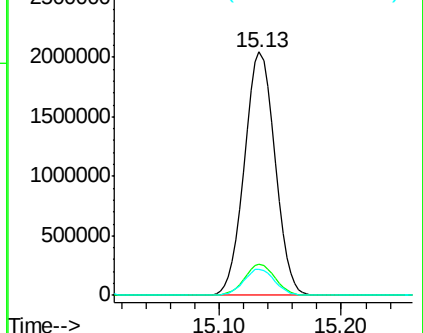
MMDadoda
2/1/2019 9:18:34 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 165.918 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053563.D

Acq: 30 Jan 2019 11:06

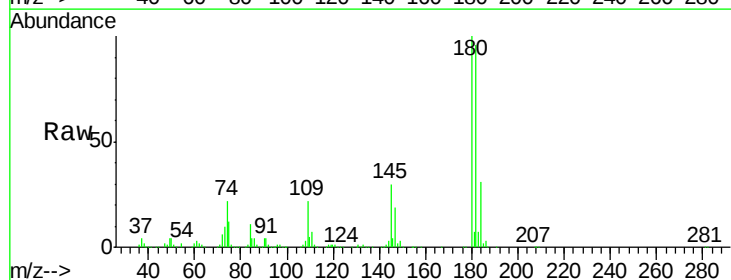
Tgt Ion:180 Resp: 1473010

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 29.5 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

