

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053579.D
 Acq On : 1 Feb 2019 16:28
 Operator : JC/SP
 Sample : VN0201WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:49:27 AM

Quant Time: Feb 01 23:36:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	680291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	911383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	435976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	353059	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	7.59	113	333970	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.09	98	1238731	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.40	95	409006	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	148678	19.593	ug/l	99
3) Chloromethane	2.06	50	160698	19.897	ug/l	99
4) Vinyl Chloride	2.19	62	162131	20.680	ug/l	97
5) Bromomethane	2.57	94	104783	20.441	ug/l	99
6) Chloroethane	2.71	64	89373	19.948	ug/l	99
7) Trichlorofluoromethane	3.02	101	214019	20.130	ug/l	99
8) Diethyl Ether	3.41	74	77748	20.024	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127574	19.402	ug/l	98
10) Methyl Iodide	3.96	142	197482	19.135	ug/l	99
11) Tert butyl alcohol	4.80	59	41711	103.271	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	128549	20.406	ug/l	96
13) Acrolein	3.61	56	13508	61.426	ug/l	95
14) Allyl chloride	4.32	41	200677	20.007	ug/l	99
15) Acrylonitrile	4.99	53	230129	105.542	ug/l	99
16) Acetone	3.82	43	164365	93.894	ug/l	98
17) Carbon Disulfide	4.06	76	372297	18.979	ug/l	99
18) Methyl Acetate	4.33	43	108672	20.962	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	329467	20.630	ug/l	99
20) Methylene Chloride	4.55	84	142109	19.350	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	132986	19.567	ug/l	98
22) Diisopropyl ether	5.95	45	377855	20.331	ug/l	93
23) Vinyl Acetate	5.90	43	1337421	104.021	ug/l	99
24) 1,1-Dichloroethane	5.85	63	251045	20.252	ug/l	99
25) 2-Butanone	6.84	43	245018	98.139	ug/l	97
26) 2,2-Dichloropropane	6.82	77	180760	19.102	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	152406	20.166	ug/l	99
28) Bromochloromethane	7.19	49	109407	20.338	ug/l	98
29) Tetrahydrofuran	7.21	42	167317	104.366	ug/l	98
30) Chloroform	7.37	83	243872	19.846	ug/l	99
31) Cyclohexane	7.65	56	224176	19.319	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	203607	19.910	ug/l	98
36) 1,1-Dichloropropene	7.79	75	175373	18.509	ug/l	96
37) Ethyl Acetate	6.93	43	109598	20.711	ug/l	98
38) Carbon Tetrachloride	7.77	117	183976	19.275	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	198464	17.655	ug/l	98
40) Benzene	8.04	78	572382	19.590	ug/l	100
41) Methacrylonitrile	7.18	41	64769	21.899	ug/l	94
42) 1,2-Dichloroethane	8.12	62	167023	19.252	ug/l	98
43) Isopropyl Acetate	8.17	43	205630	20.121	ug/l #	86
44) Trichloroethene	8.83	130	160570	19.303	ug/l	100
45) 1,2-Dichloropropane	9.12	63	148909	19.926	ug/l	100
46) Dibromomethane	9.21	93	88244	19.588	ug/l	98
47) Bromodichloromethane	9.40	83	185268	19.779	ug/l	99
48) Methyl methacrylate	9.20	41	98251	20.141	ug/l	99
49) 1,4-Dioxane	9.21	88	27390	411.438	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	507884	101.133	ug/l	99
52) Toluene	10.16	92	344631	19.874	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	175505	18.712	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	214978	19.342	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	128151	20.509	ug/l	96
56) Ethyl methacrylate	10.43	69	144992	19.614	ug/l	100
57) 1,3-Dichloropropane	10.71	76	214439	20.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	404827	93.485	ug/l	99
59) 2-Hexanone	10.75	43	322350	94.552	ug/l	99
60) Dibromochloromethane	10.90	129	138448	19.648	ug/l	100
61) 1,2-Dibromoethane	11.01	107	117651	19.023	ug/l	99
64) Tetrachloroethene	10.63	164	148042	18.949	ug/l	97
65) Chlorobenzene	11.43	112	376970	19.473	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	132339	19.574	ug/l	99
67) Ethyl Benzene	11.51	91	620712	19.519	ug/l	100
68) m/p-Xylenes	11.62	106	480934	39.625	ug/l	100
69) o-Xylene	11.95	106	235175	20.057	ug/l	98
70) Styrene	11.96	104	379597	19.973	ug/l	99
71) Bromoform	12.13	173	94250	20.334	ug/l #	99
73) Isopropylbenzene	12.25	105	613310	20.011	ug/l	100
74) N-amyl acetate	12.07	43	139950	18.989	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	146605	19.987	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	121258m	21.654	ug/l	
77) Bromobenzene	12.53	156	161311	19.529	ug/l	100
78) n-propylbenzene	12.59	91	705435	19.911	ug/l	100
79) 2-Chlorotoluene	12.67	91	418233	19.897	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	522593	20.562	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35716	17.935	ug/l	96
82) 4-Chlorotoluene	12.77	91	421426	19.538	ug/l	99
83) tert-Butylbenzene	12.99	119	459284	20.447	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	529612	20.454	ug/l	99
85) sec-Butylbenzene	13.17	105	618171	20.223	ug/l	100
86) p-Isopropyltoluene	13.29	119	538495	20.143	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	284582	19.166	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	278212	18.941	ug/l	100
89) n-Butylbenzene	13.61	91	447566	19.342	ug/l	99
90) Hexachloroethane	13.88	117	86681	19.657	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	278605	19.599	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20884	19.978	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	156223	19.162	ug/l	100
94) Hexachlorobutadiene	15.01	225	97961	19.294	ug/l	99
95) Naphthalene	15.13	128	332702	18.505	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	149597	19.775	ug/l	98

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

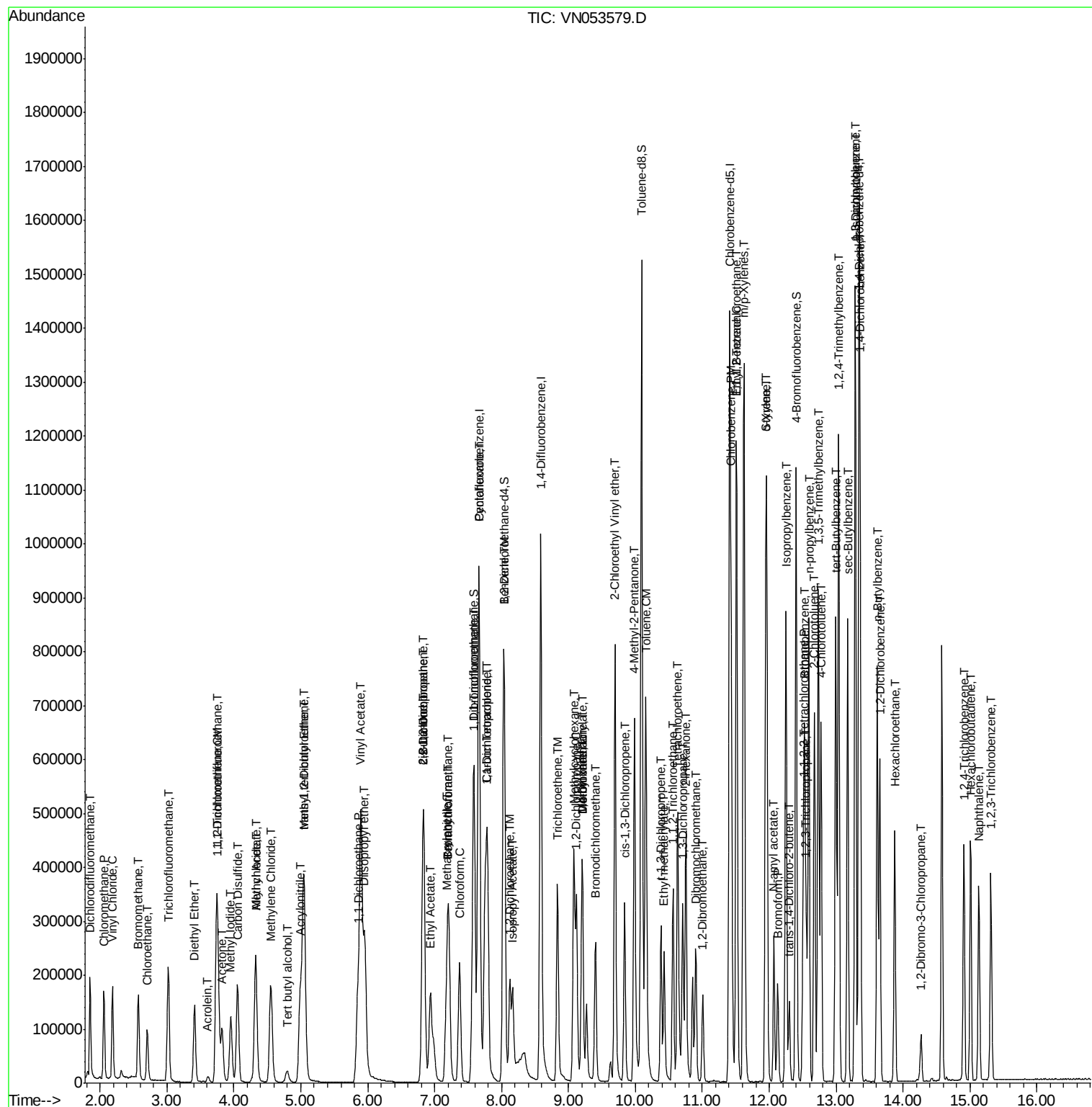
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
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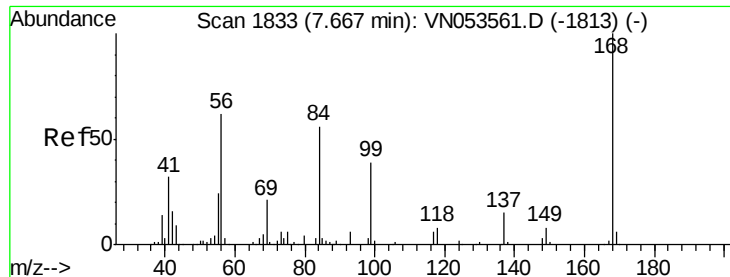
Instrument :
MSVOA_N
Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

Tgt Ion: 168 Resp: 680291

Ion Ratio Lower Upper

168 100

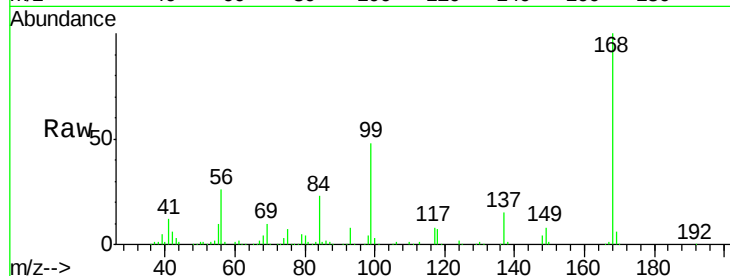
99 47.8 39.1 58.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

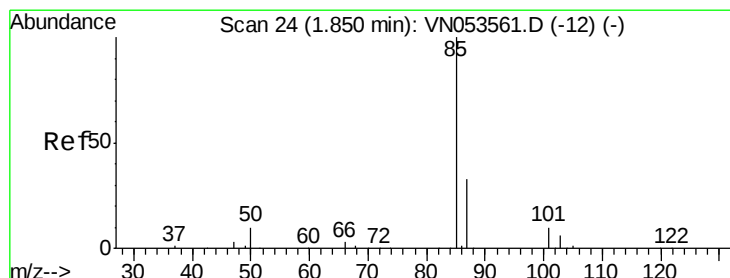
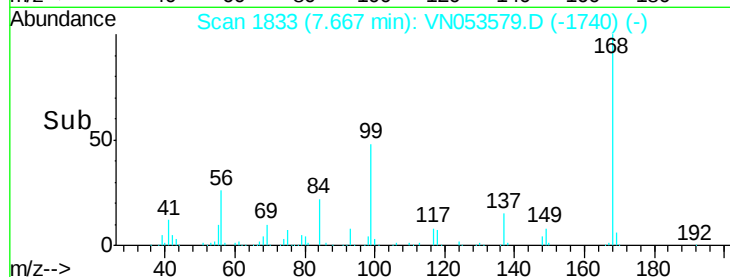
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50000

0

7.60 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.593 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053579.D

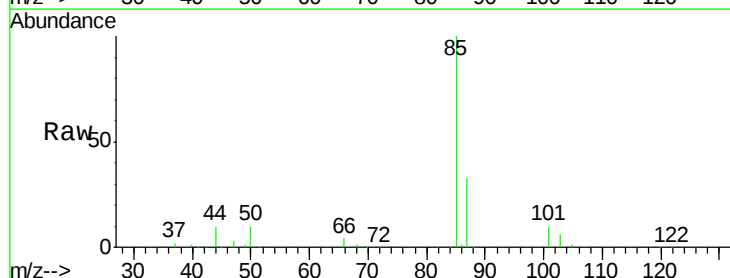
Acq: 1 Feb 2019 16:28

Tgt Ion: 85 Resp: 148678

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

60000

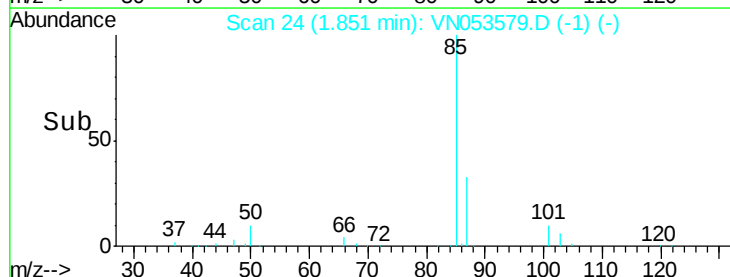
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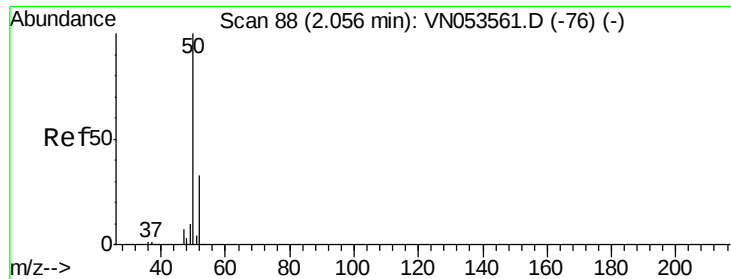
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.897 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

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ClientSampleId :

VN0201WBSD01

Tgt Ion: 50 Resp: 160698

Ion Ratio Lower Upper

50 100

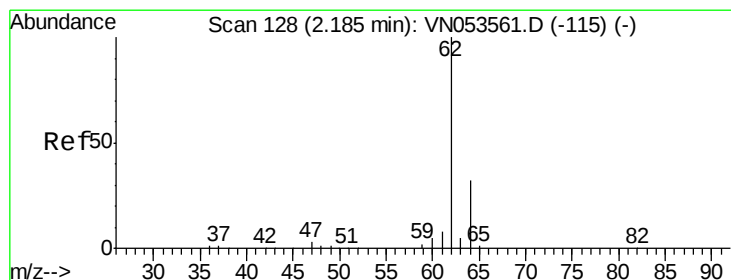
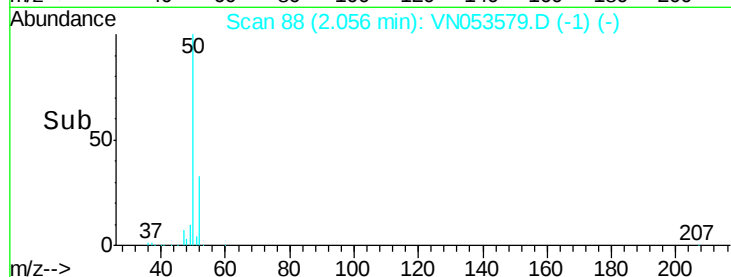
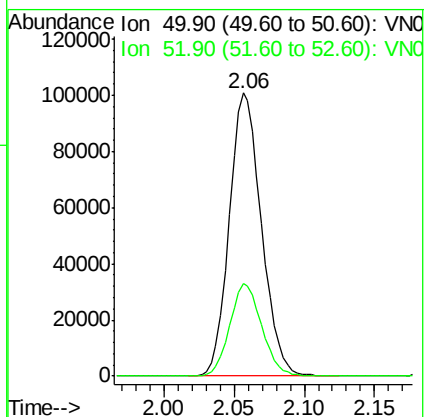
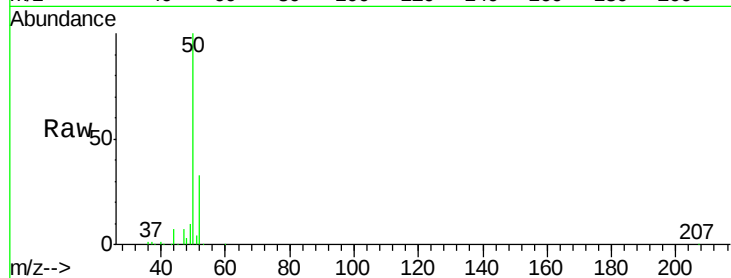
52 32.5 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.680 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN053579.D

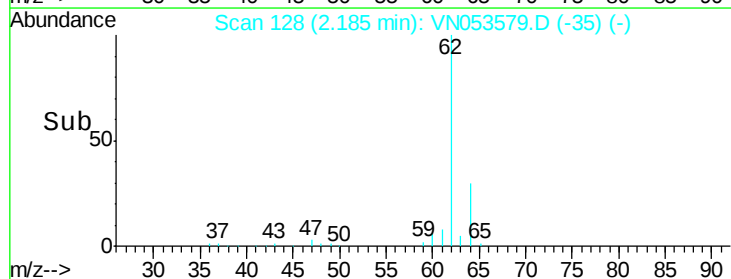
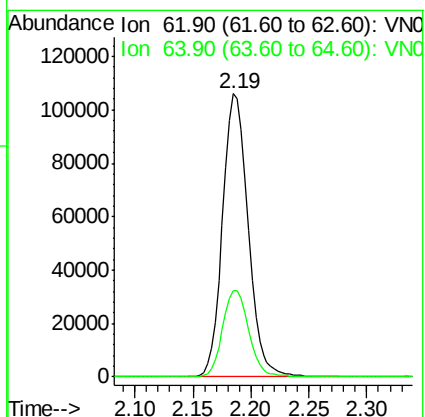
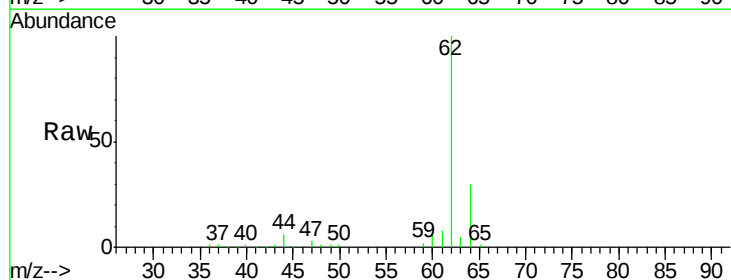
Acq: 1 Feb 2019 16:28

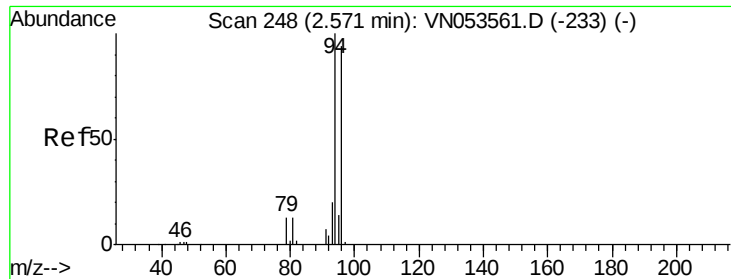
Tgt Ion: 62 Resp: 162131

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.2





#5

Bromomethane

Concen: 20.441 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 104783

Ion Ratio Lower Upper

94 100

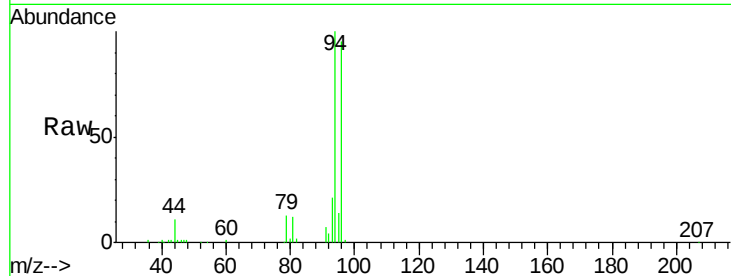
96 94.6 76.8 115.2

Manual Integrations

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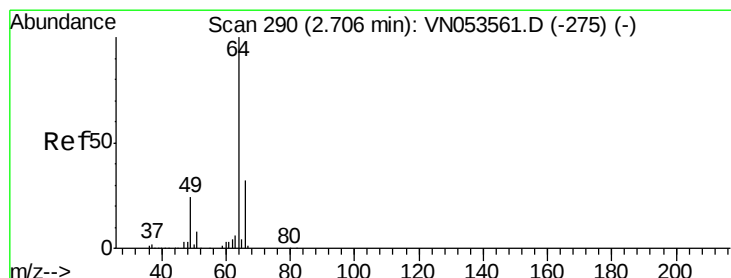
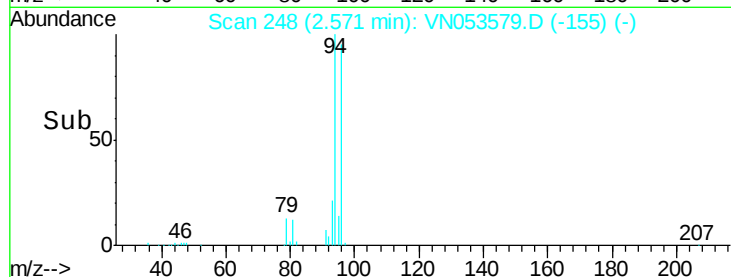
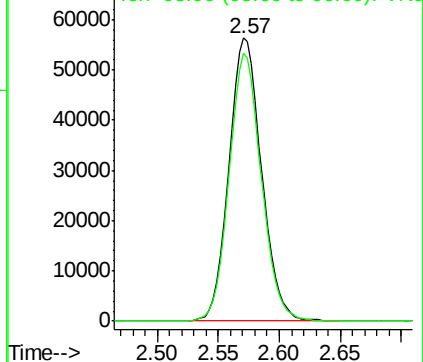
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.948 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053579.D

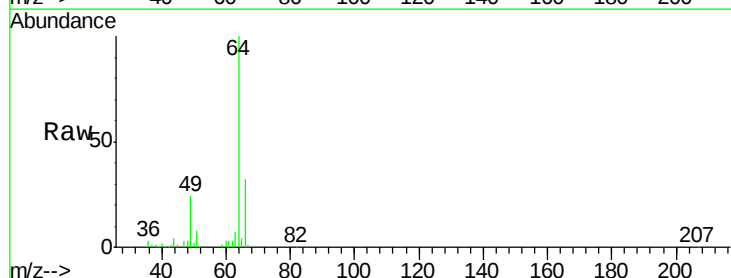
Acq: 1 Feb 2019 16:28

Tgt Ion: 64 Resp: 89373

Ion Ratio Lower Upper

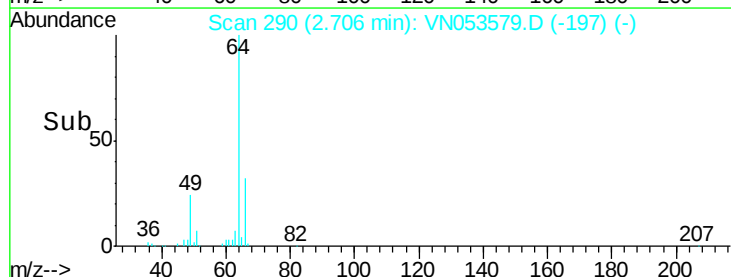
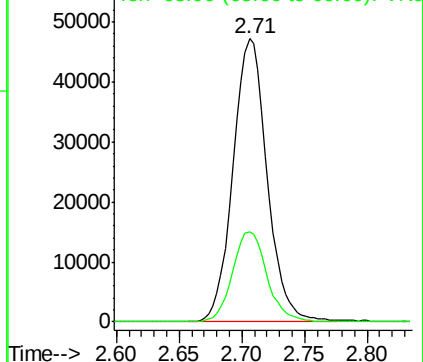
64 100

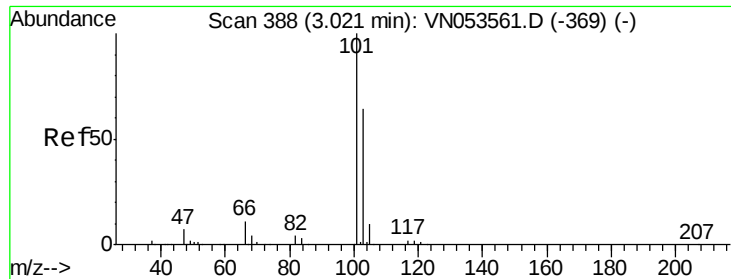
66 31.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

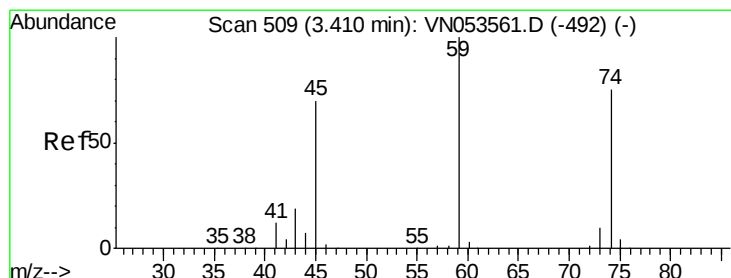
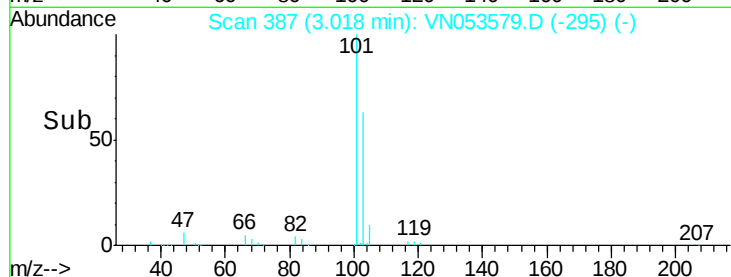
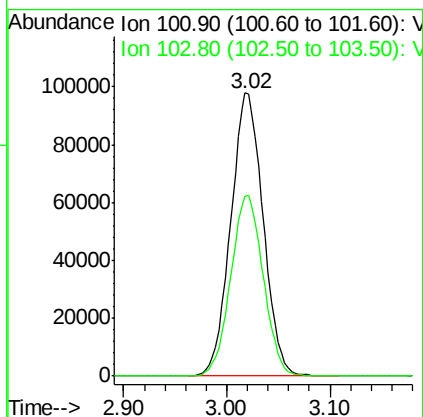
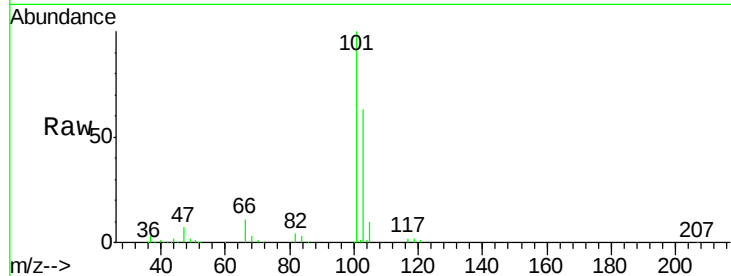
Trichlorofluoromethane
Concen: 20.130 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion: 101 Resp: 214019
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

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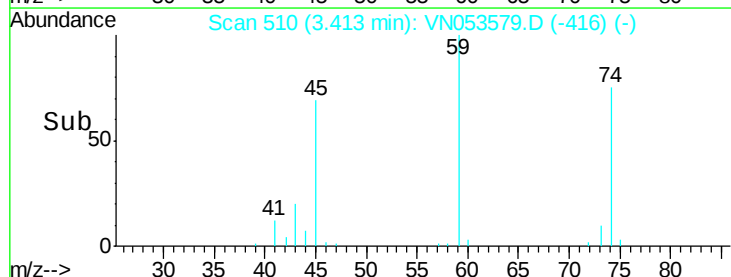
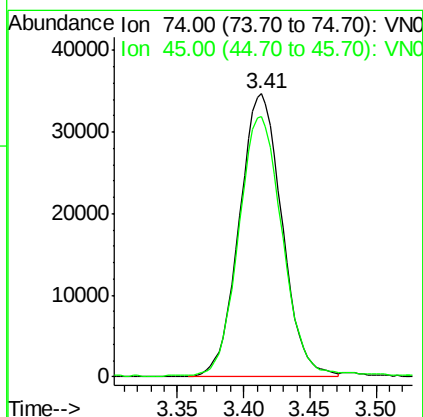
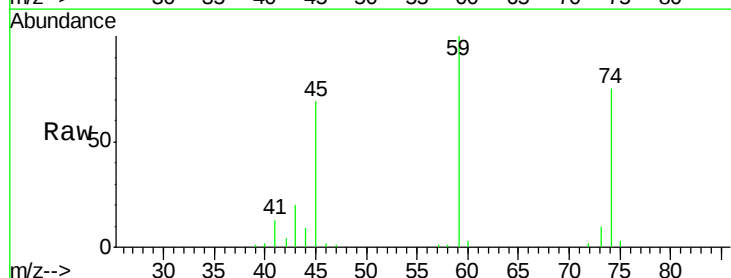
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#8

Diethyl Ether
Concen: 20.024 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion: 74 Resp: 77748
Ion Ratio Lower Upper
74 100
45 95.1 47.9 143.7





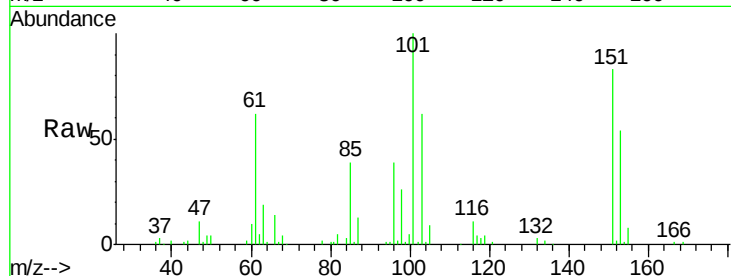
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.402 ug/l
RT: 3.76 min Scan# 619
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	127574		
85	40.5	32.8	49.2	
151	85.5	66.9	100.3	

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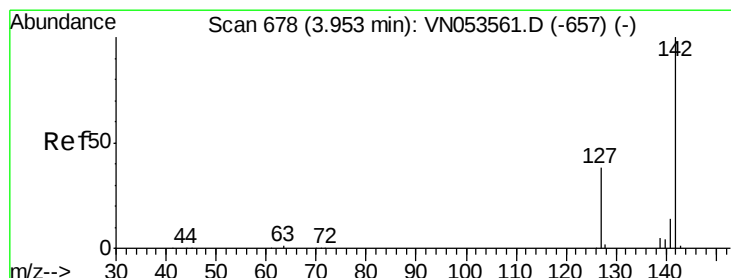
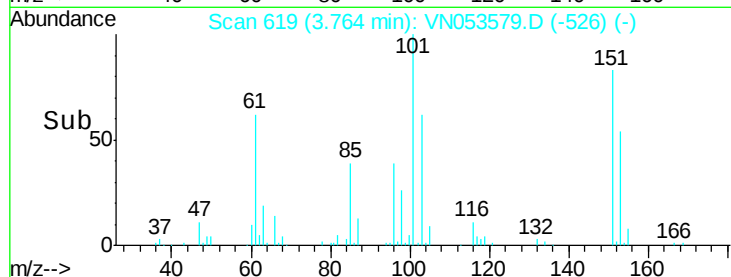
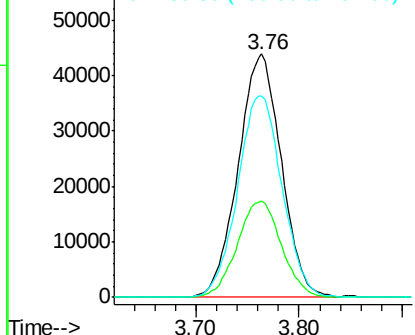


Abundance

Ion 100.90 (100.60 to 101.60): V

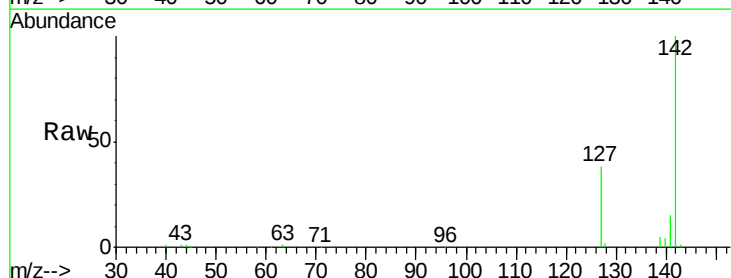
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 19.135 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	197482		
127	38.2	31.0	46.4	
141	14.3	11.1	16.7	

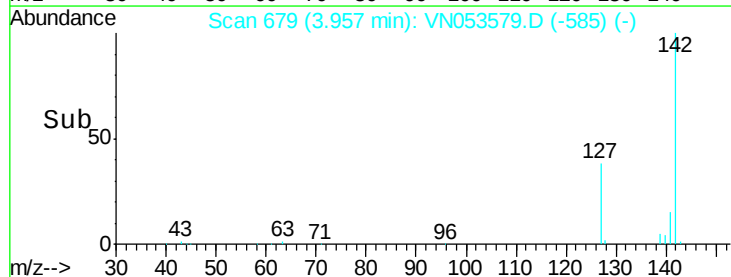
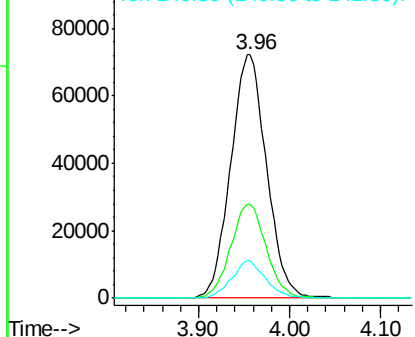


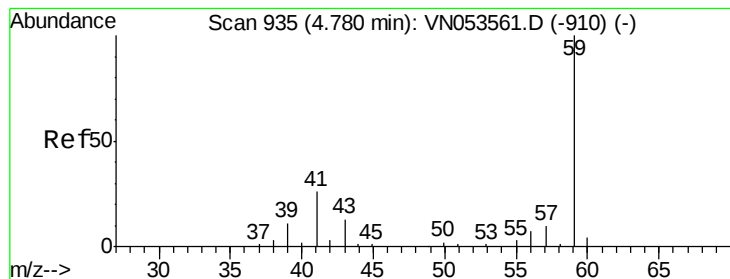
Abundance

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

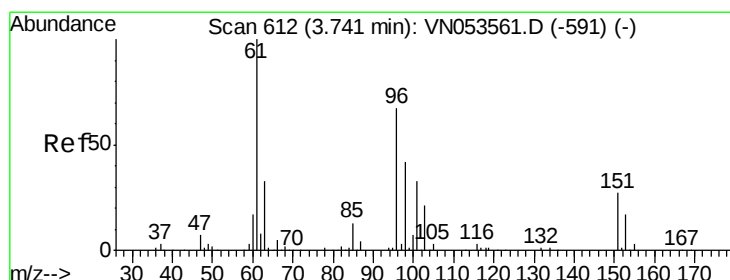
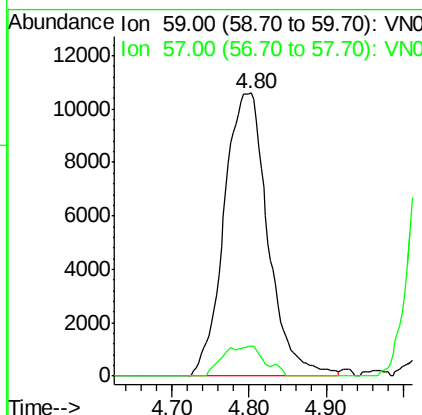
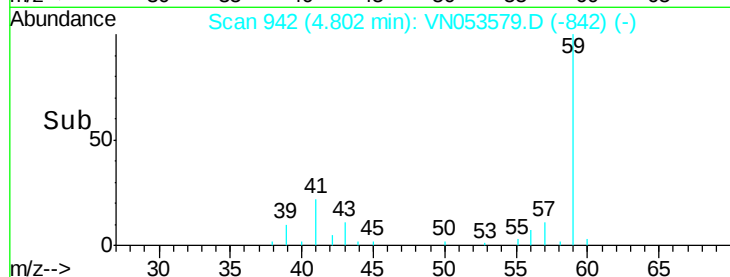
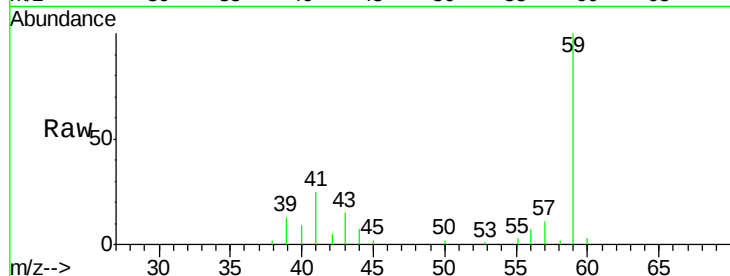
Tert butyl alcohol
 Concen: 103.271 ug/l
 RT: 4.80 min Scan# 942
 Delta R.T. 0.02 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Tgt Ion: 59 Resp: 41711
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

Manual Integrations
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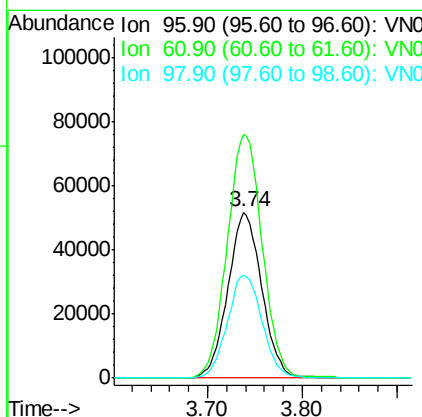
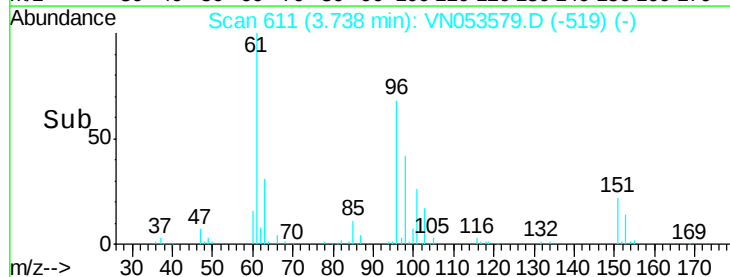
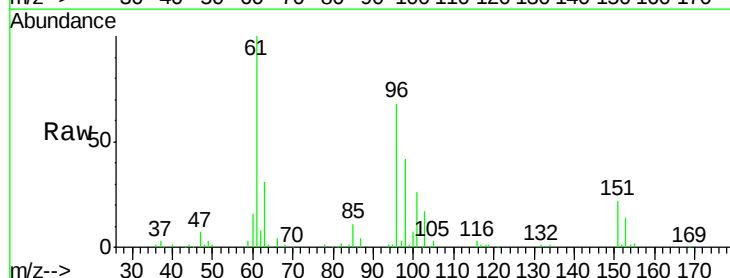
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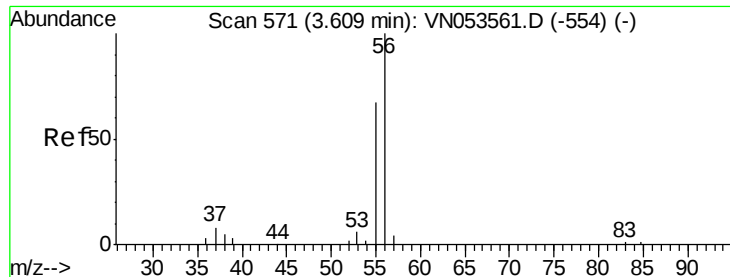


#12

1,1-Dichloroethene
 Concen: 20.406 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion: 96 Resp: 128549
 Ion Ratio Lower Upper
 96 100
 61 146.6 122.9 184.3
 98 62.2 49.4 74.0





#13

Acrolein

Concen: 61.426 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

Tgt Ion: 56 Resp: 13508

Ion Ratio Lower Upper

56 100

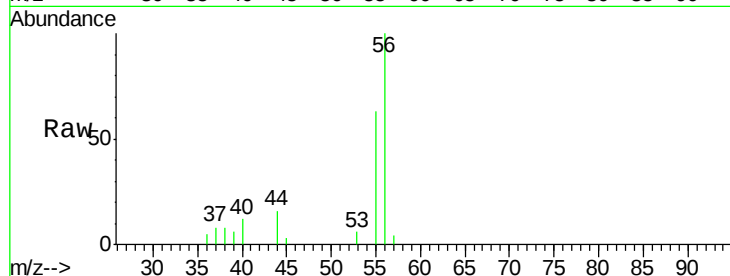
55 67.9 57.4 86.0

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

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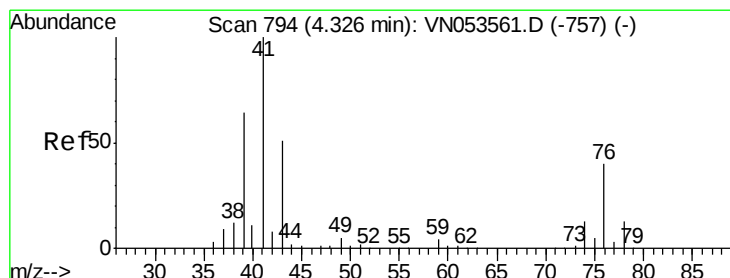
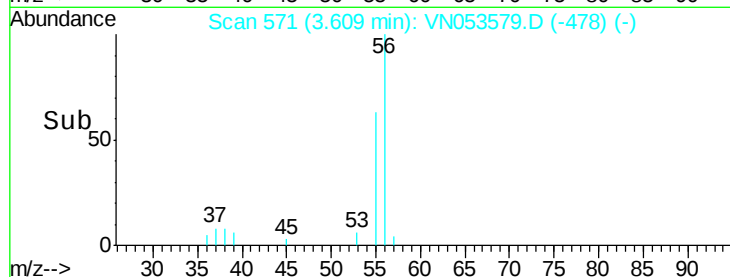
3.61

3.61

3.61

3.61

3.61



#14

Allyl chloride

Concen: 20.007 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

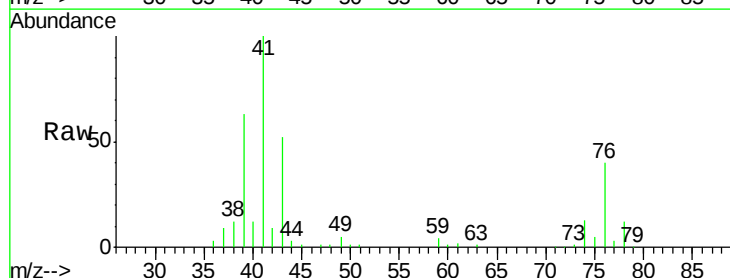
Tgt Ion: 41 Resp: 200677

Ion Ratio Lower Upper

41 100

39 61.8 48.9 73.3

76 37.8 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

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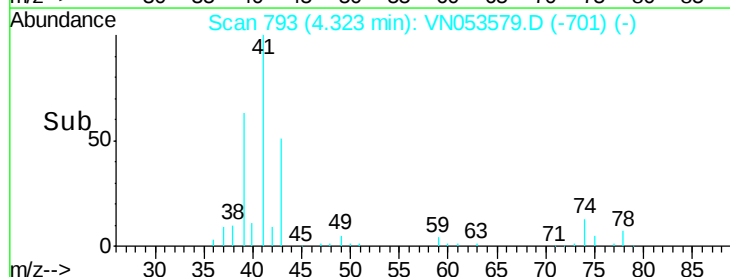
4.32

4.32

4.32

4.32

4.32



Time-->



#15

Acrylonitrile

Concen: 105.542 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

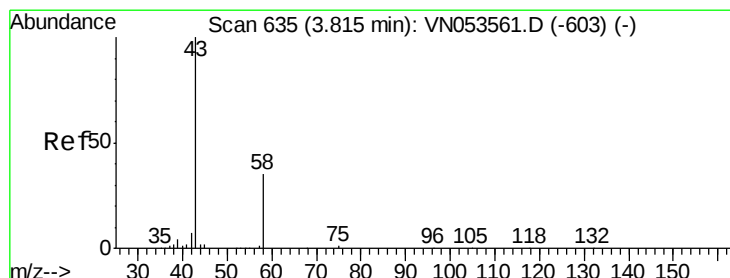
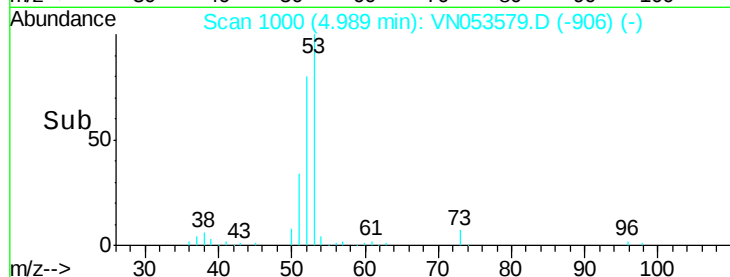
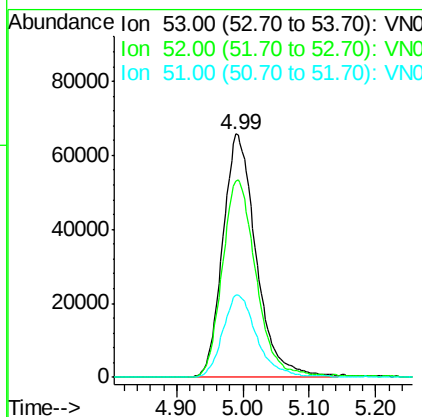
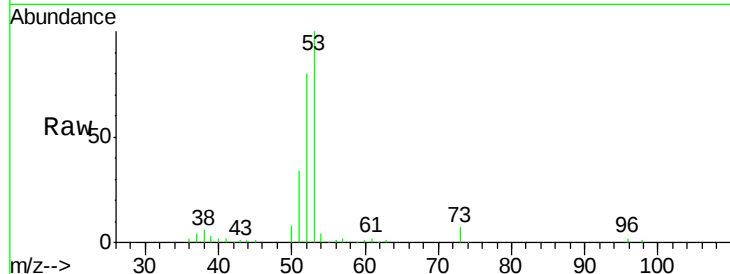
ClientSampleId :

VN0201WBSD01

Tgt Ion:	53	Resp:	230129
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	34.5	28.3	42.5

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#16

Acetone

Concen: 93.894 ug/l

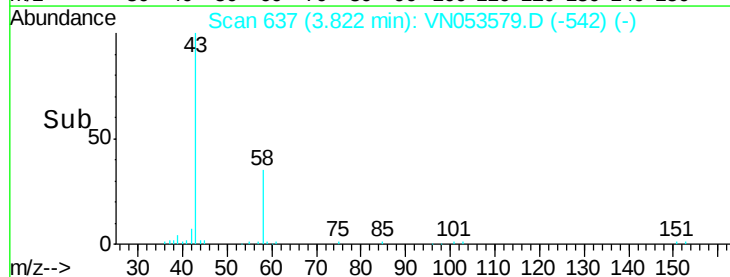
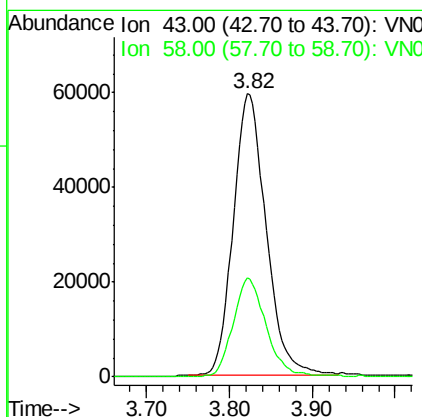
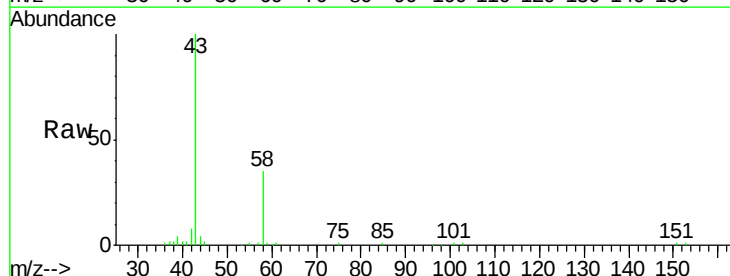
RT: 3.82 min Scan# 637

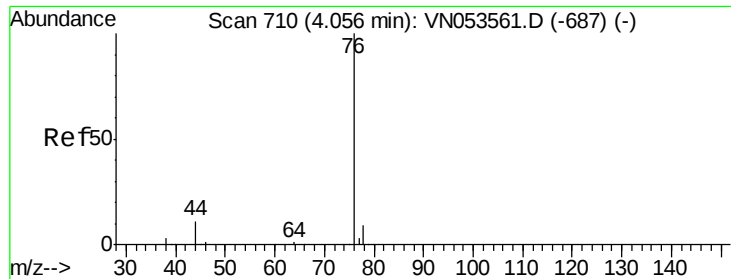
Delta R.T. 0.01 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion:	43	Resp:	164365
Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.1	40.7





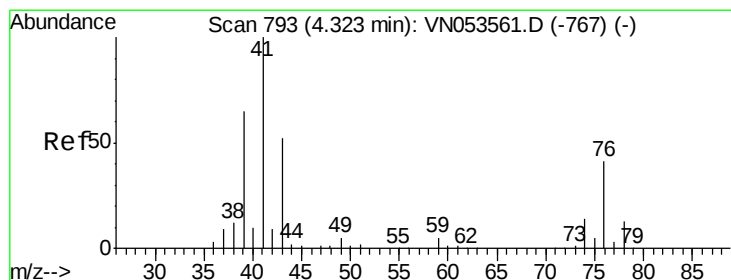
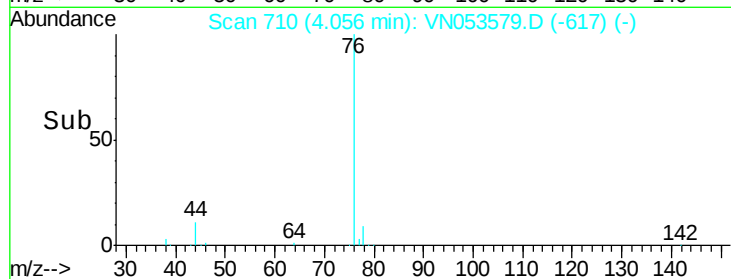
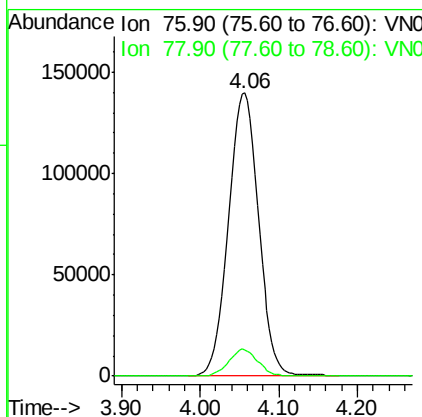
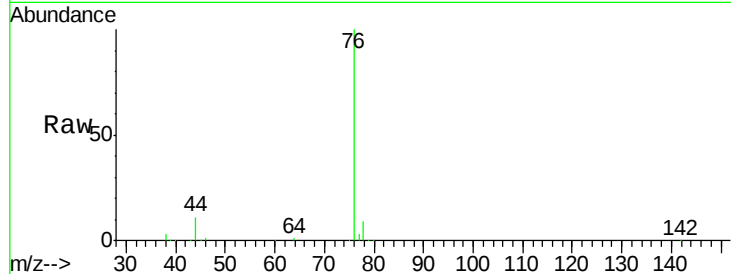
#17
Carbon Disulfide
Concen: 18.979 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion: 76 Resp: 372297
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

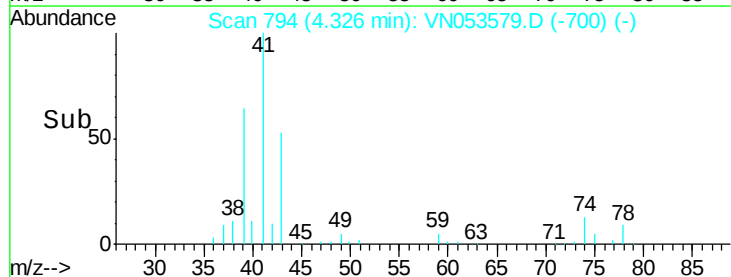
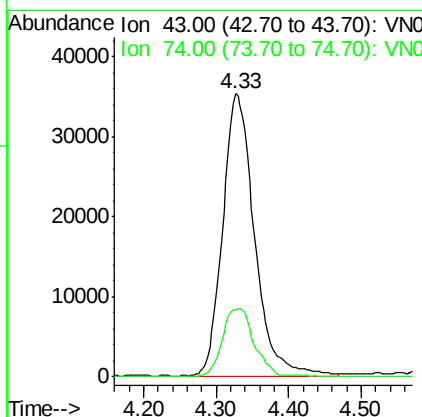
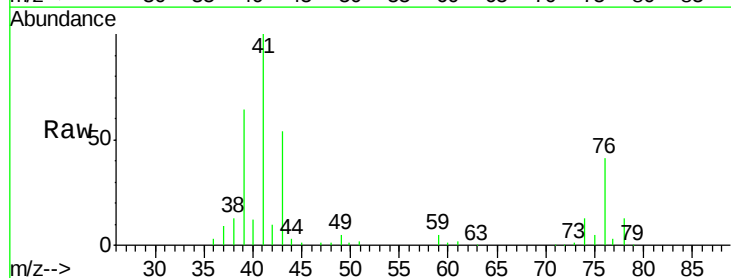
Manual Integrations
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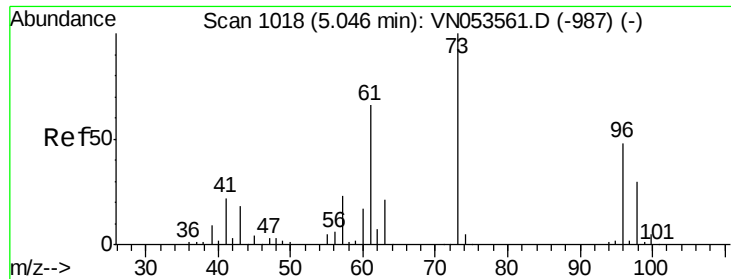
MMDadoda
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#18
Methyl Acetate
Concen: 20.962 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion: 43 Resp: 108672
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2





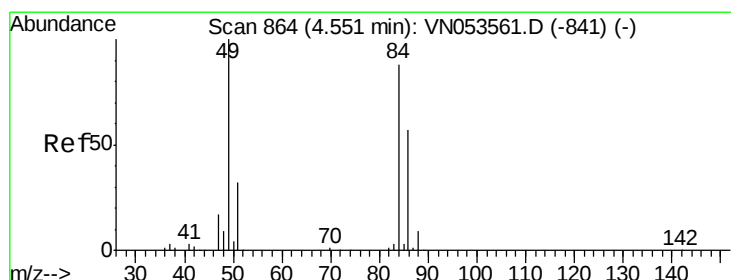
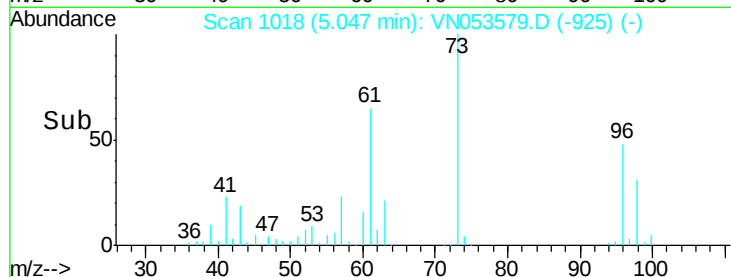
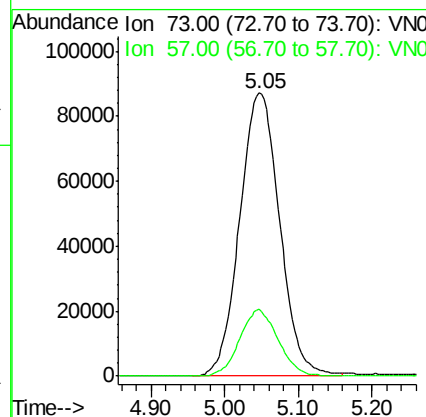
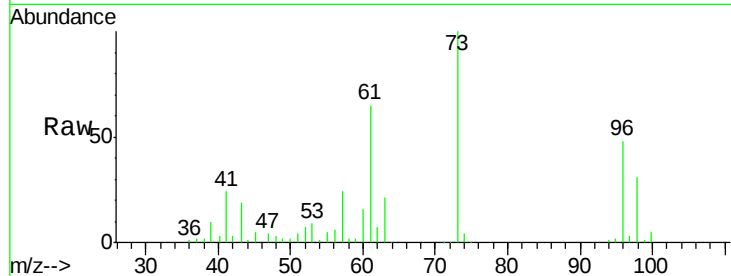
#19
Methyl tert-butyl Ether
Concen: 20.630 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion: 73 Resp: 329467
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5

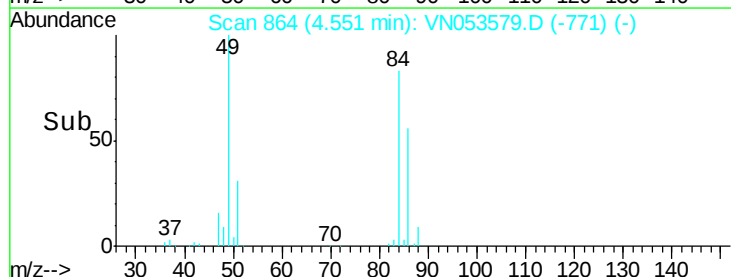
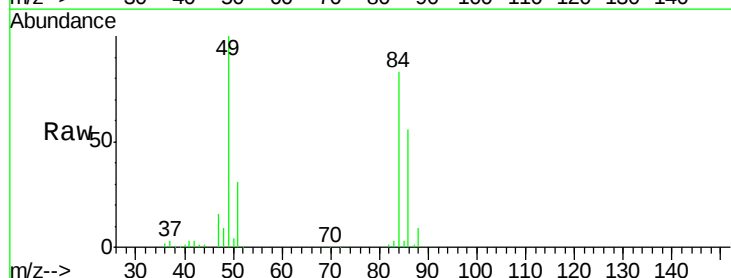
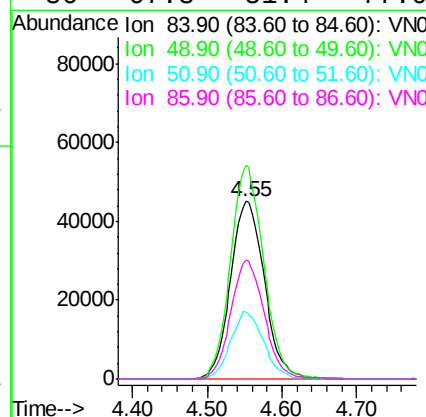
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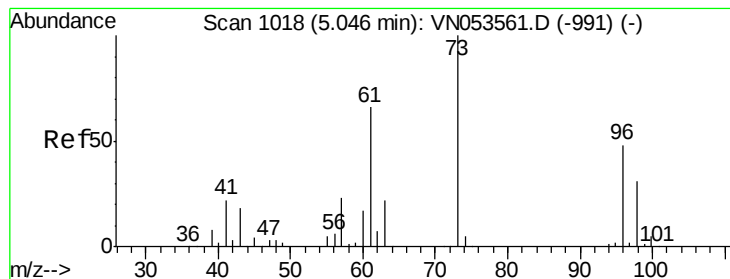
MMDadoda
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#20
Methylene Chloride
Concen: 19.350 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion: 84 Resp: 142109
Ion Ratio Lower Upper
84 100
49 120.4 94.3 141.5
51 37.7 29.4 44.2
86 67.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.567 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

Tgt Ion: 96 Resp: 132986

Ion Ratio Lower Upper

96 100

61 135.8 110.1 165.1

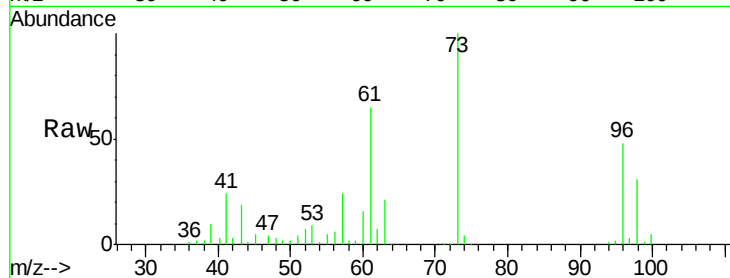
98 65.5 50.0 75.0

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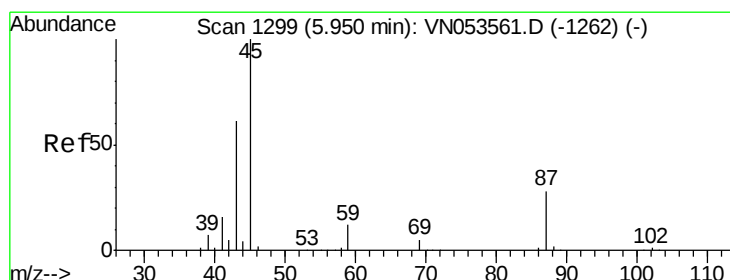
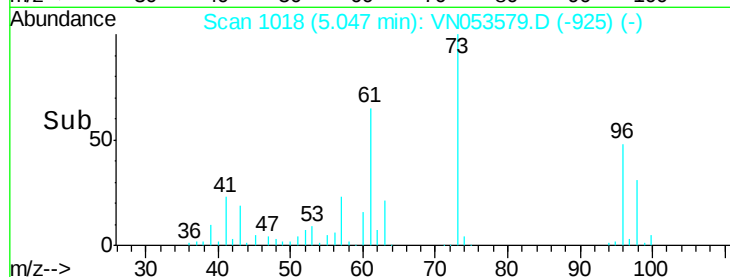
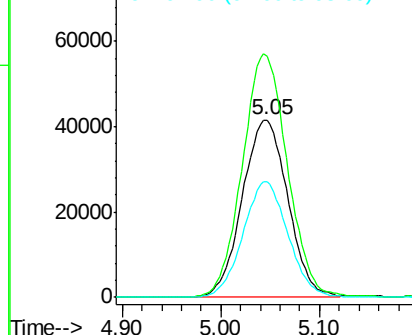
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Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 20.331 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion: 45 Resp: 377855

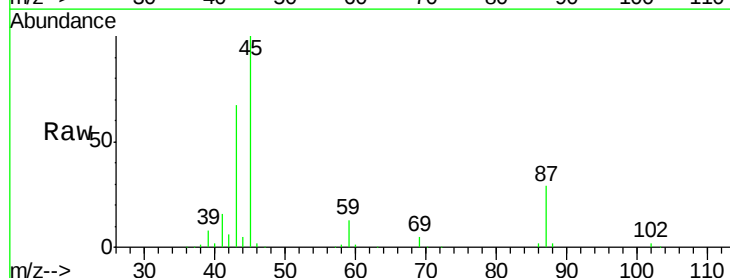
Ion Ratio Lower Upper

45 100

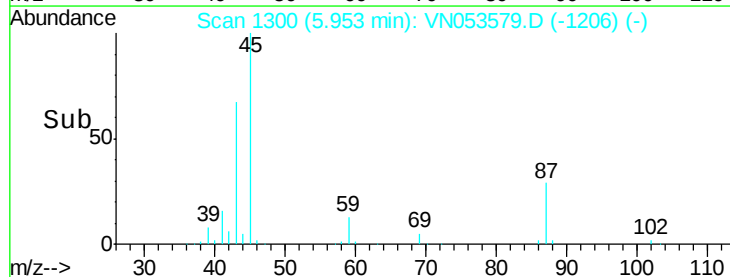
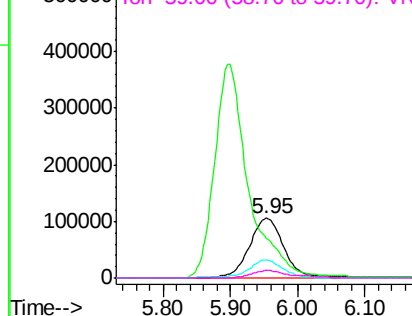
43 63.6 44.2 66.4

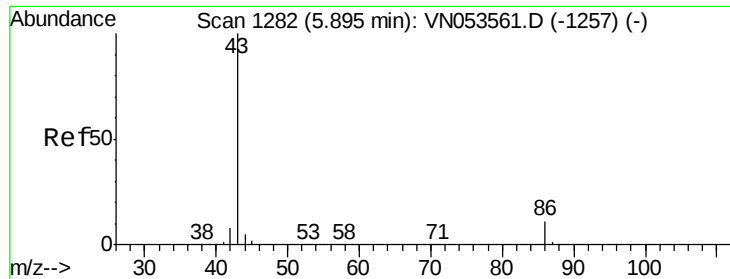
87 28.6 22.7 34.1

59 12.2 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





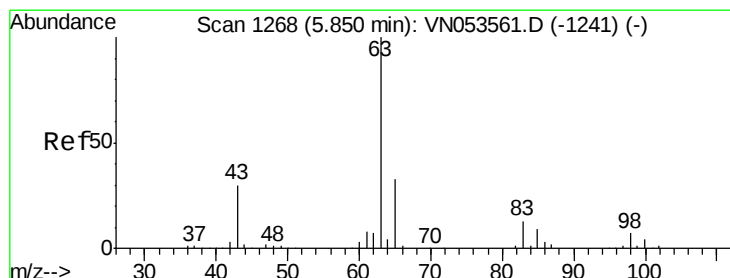
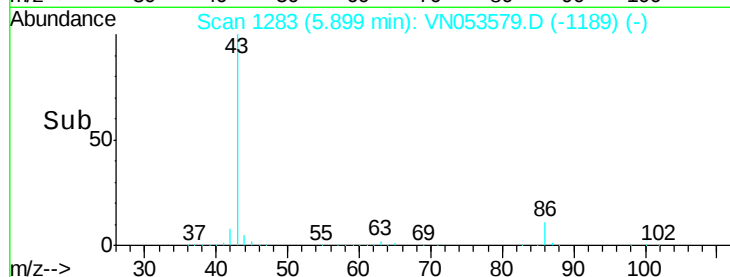
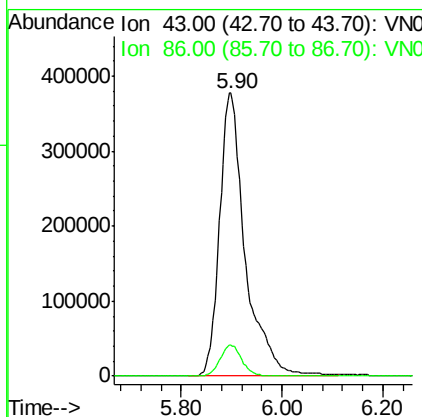
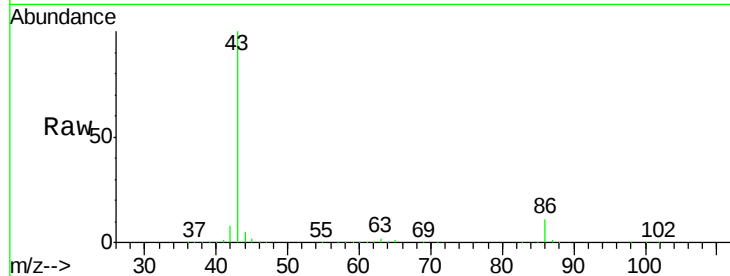
#23
 Vinyl Acetate
 Concen: 104.021 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Tgt Ion: 43 Resp: 1337421
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.4 12.6

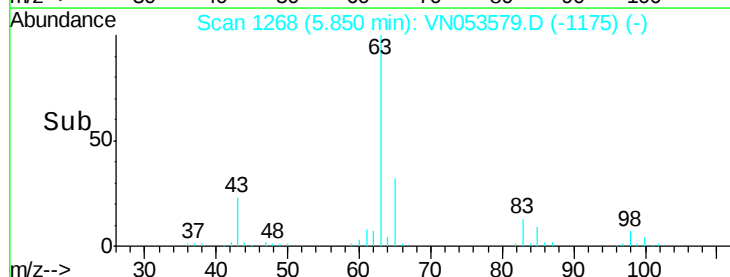
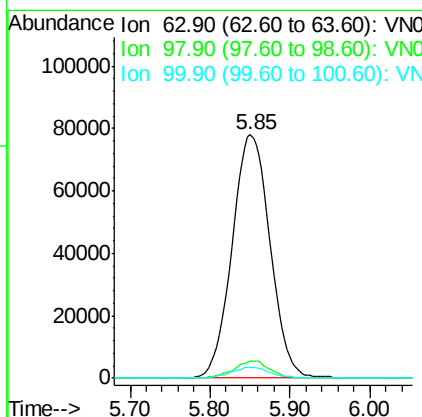
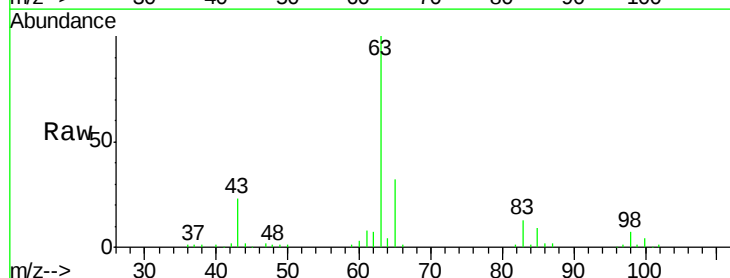
Manual Integrations
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 2/4/2019 9:49:27 AM



#24
 1,1-Dichloroethane
 Concen: 20.252 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion: 63 Resp: 251045
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.4 2.1 6.5





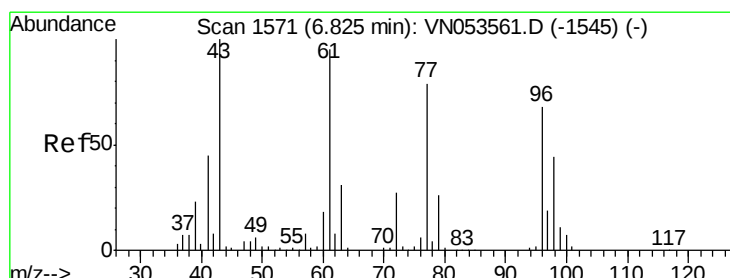
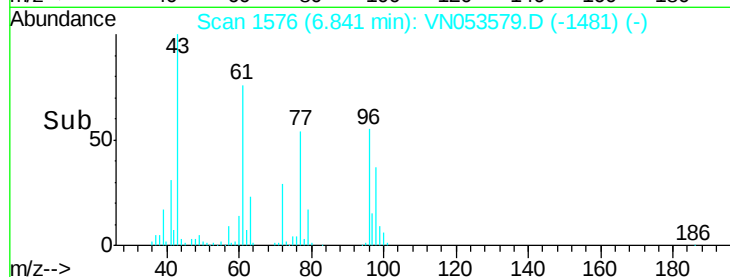
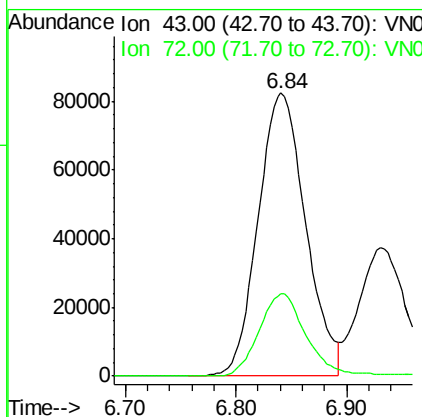
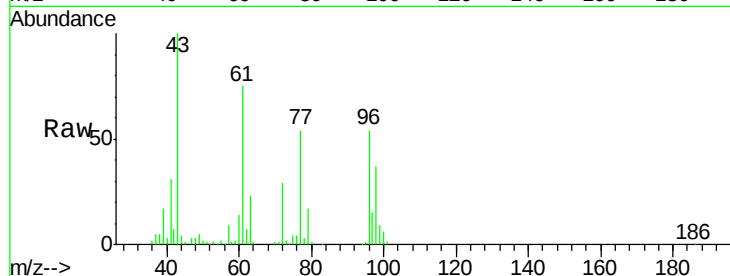
#25
2-Butanone
Concen: 98.139 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion: 43 Resp: 245018
Ion Ratio Lower Upper
43 100
72 29.1 22.0 33.0

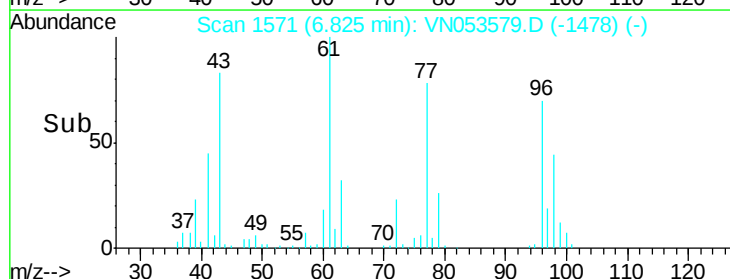
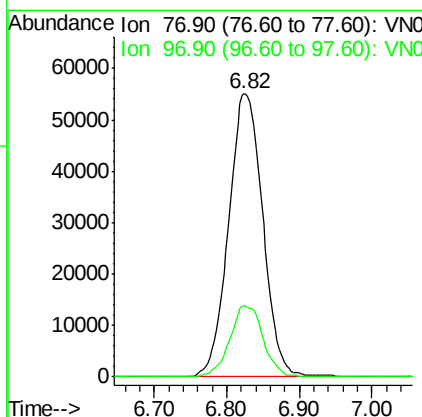
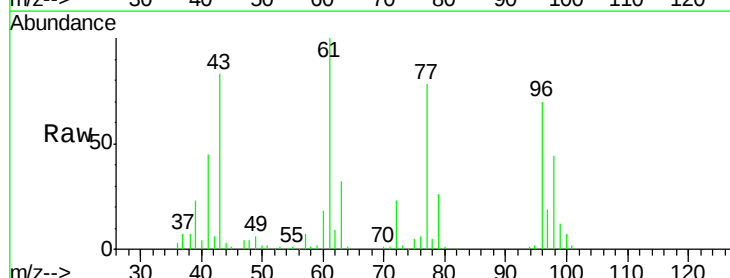
Manual Integrations
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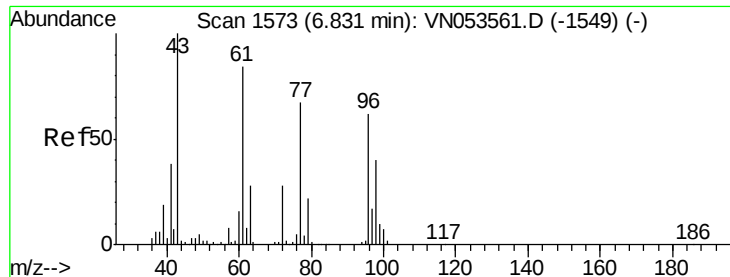
MMDadoda
2/4/2019 9:49:27 AM



#26
2,2-Dichloropropane
Concen: 19.102 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion: 77 Resp: 180760
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.166 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

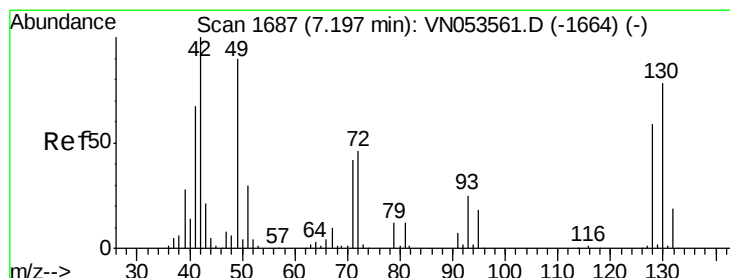
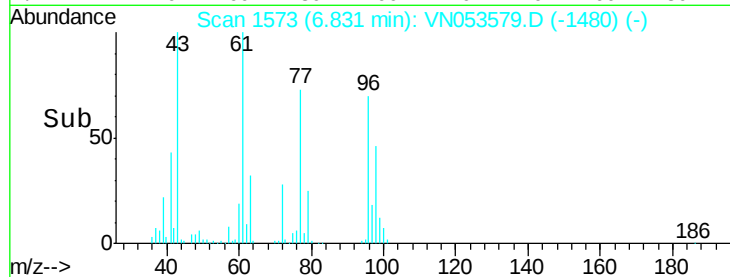
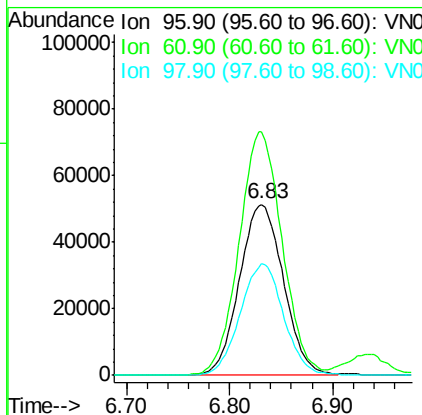
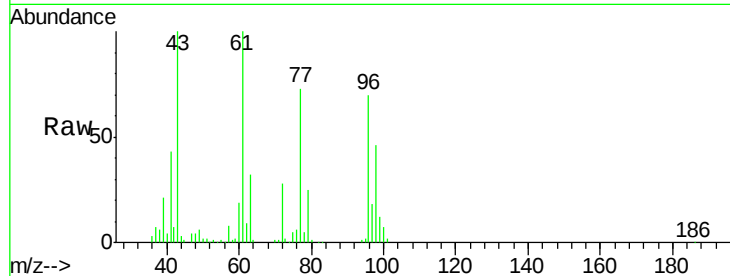
ClientSampleId :

VN0201WBSD01

Tgt Ion:	96	Resp:	152406
Ion Ratio	Lower	Upper	
96	100		
61	139.5	0.0	283.8
98	64.6	0.0	129.2

Manual Integrations
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#28

Bromochloromethane

Concen: 20.338 ug/l

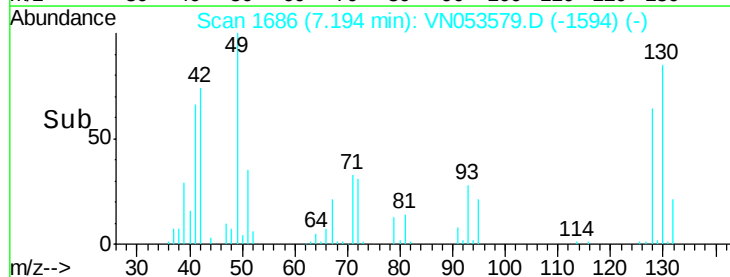
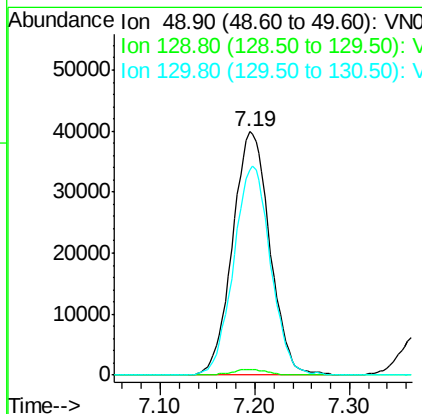
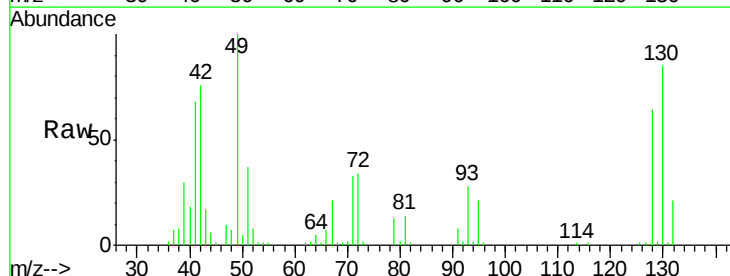
RT: 7.19 min Scan# 1686

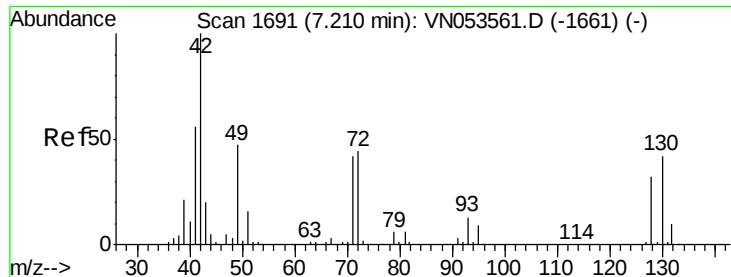
Delta R.T. -0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion:	49	Resp:	109407
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.0
130	85.0	66.3	99.5





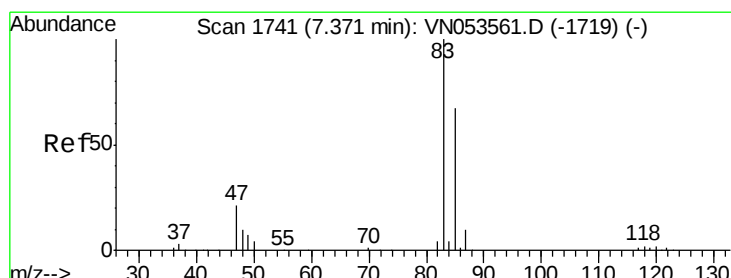
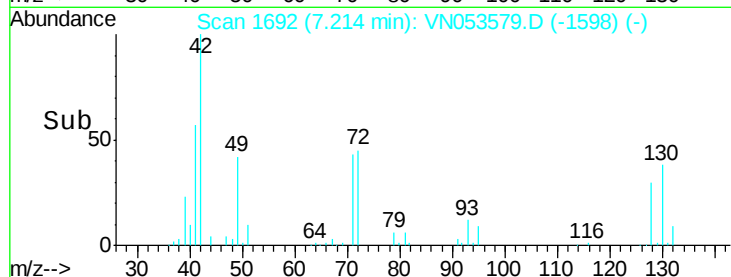
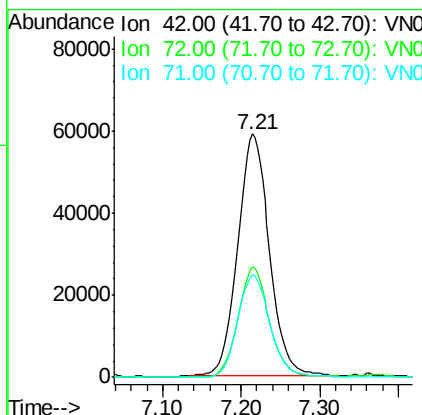
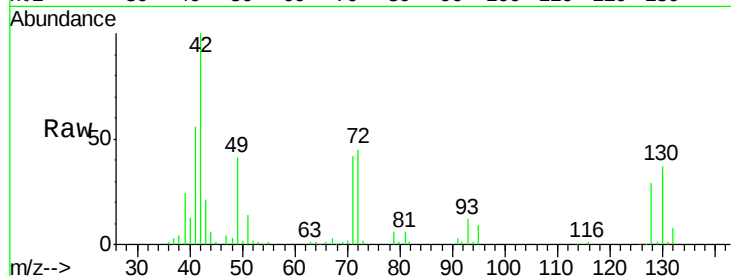
#29
Tetrahydrofuran
Concen: 104.366 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.2	52.8
71	42.7	33.0	49.4

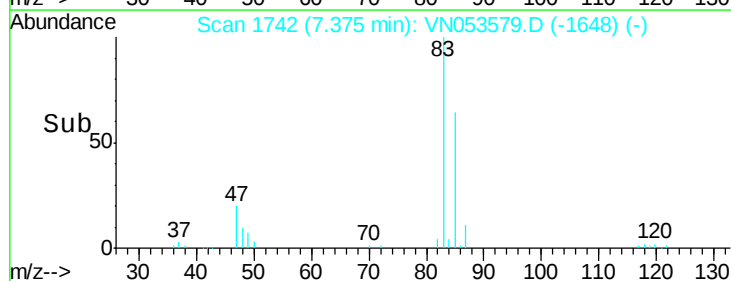
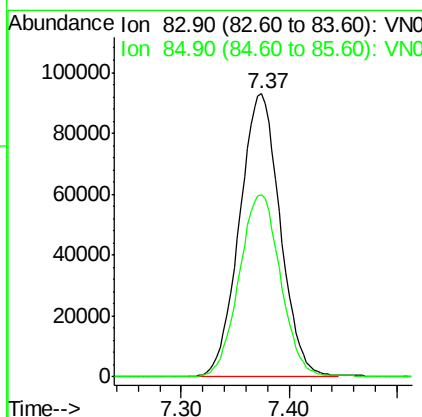
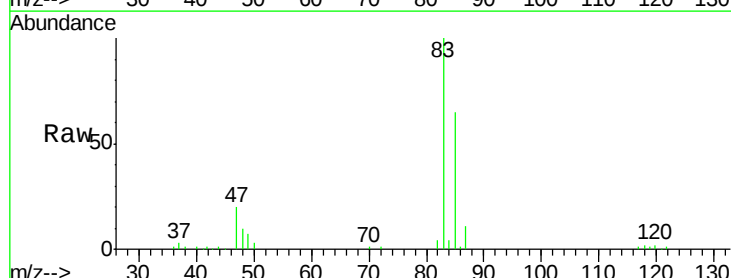
Manual Integrations
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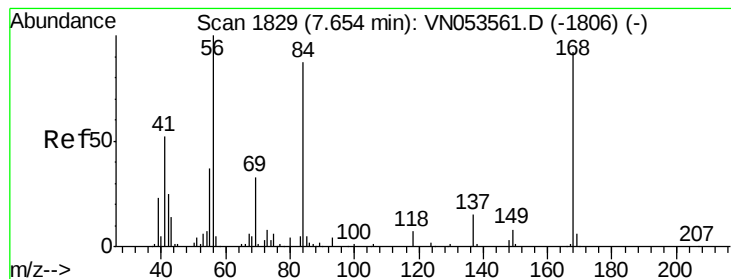
MMDadoda
2/4/2019 9:49:27 AM



#30
Chloroform
Concen: 19.846 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.2





#31

Cyclohexane

Concen: 19.319 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

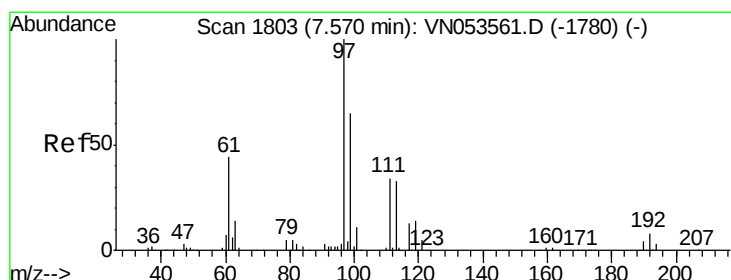
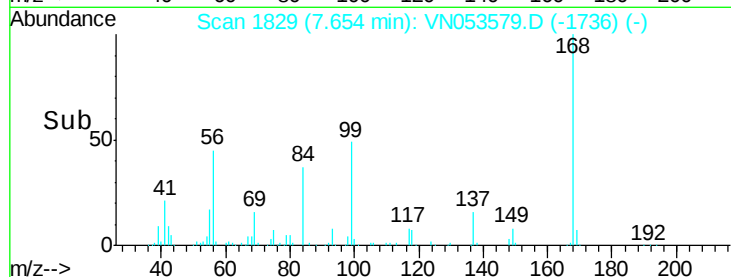
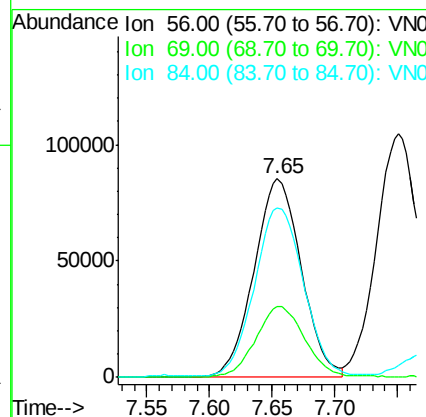
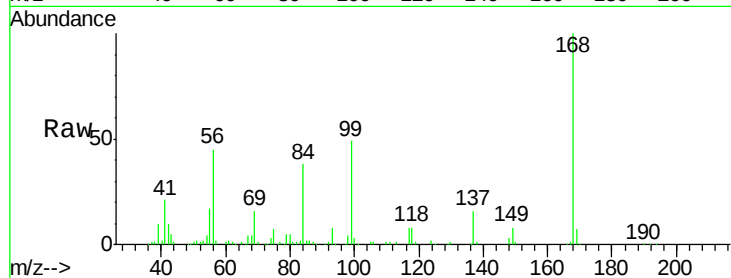
ClientSampled :

VN0201WBSD01

Tgt Ion:	56	Resp:	224176
Ion Ratio	Lower	Upper	
56	100		
69	35.6	26.4	39.6
84	84.4	67.9	101.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.910 ug/l

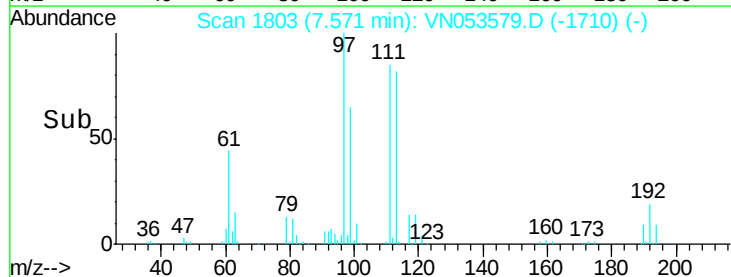
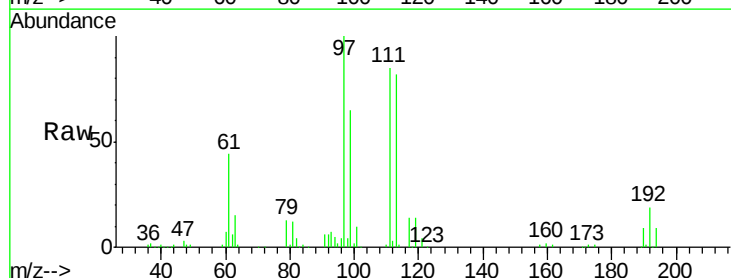
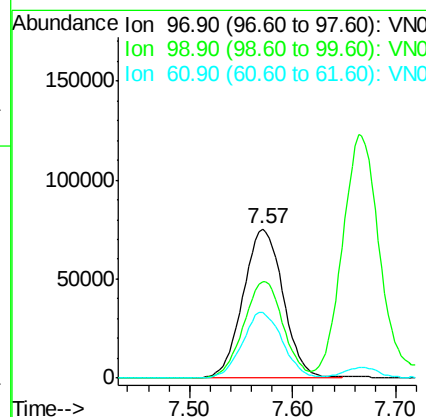
RT: 7.57 min Scan# 1803

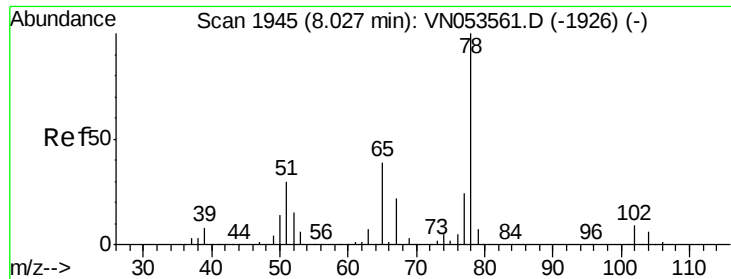
Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion:	97	Resp:	203607
Ion Ratio	Lower	Upper	
97	100		
99	63.8	52.0	78.0
61	44.0	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 51.733 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

Tgt Ion: 65 Resp: 353059

Ion Ratio Lower Upper

65 100

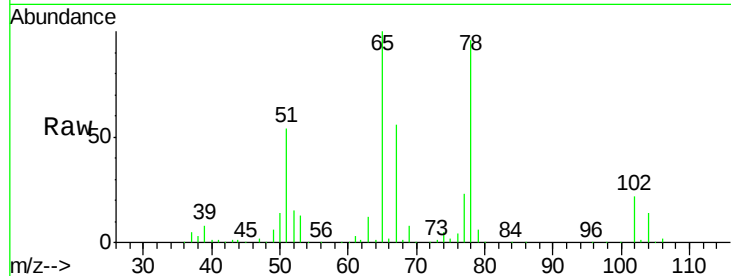
67 55.6 0.0 111.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN053579.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053579.D (-1852) (-)

8.03

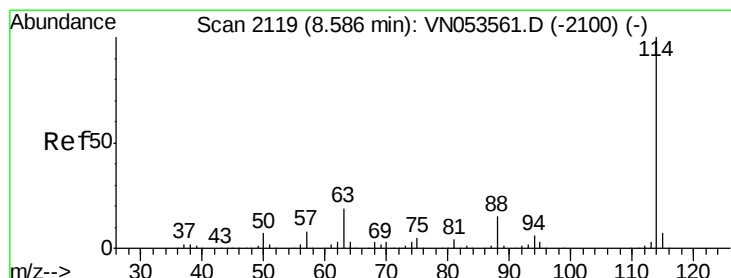
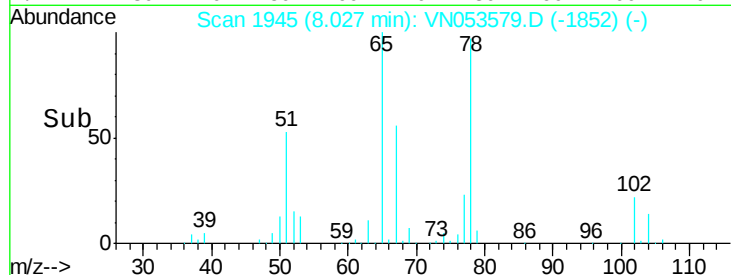
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

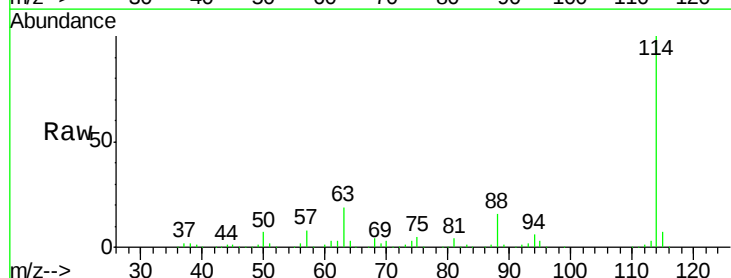
Tgt Ion: 114 Resp: 1051092

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053579.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053579.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053579.D (-2026) (-)

8.59

600000

500000

400000

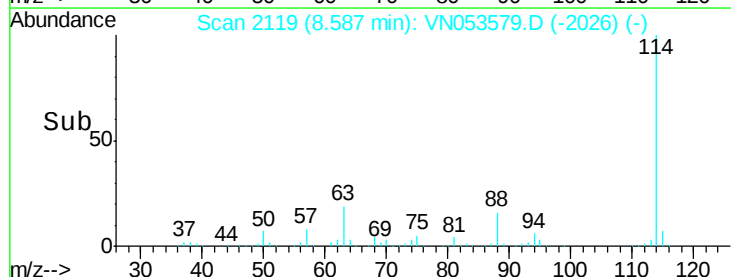
300000

200000

100000

0

Time-->





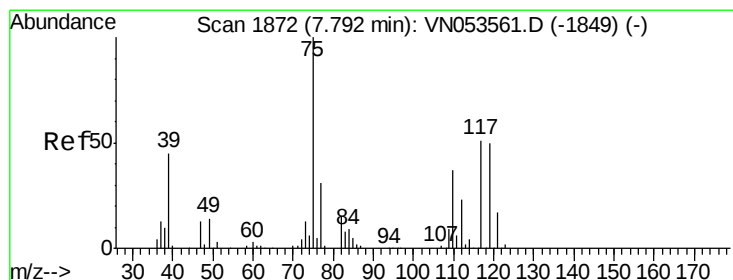
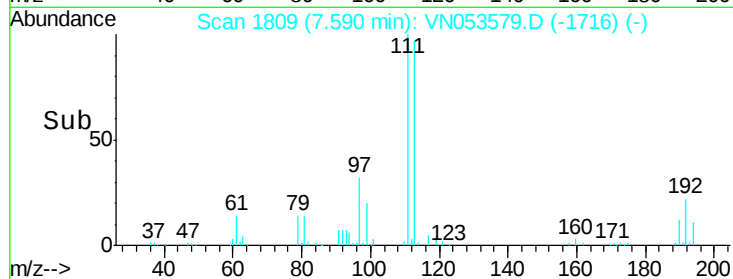
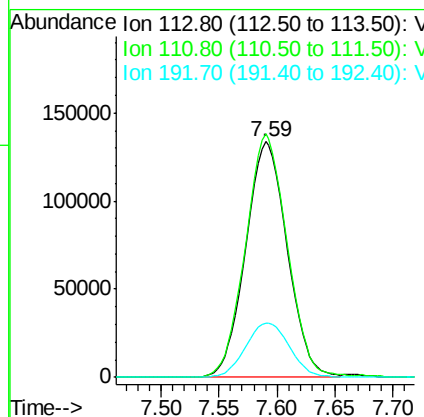
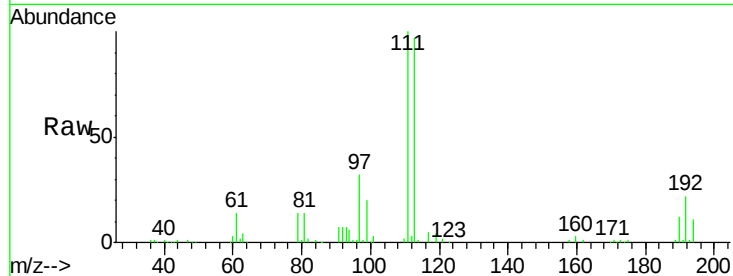
#35
 Dibromofluoromethane
 Concen: 50.285 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	333970		
111	103.4	81.1	121.7	
192	24.4	18.2	27.2	

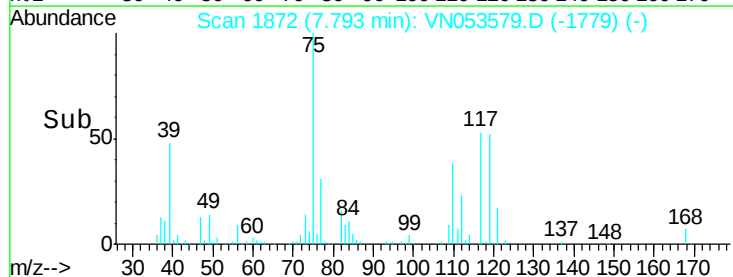
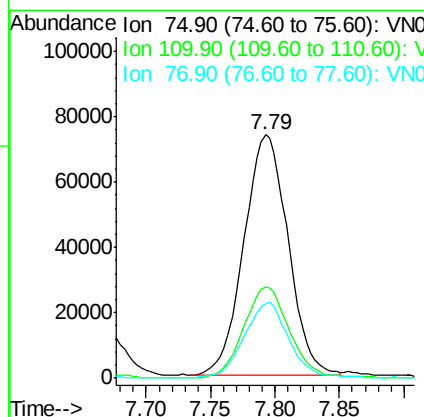
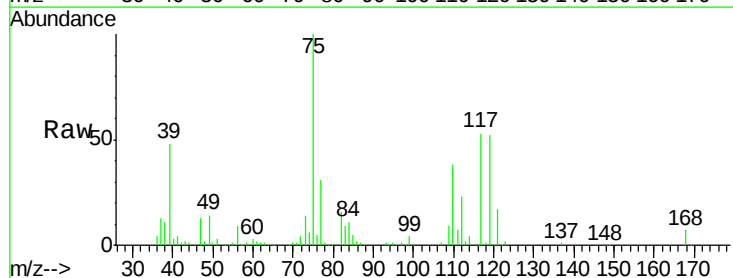
Manual Integrations
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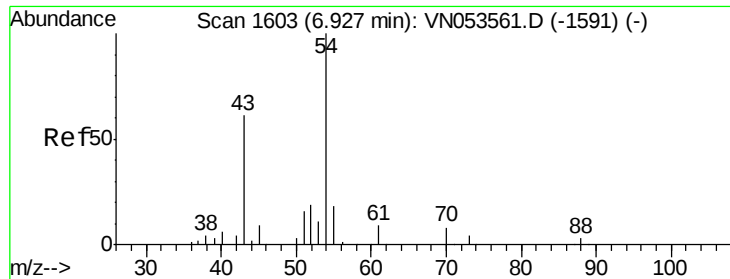
MMDadoda
 2/4/2019 9:49:27 AM



#36
 1,1-Dichloropropene
 Concen: 18.509 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	175373		
110	39.6	18.1	54.3	
77	32.3	25.1	37.7	





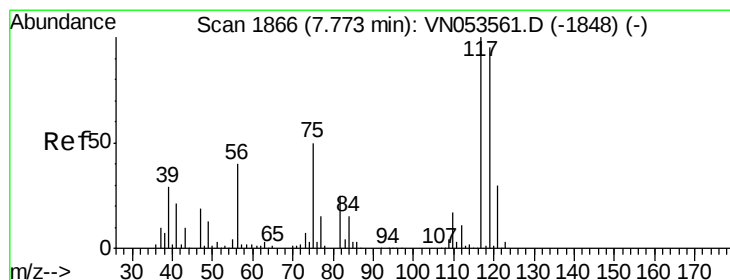
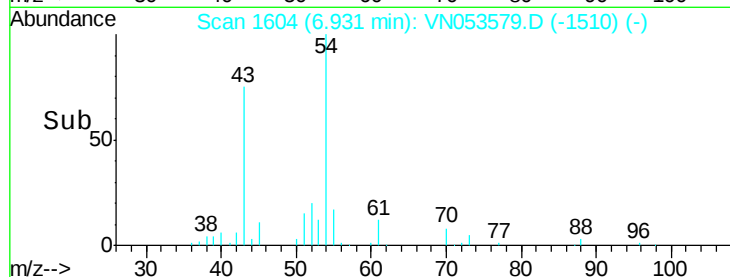
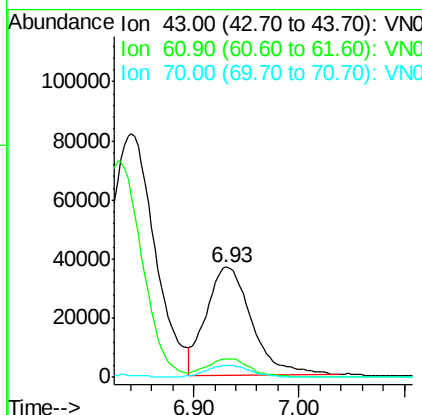
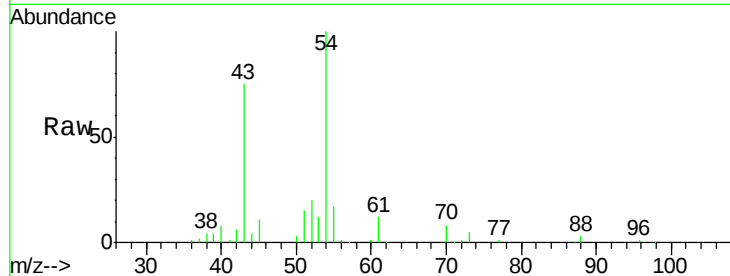
#37
Ethyl Acetate
Concen: 20.711 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampled :
VN0201WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.8	17.6
70	10.9	8.6	12.8

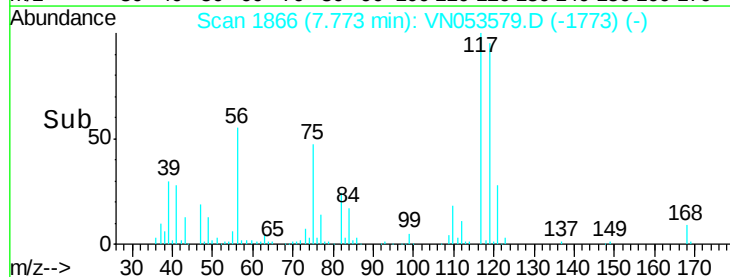
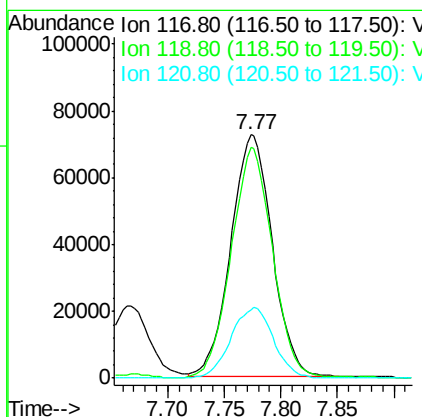
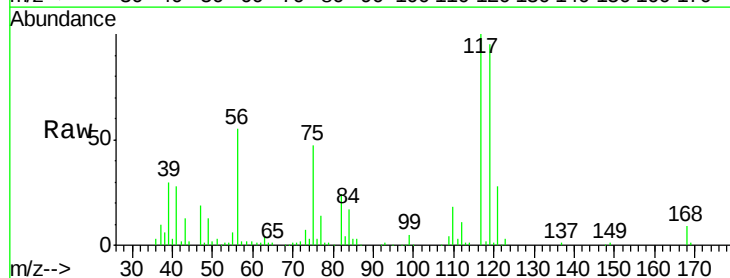
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#38
Carbon Tetrachloride
Concen: 19.275 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.2	115.8
121	28.3	24.6	37.0





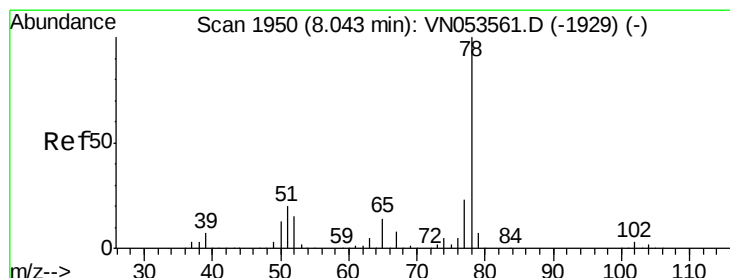
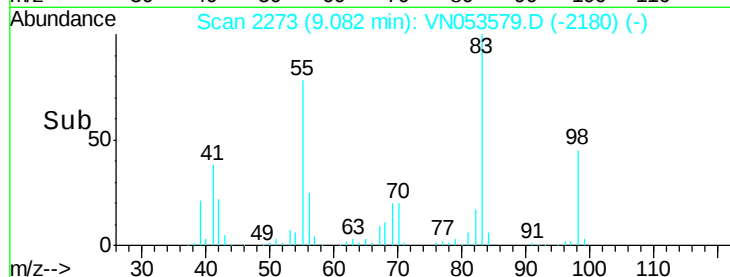
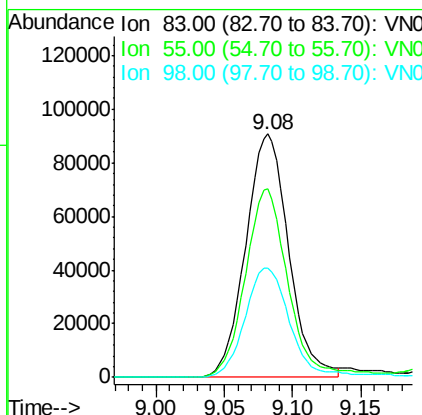
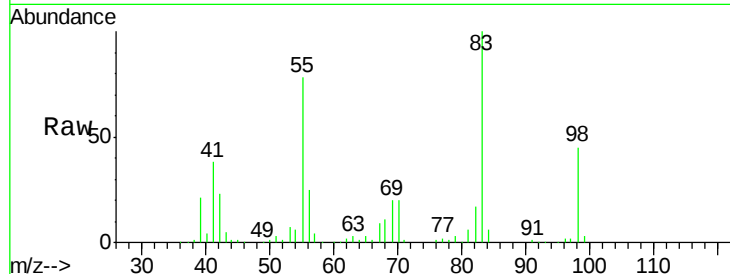
#39
Methylcyclohexane
Concen: 17.655 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	60.1	90.1
98	45.0	36.6	55.0

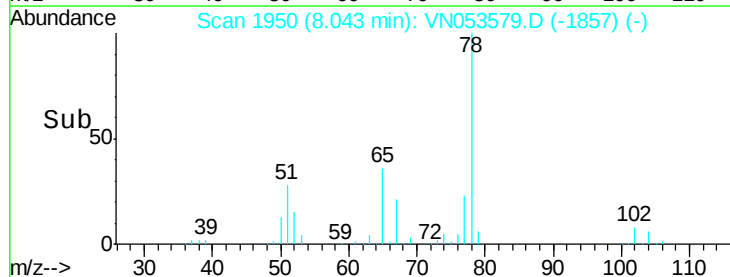
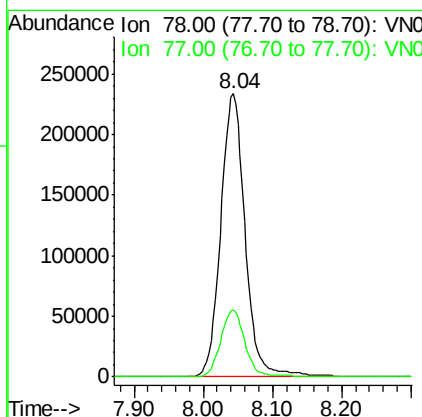
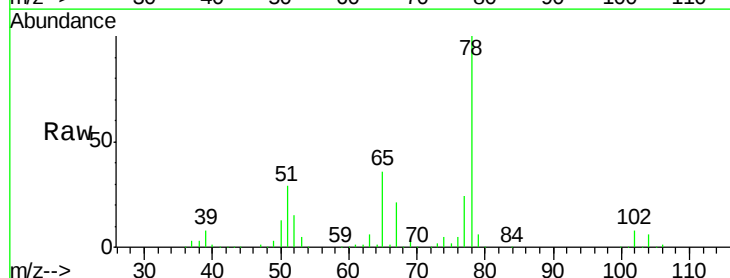
Manual Integrations
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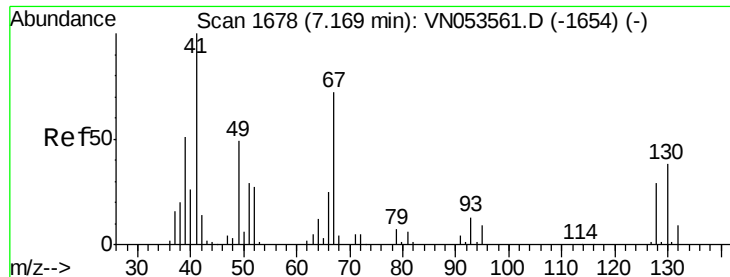
MMDadoda
2/4/2019 9:49:27 AM



#40
Benzene
Concen: 19.590 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





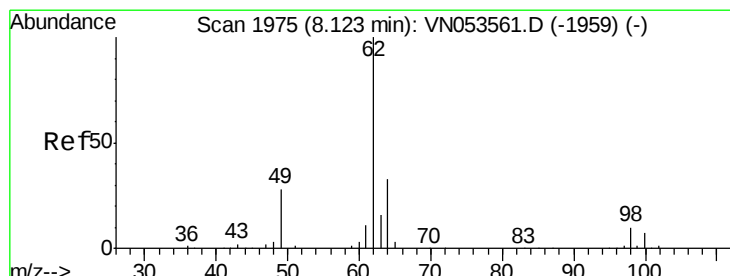
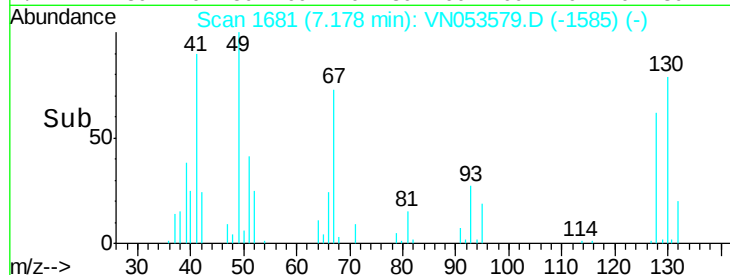
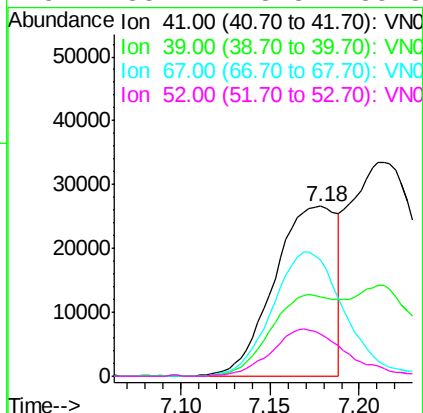
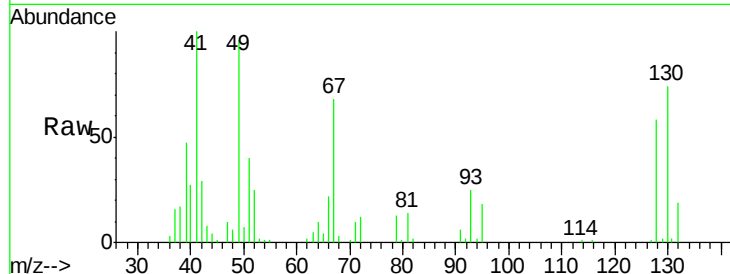
#41
Methacrylonitrile
Concen: 21.899 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.8	70.2
67	85.4	63.0	94.6
52	33.1	23.8	35.8

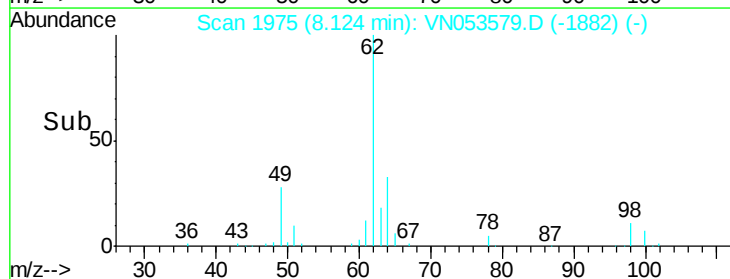
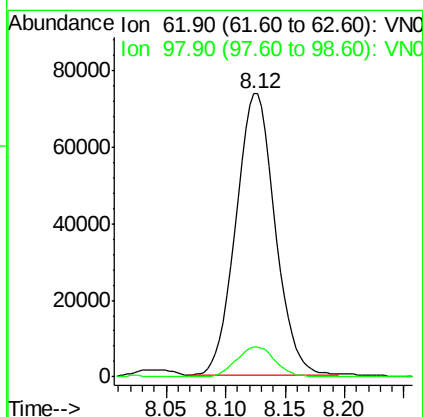
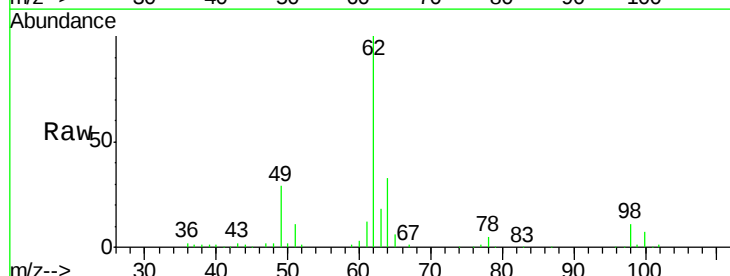
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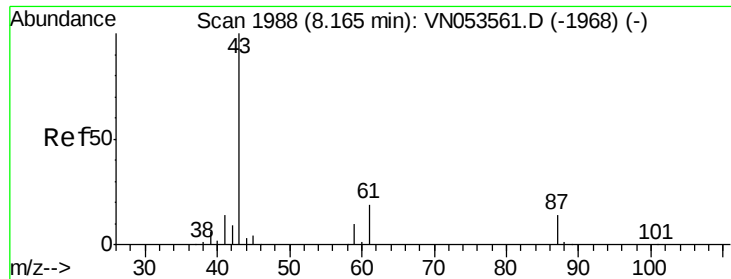
MMDadoda
2/4/2019 9:49:27 AM



#42
1,2-Dichloroethane
Concen: 19.252 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.6





#43

Isopropyl Acetate

Concen: 20.121 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

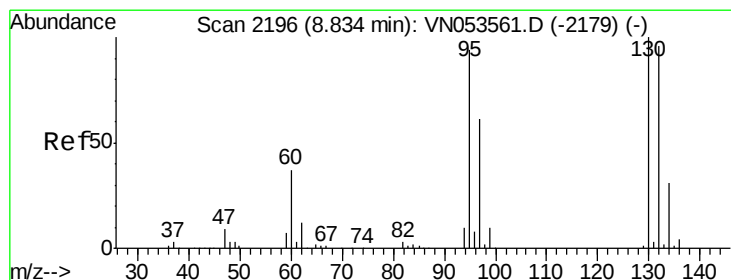
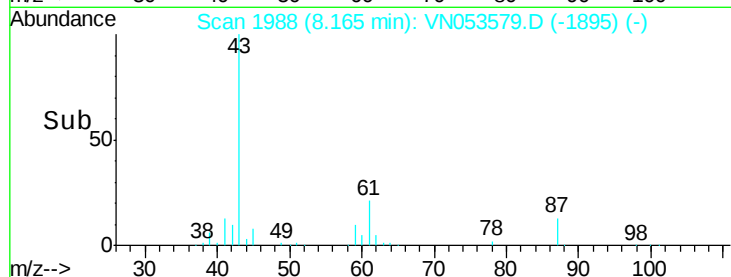
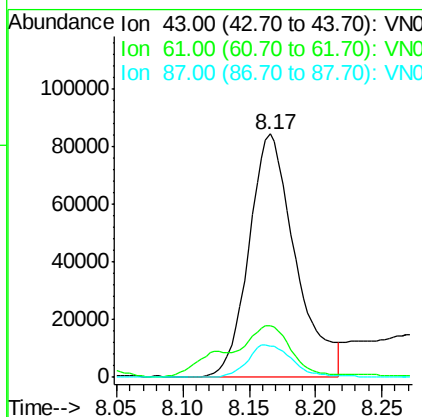
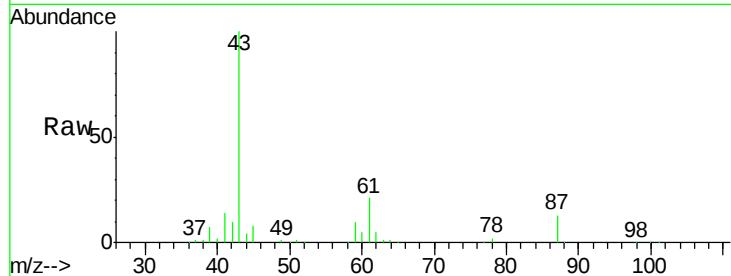
ClientSampleId :

VN0201WBSD01

Tgt Ion:	43	Resp:	205630
Ion	Ratio	Lower	Upper
43	100		
61	19.5	23.9	35.9#
87	13.1	11.0	16.6

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#44

Trichloroethene

Concen: 19.303 ug/l

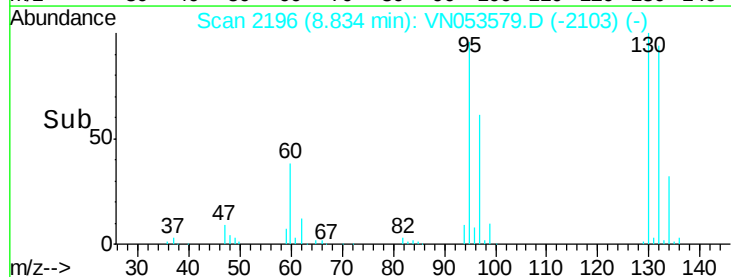
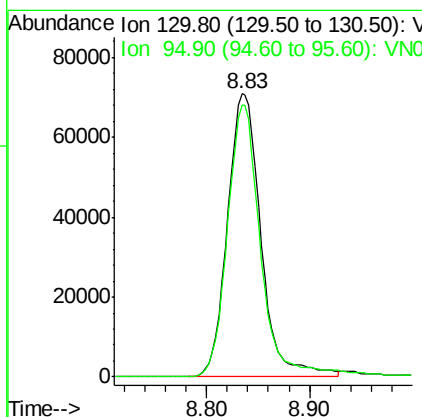
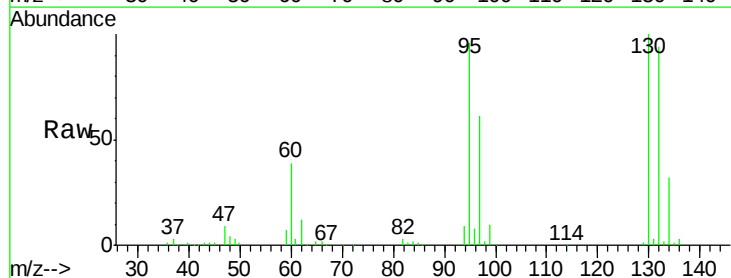
RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion:	130	Resp:	160570
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	191.4





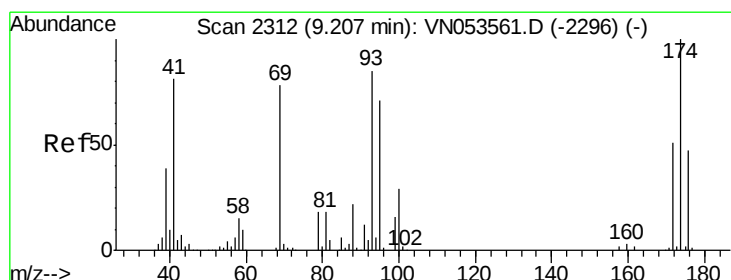
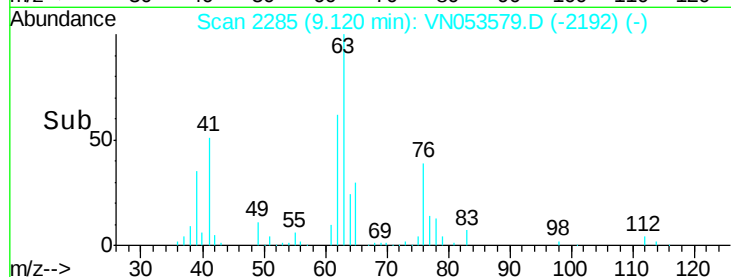
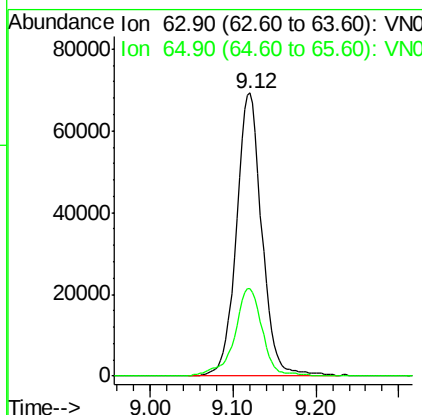
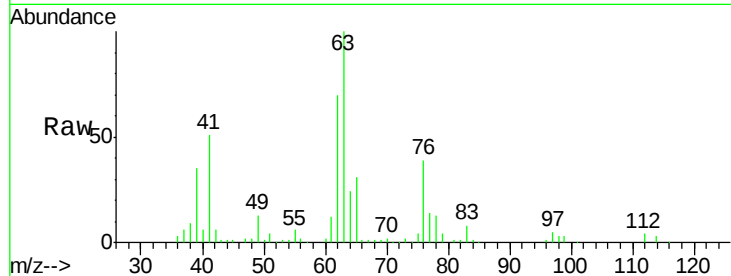
#45
 1,2-Dichloropropane
 Concen: 19.926 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0201WBSD01

Tgt Ion: 63 Resp: 148909
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4

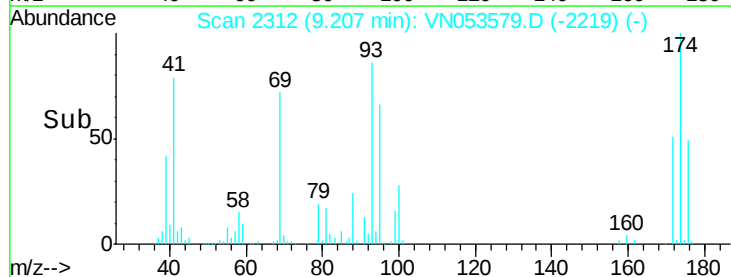
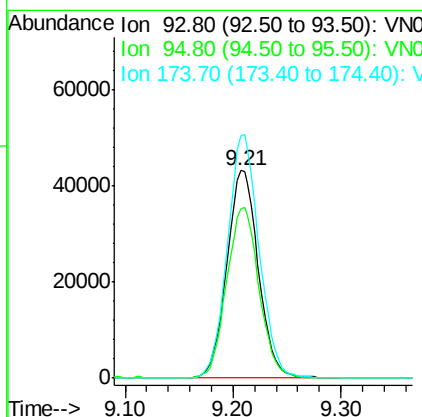
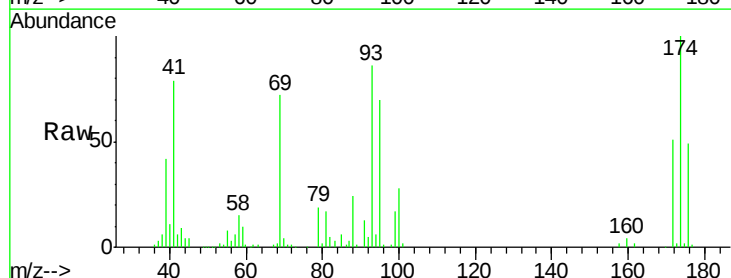
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#46
 Dibromomethane
 Concen: 19.588 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion: 93 Resp: 88244
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.3 100.9
 174 117.7 91.0 136.4





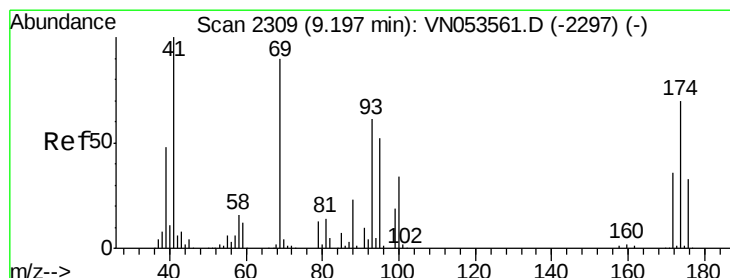
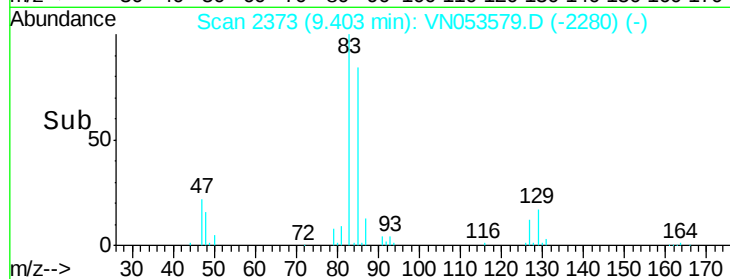
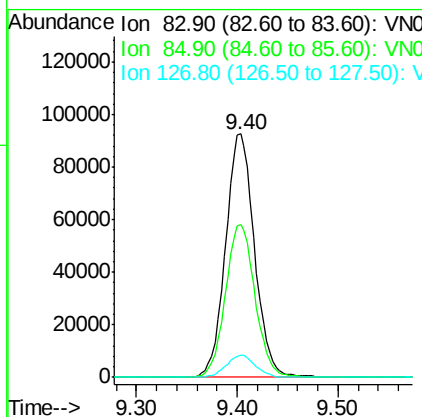
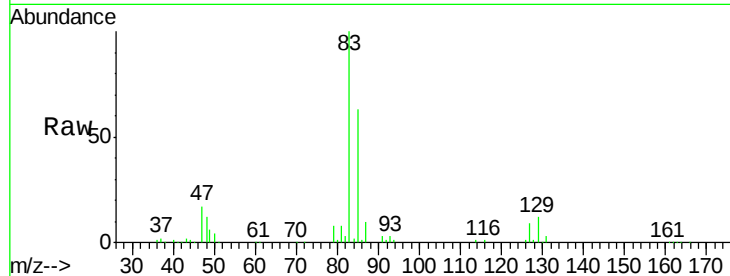
#47
Bromodichloromethane
Concen: 19.779 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	185268		
85	62.9	51.0	76.6	
127	9.2	7.0	10.6	

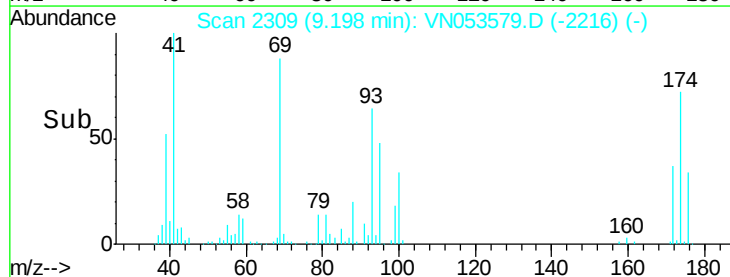
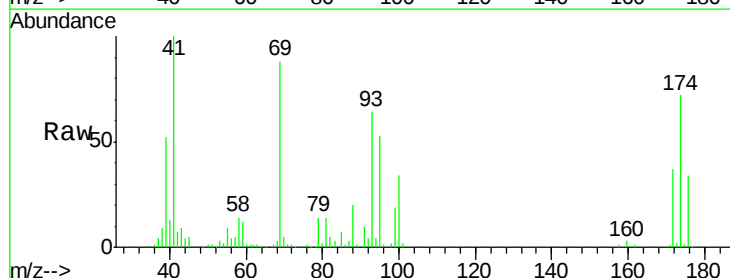
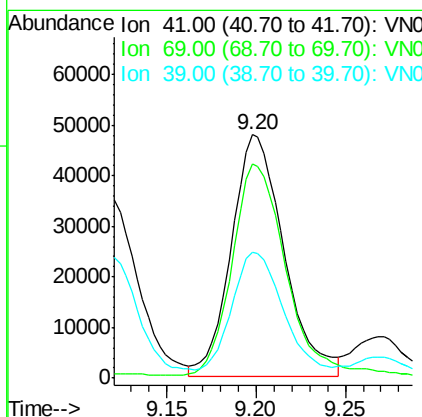
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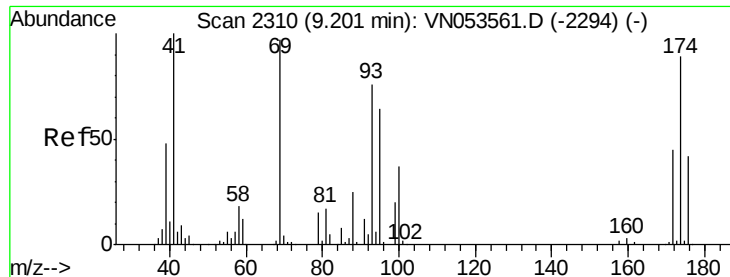
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#48
Methyl methacrylate
Concen: 20.141 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	98251		
69	92.3	73.8	110.6	
39	52.0	40.0	60.0	





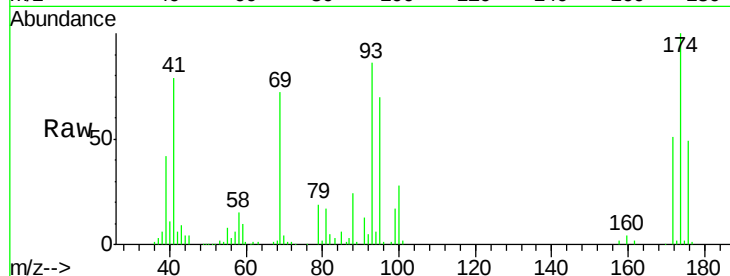
#49
1,4-Dioxane
Concen: 411.438 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	27390		
43	30.1	27.8	41.6	
58	69.0	56.5	84.7	

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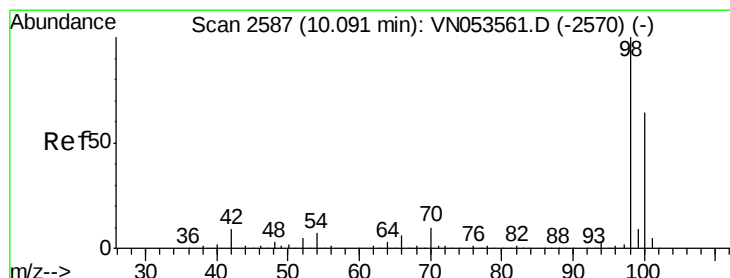
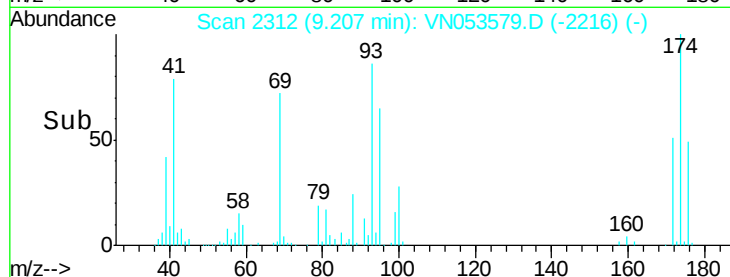
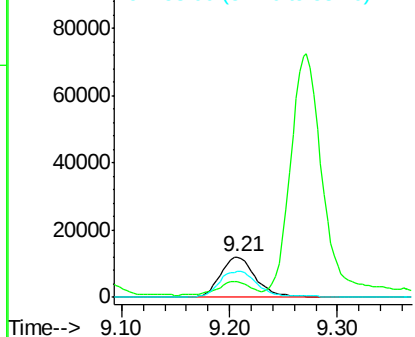


Abundance

Ion 88.00 (87.70 to 88.70): VN053561.D (-2294) (-)

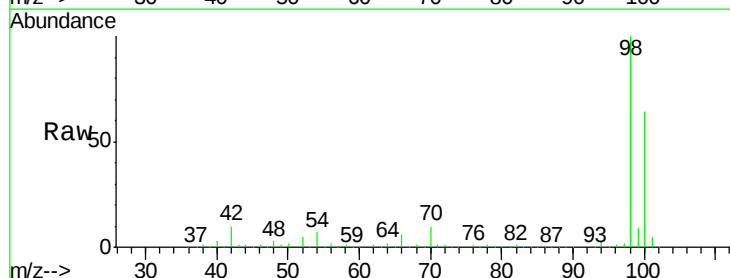
Ion 43.00 (42.70 to 43.70): VN053561.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2294) (-)



#50
Toluene-d8
Concen: 49.673 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

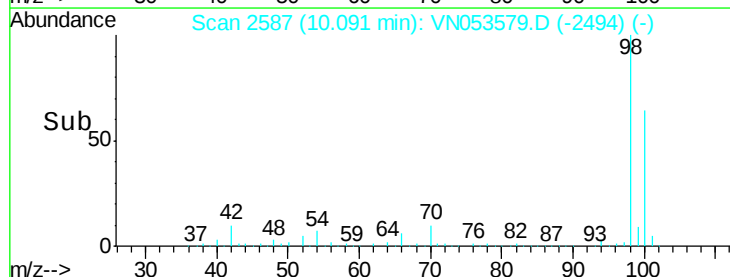
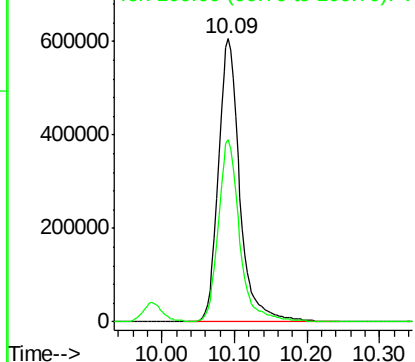
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1238731		
100	64.1	51.4	77.0	

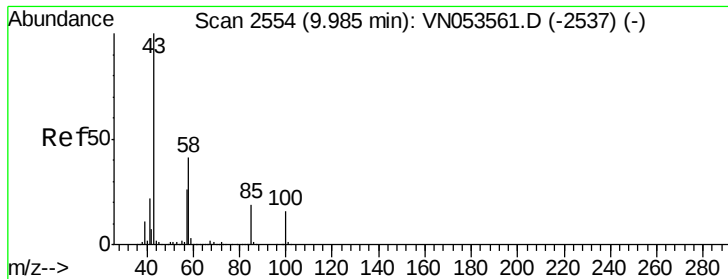


Abundance

Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)





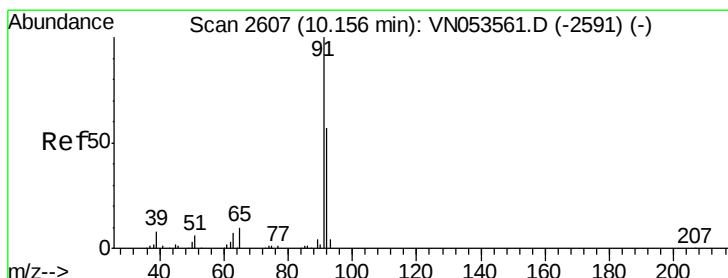
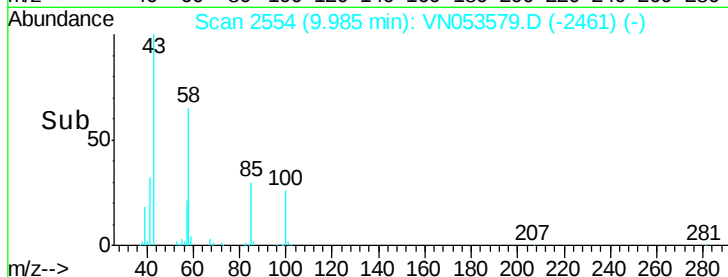
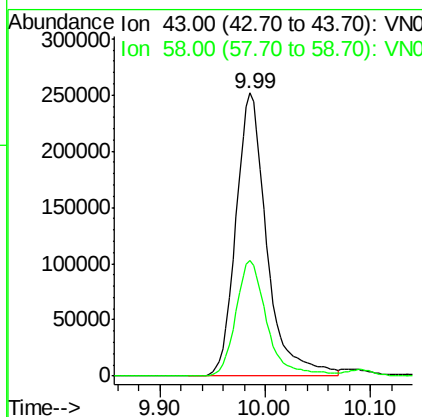
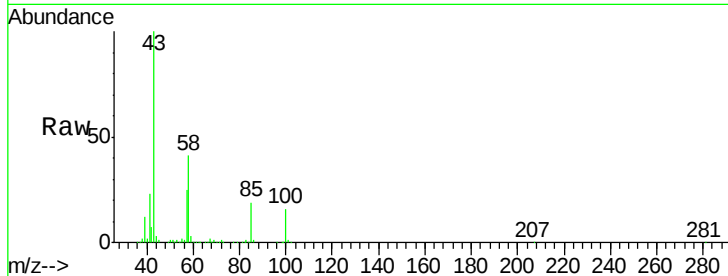
#51
 4-Methyl-2-Pentanone
 Concen: 101.133 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.4	32.8	49.2

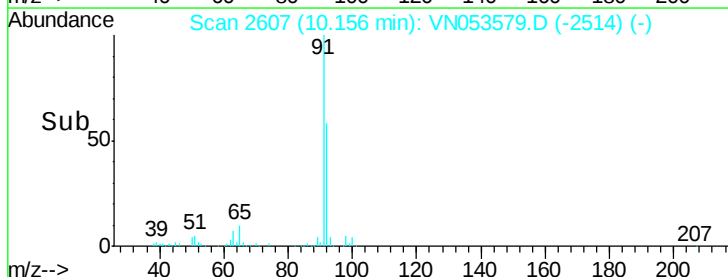
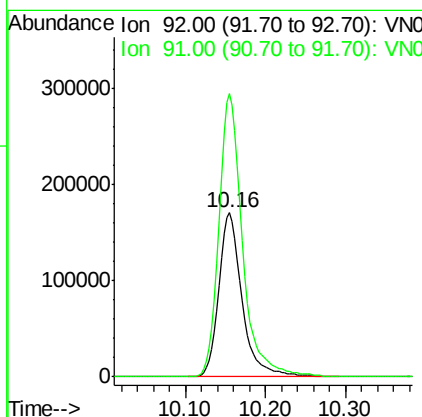
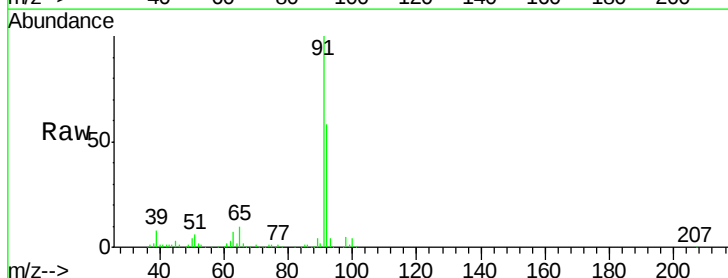
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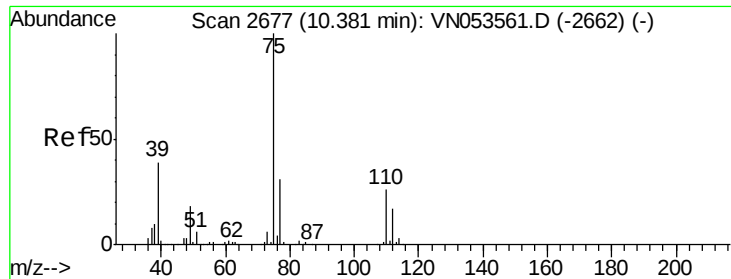
MMDadoda
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#52
 Toluene
 Concen: 19.874 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.4	139.9	209.9





#53

t-1,3-Dichloropropene

Concen: 18.712 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

Tgt Ion: 75 Resp: 175505

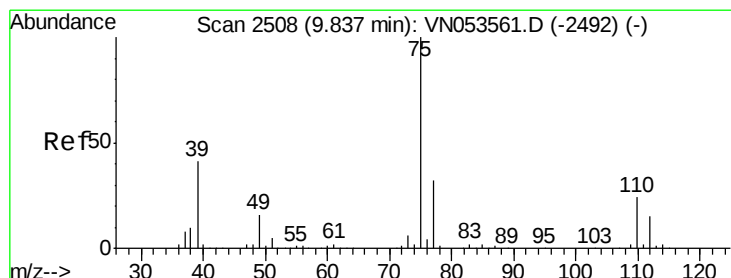
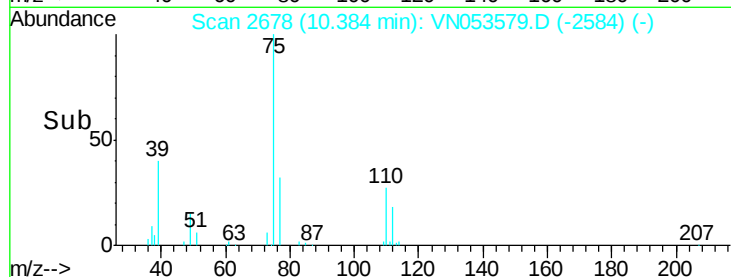
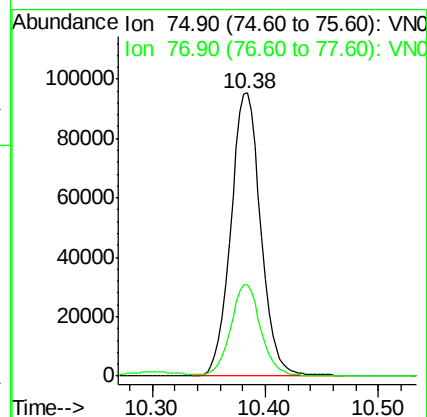
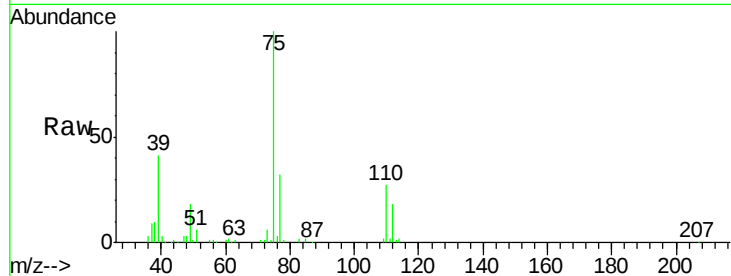
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 19.342 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

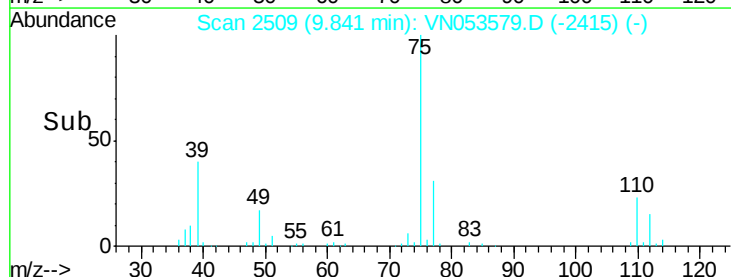
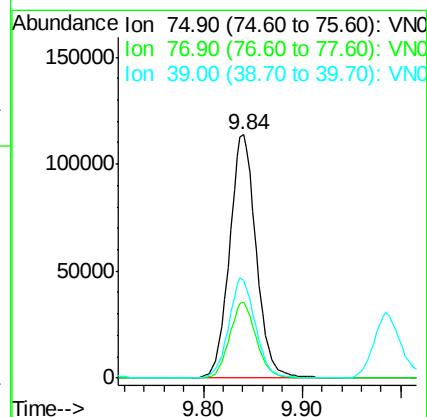
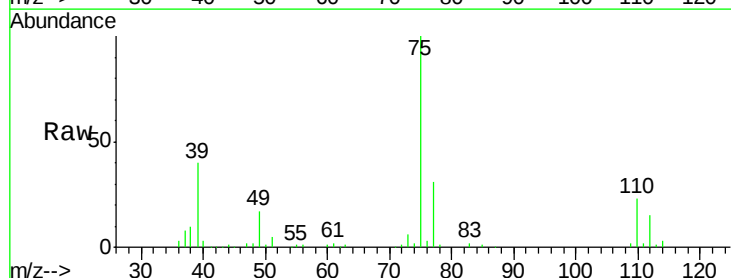
Tgt Ion: 75 Resp: 214978

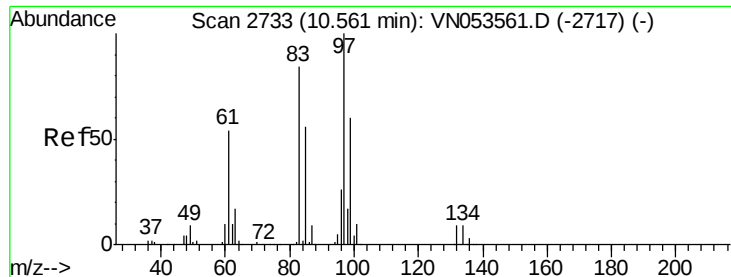
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 40.2 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 20.509 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

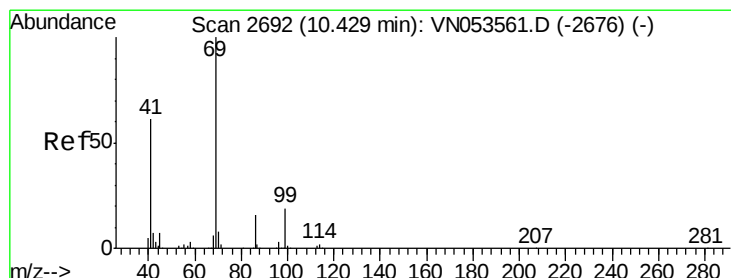
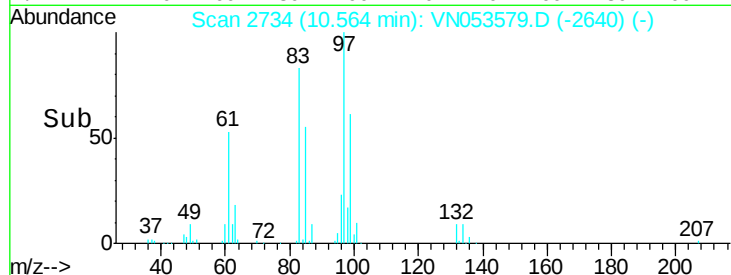
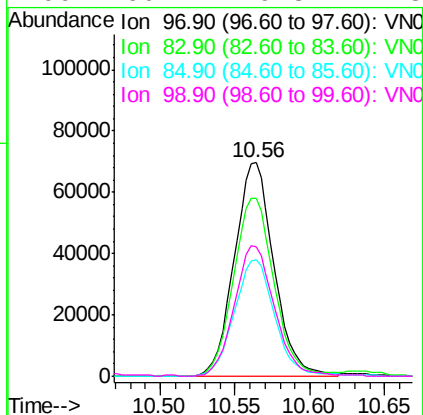
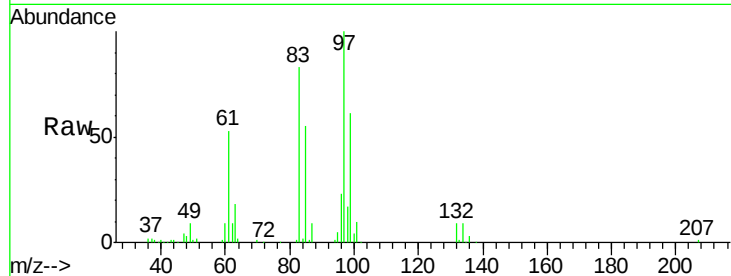
ClientSampleId :

VN0201WBSD01

Tgt Ion:	97	Resp:	128151
Ion Ratio	Lower	Upper	
97	100		
83	83.0	70.1	105.1
85	54.6	45.4	68.0
99	60.7	49.8	74.8

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#56

Ethyl methacrylate

Concen: 19.614 ug/l

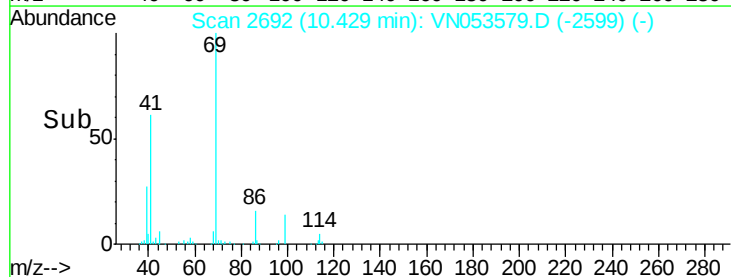
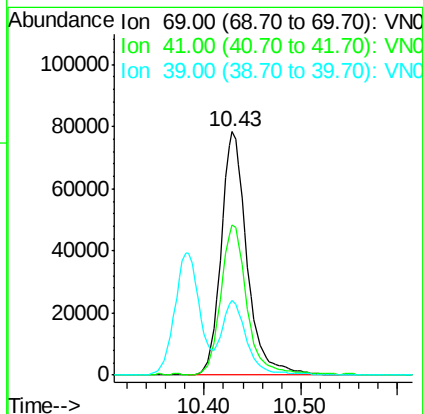
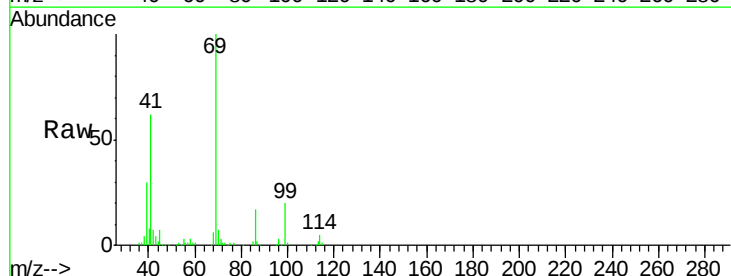
RT: 10.43 min Scan# 2692

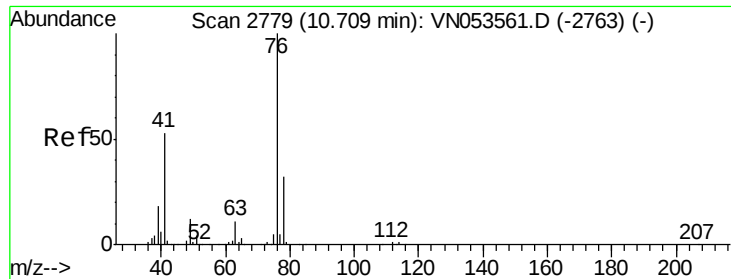
Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion:	69	Resp:	144992
Ion Ratio	Lower	Upper	
69	100		
41	61.5	49.4	74.0
39	29.4	23.3	34.9





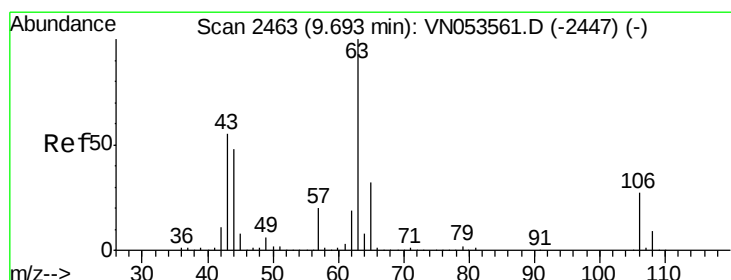
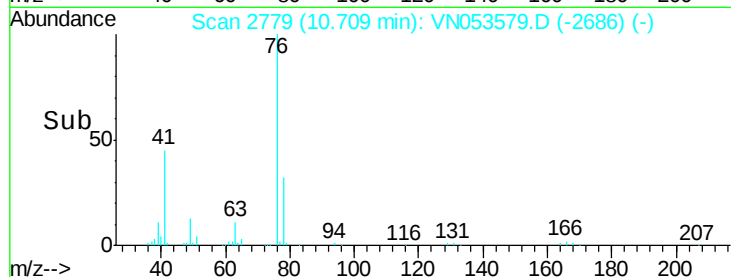
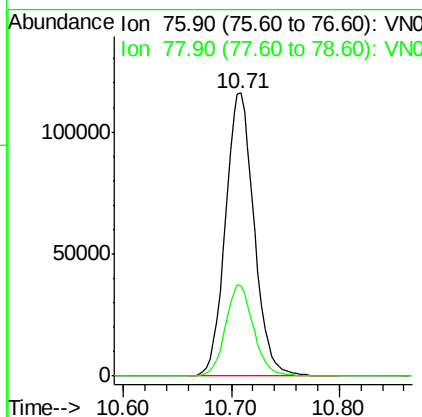
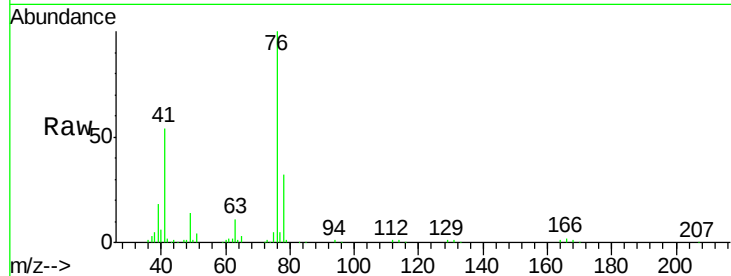
#57
 1,3-Dichloropropane
 Concen: 20.080 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Tgt Ion: 76 Resp: 214439
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.6 38.4

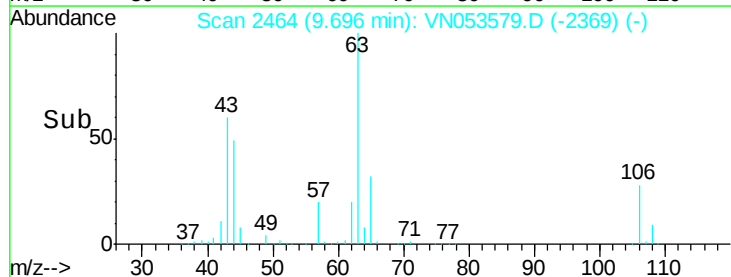
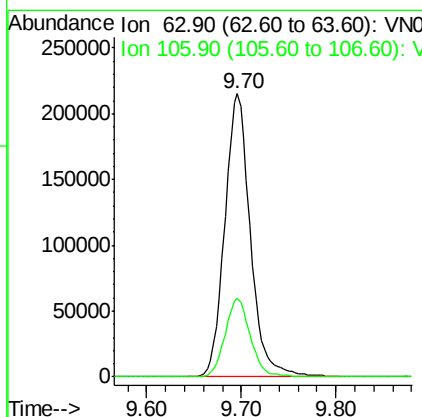
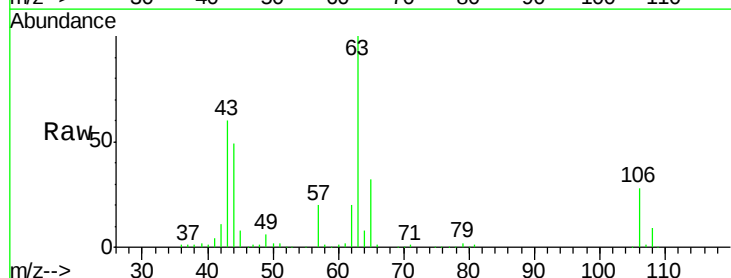
Manual Integrations
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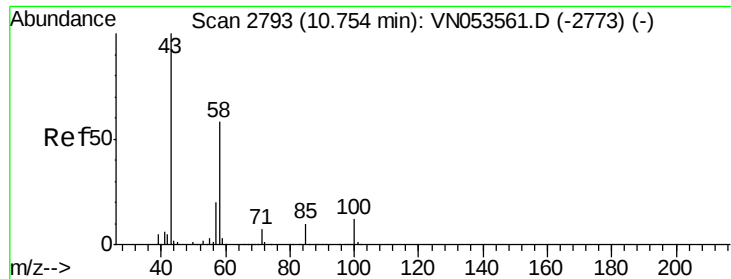
MMDadoda
 2/4/2019 9:49:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.485 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion: 63 Resp: 404827
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.5 32.3





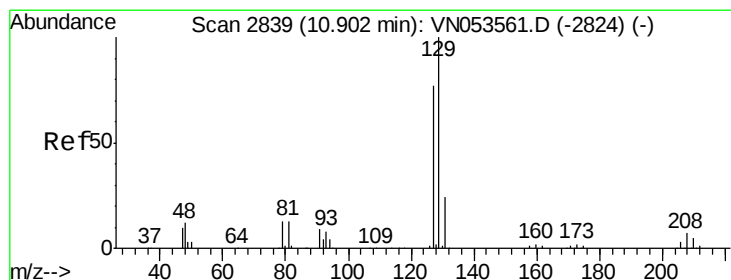
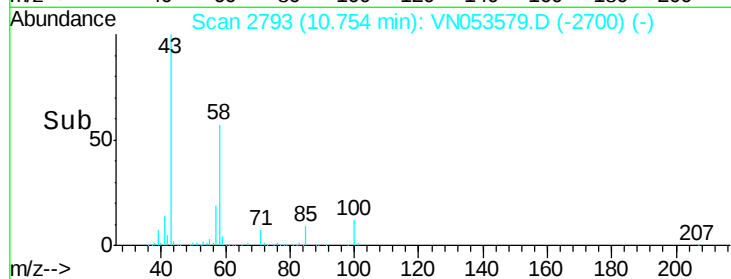
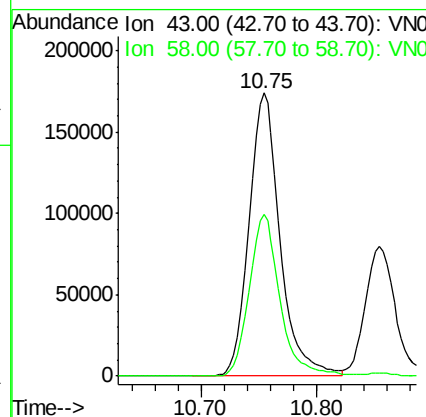
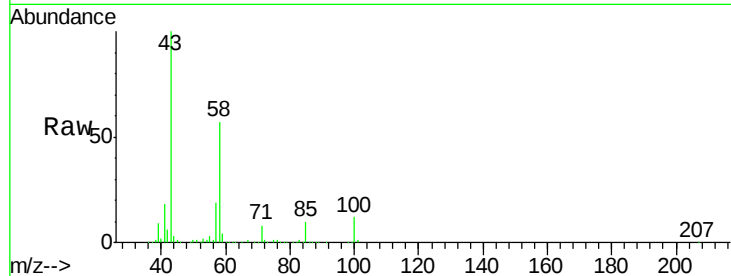
#59
2-Hexanone
Concen: 94.552 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion: 43 Resp: 322350
Ion Ratio Lower Upper
43 100
58 56.8 28.6 85.8

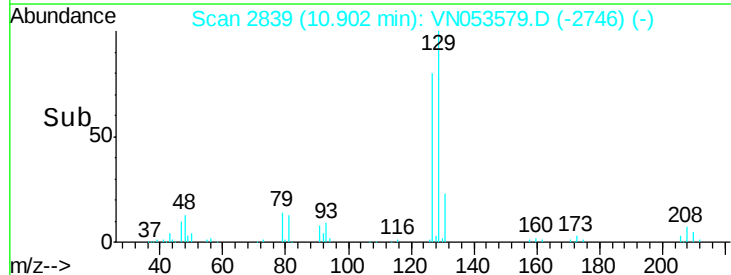
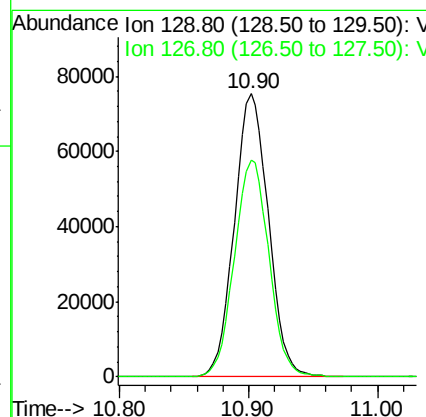
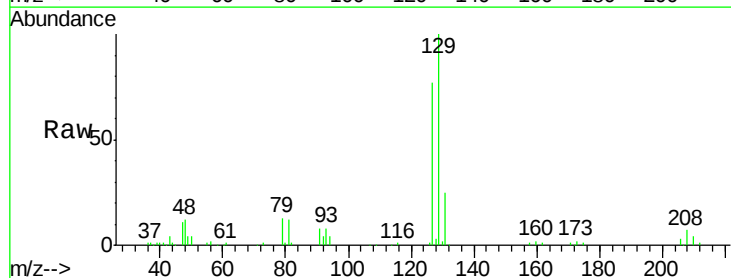
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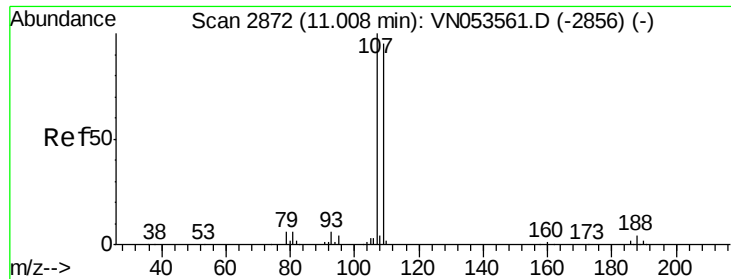
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#60
Dibromochloromethane
Concen: 19.648 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion: 129 Resp: 138448
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





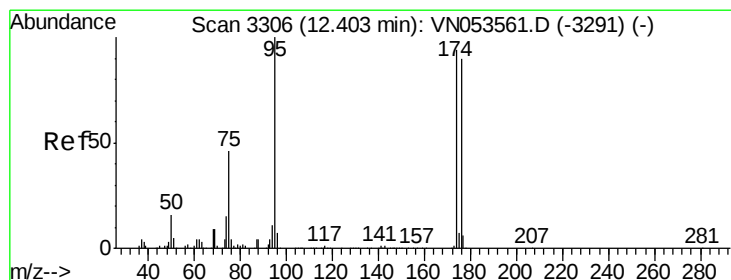
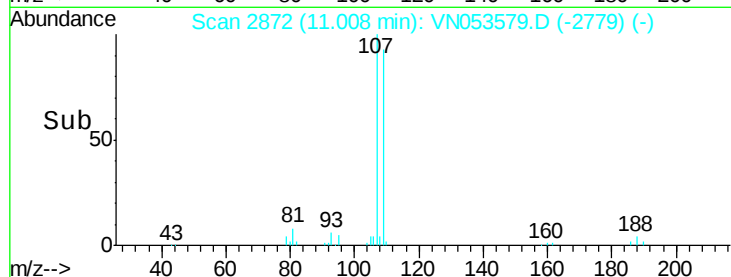
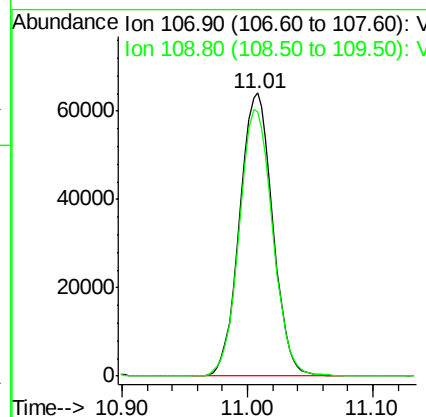
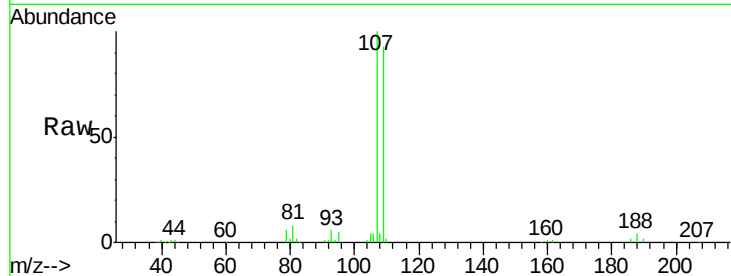
#61
 1,2-Dibromoethane
 Concen: 19.023 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Tgt Ion: 107 Resp: 117651
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.7 113.5

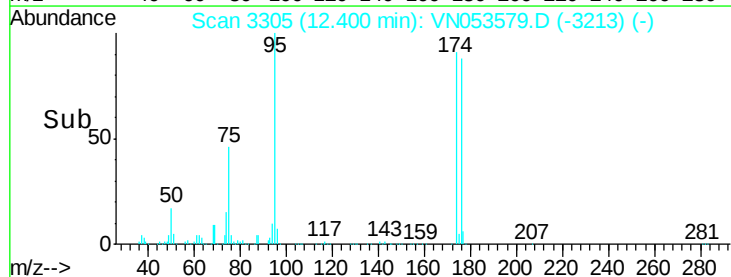
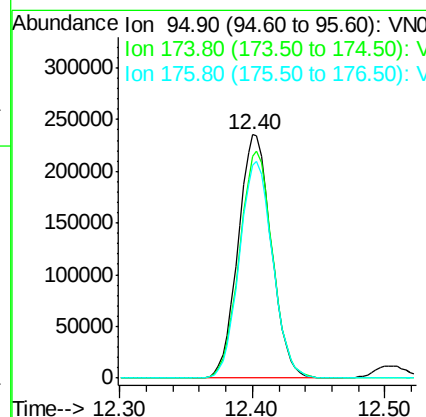
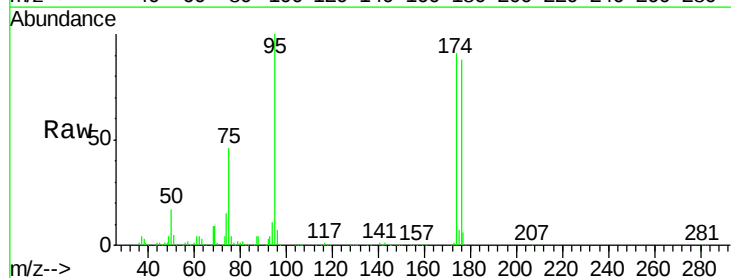
Manual Integrations
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 2/4/2019 9:49:27 AM



#62
 4-Bromofluorobenzene
 Concen: 49.176 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion: 95 Resp: 409006
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 183.2
 176 89.2 0.0 177.4





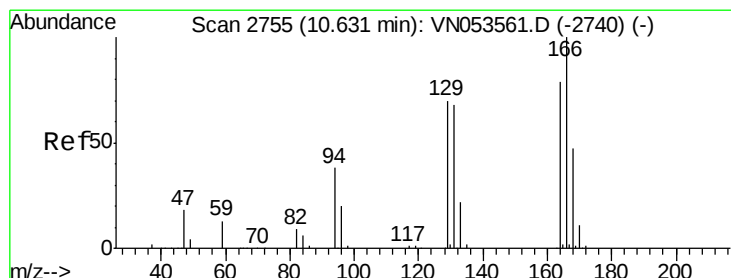
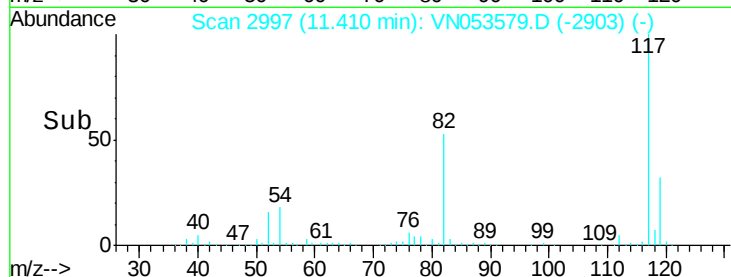
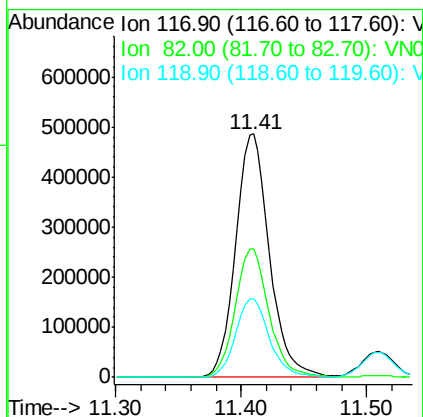
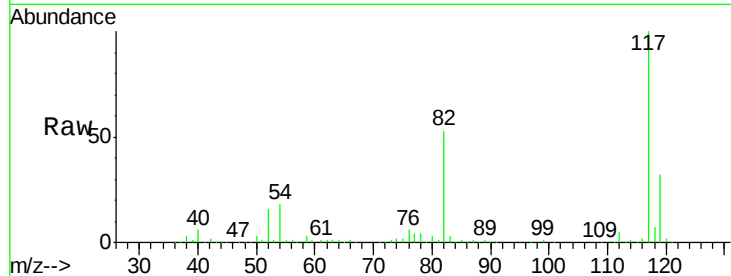
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	911383		
82	52.7	42.9	64.3	
119	32.4	26.0	39.0	

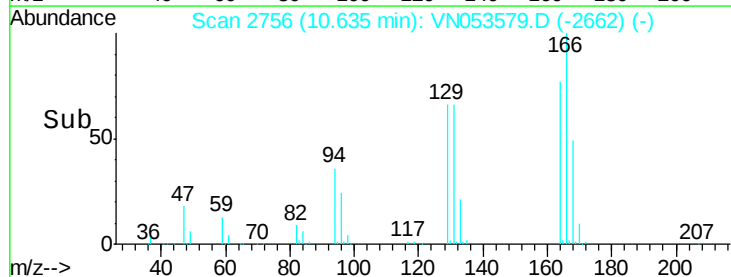
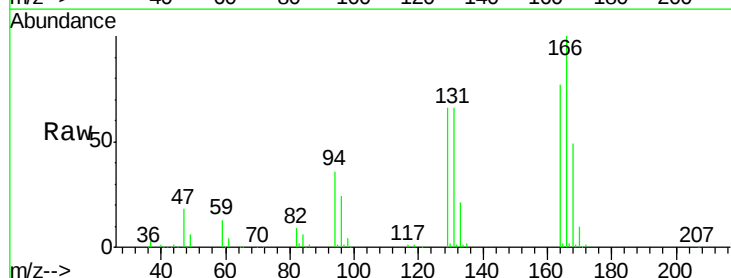
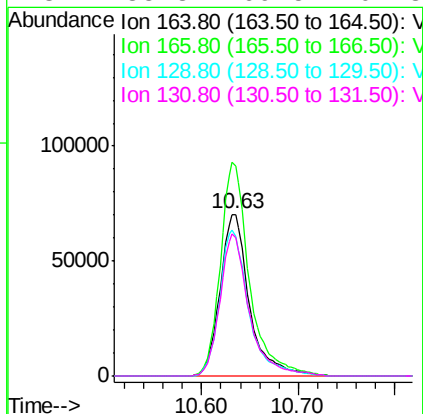
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.949 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	148042		
166	129.8	102.2	153.4	
129	85.9	72.6	109.0	
131	85.3	69.5	104.3	





#65

Chlorobenzene

Concen: 19.473 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampled :

VN0201WBSD01

Tgt Ion:112 Resp: 376970

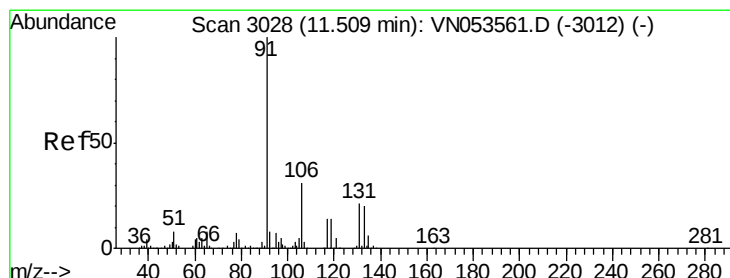
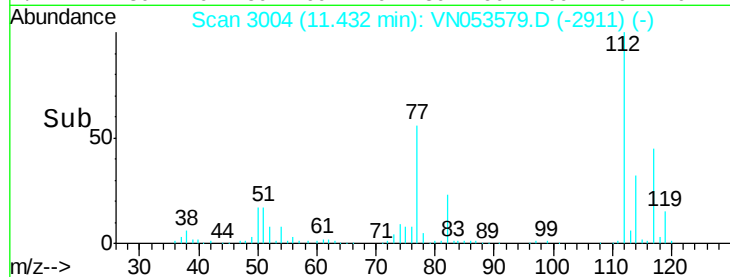
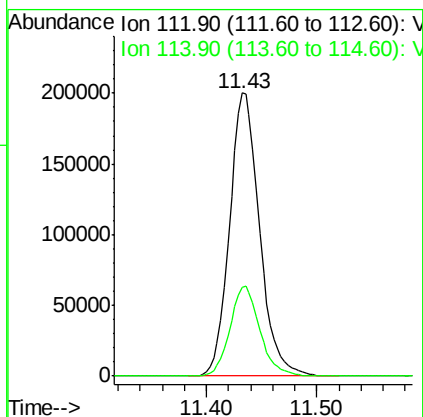
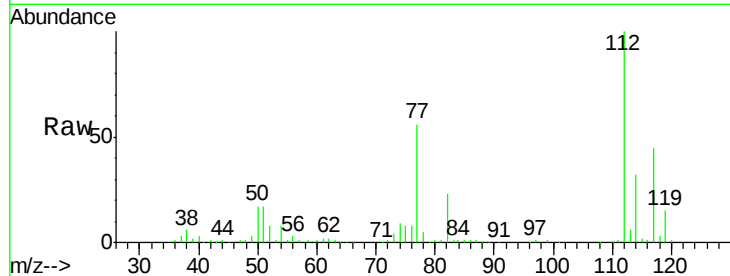
Ion Ratio Lower Upper

112 100

114 31.6 25.3 37.9

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.574 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

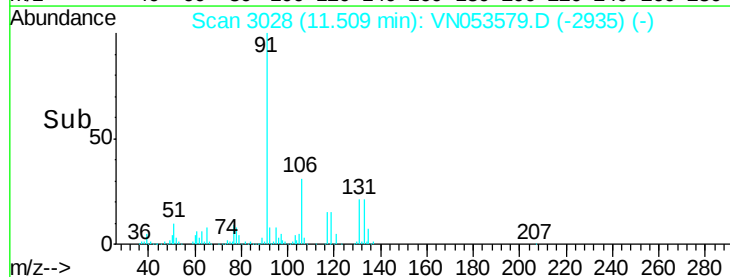
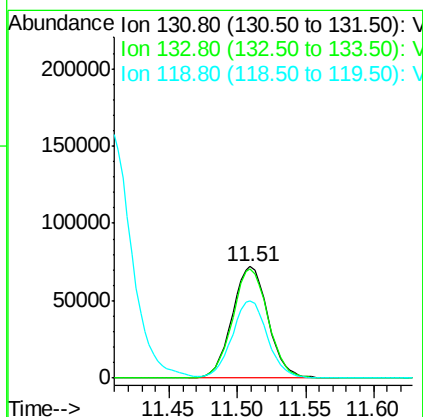
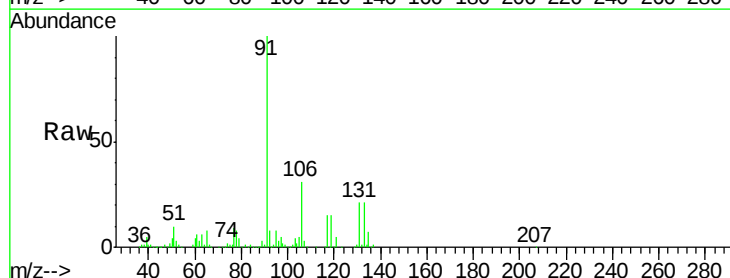
Tgt Ion:131 Resp: 132339

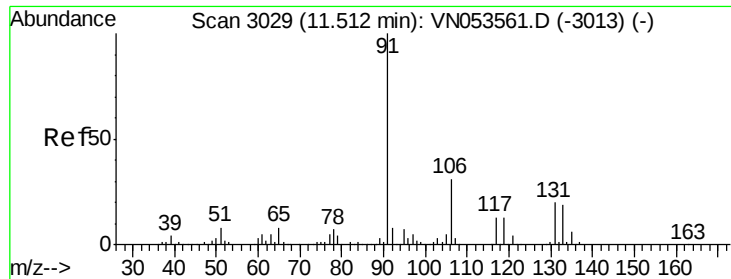
Ion Ratio Lower Upper

131 100

133 97.0 48.0 144.0

119 68.5 33.5 100.5





#67

Ethyl Benzene

Concen: 19.519 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampled :

VN0201WBSD01

Tgt Ion: 91 Resp: 620712

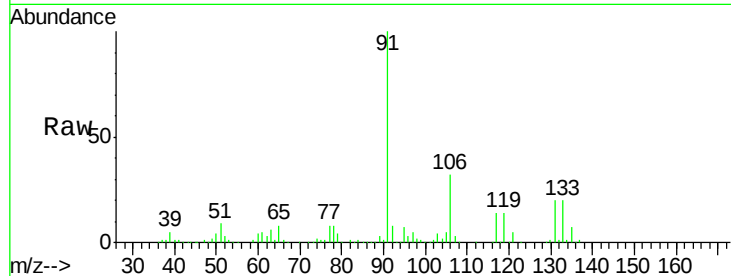
Ion Ratio Lower Upper

91 100

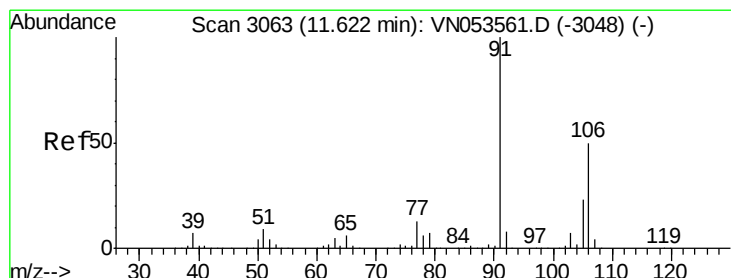
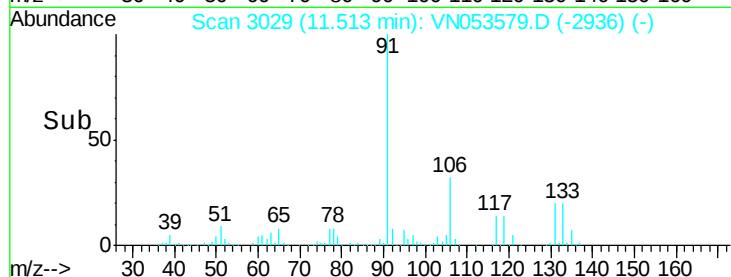
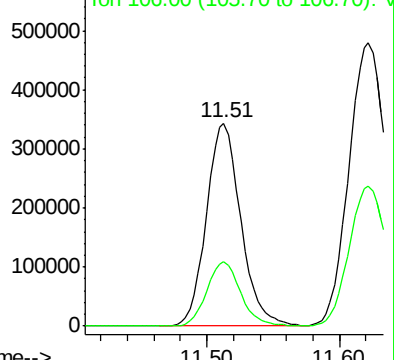
106 31.5 25.0 37.6

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3013) (-)



#68

m/p-Xylenes

Concen: 39.625 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053579.D

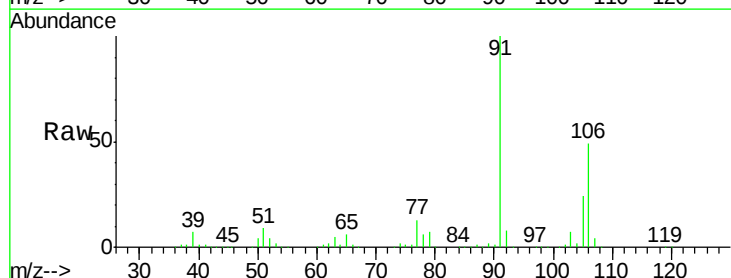
Acq: 1 Feb 2019 16:28

Tgt Ion: 106 Resp: 480934

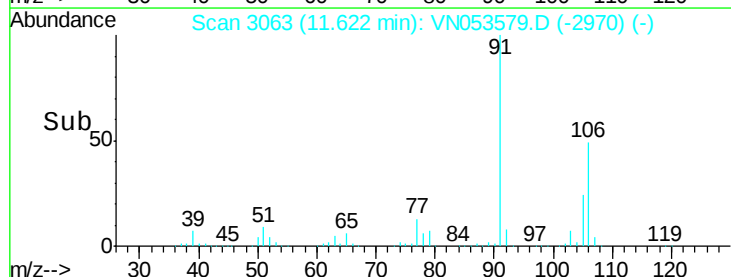
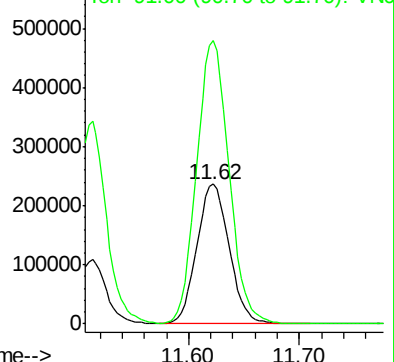
Ion Ratio Lower Upper

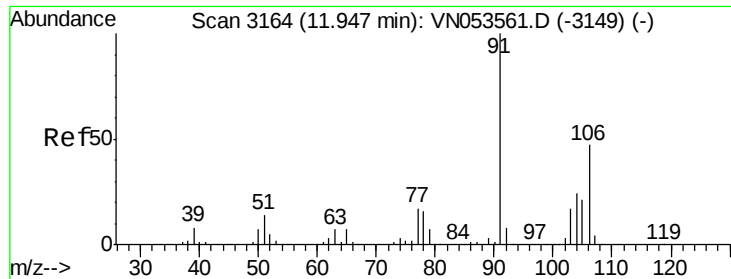
106 100

91 202.5 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): VN053561.D (-3048) (-)





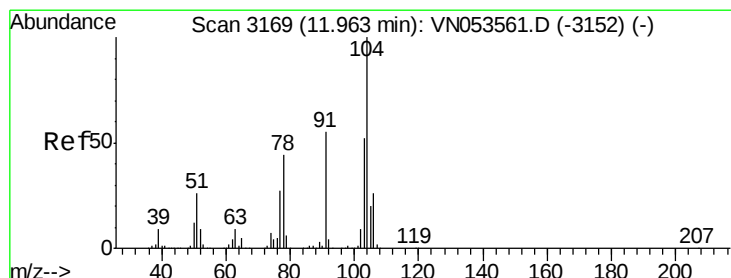
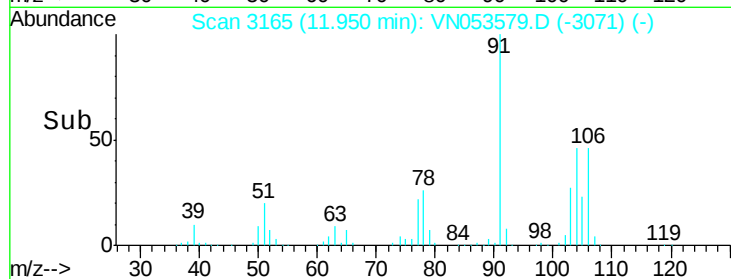
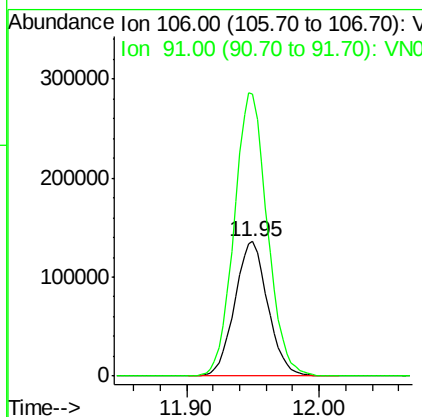
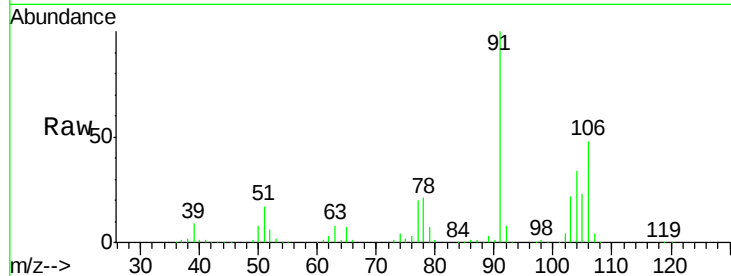
#69
o-Xylene
Concen: 20.057 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion:106 Resp: 235175
Ion Ratio Lower Upper
106 100
91 210.7 106.9 320.8

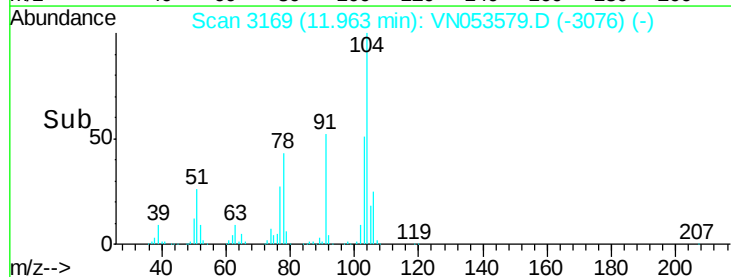
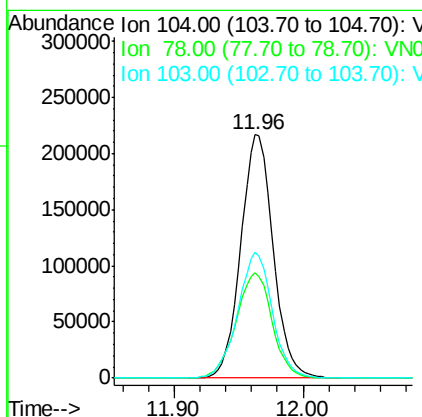
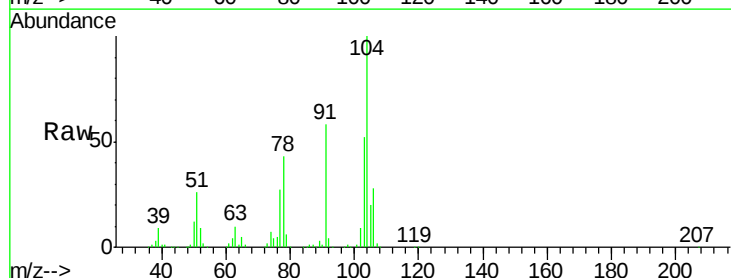
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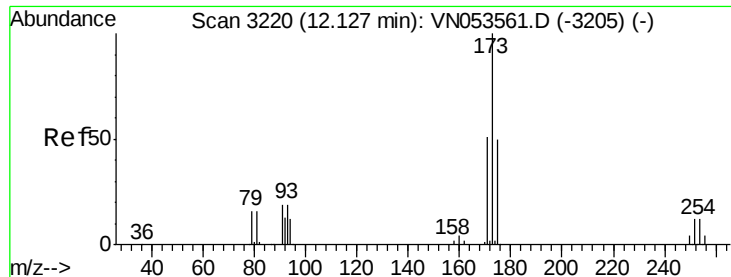
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#70
Styrene
Concen: 19.973 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion:104 Resp: 379597
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.2
103 55.0 44.4 66.6





#71

Bromoform

Concen: 20.334 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

Tgt Ion:173 Resp: 94250

Ion Ratio Lower Upper

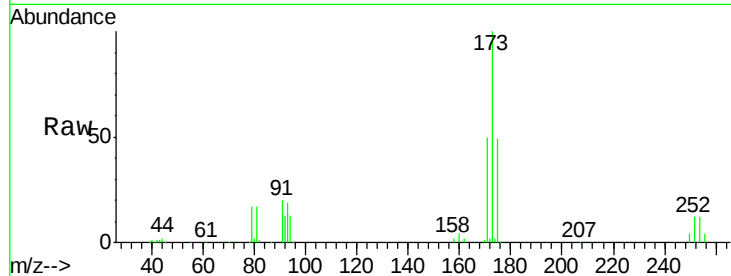
173 100

175 48.5 24.6 74.0

254 0.1 0.2 0.2#

Manual Integrations
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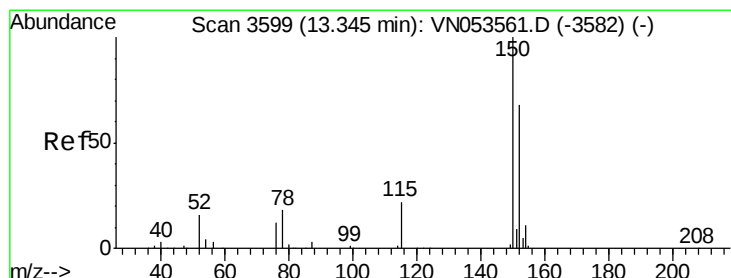
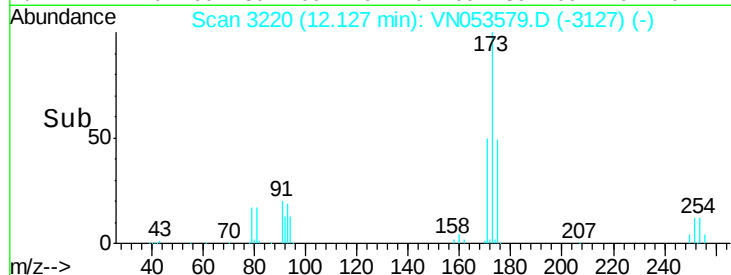
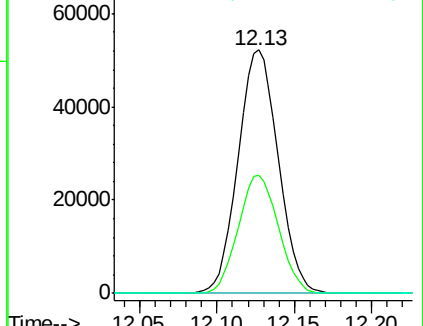
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

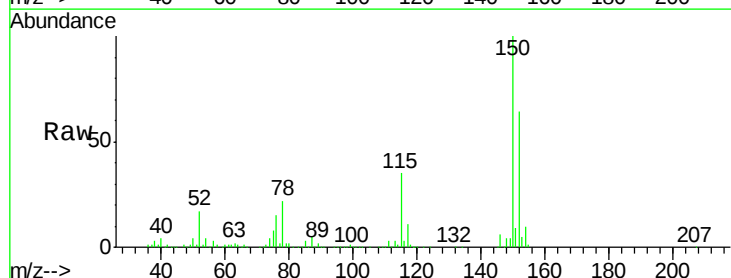
Tgt Ion:152 Resp: 435976

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

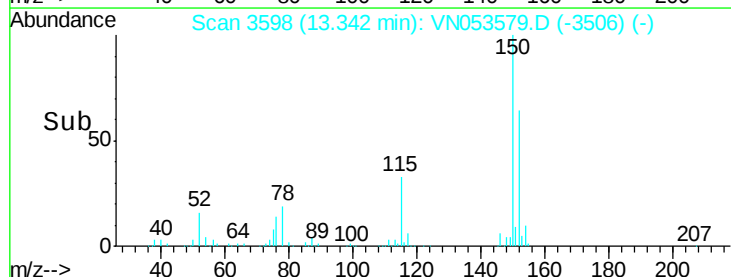
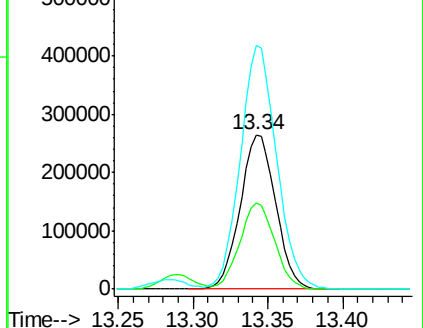
150 161.9 0.0 349.0

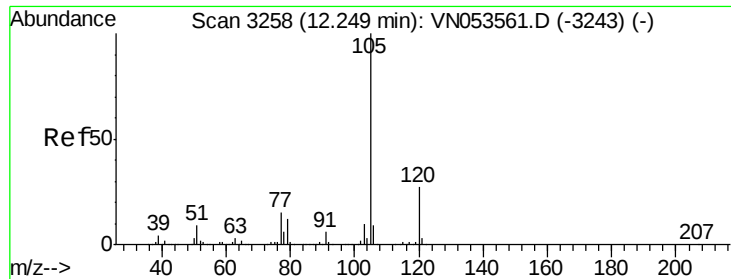


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.011 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

Tgt Ion: 105 Resp: 613310

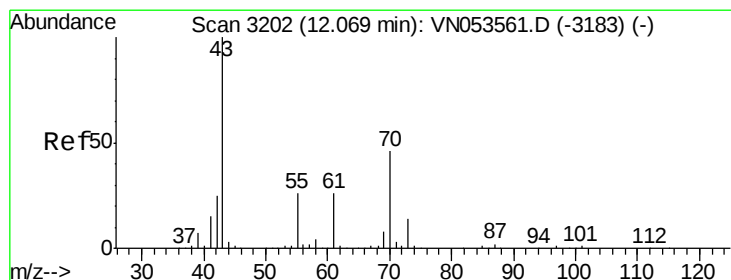
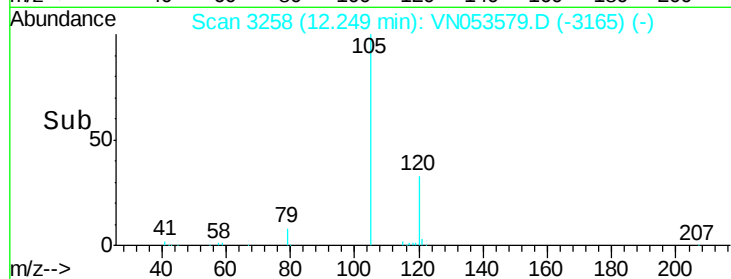
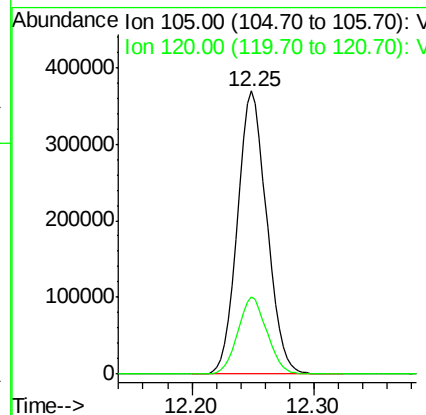
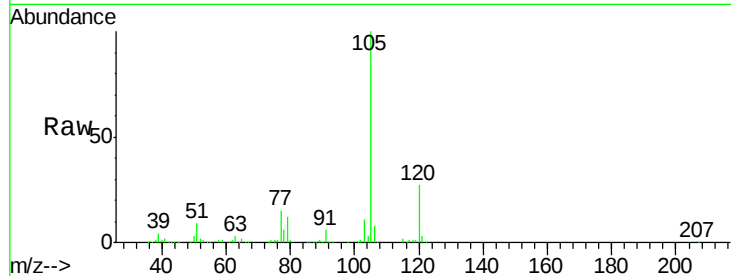
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.989 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion: 43 Resp: 139950

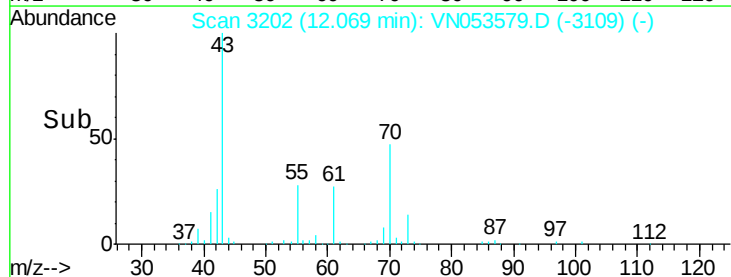
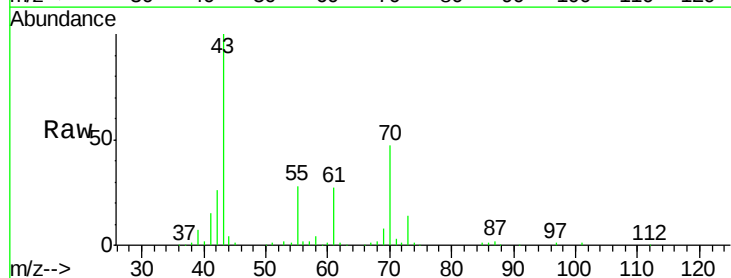
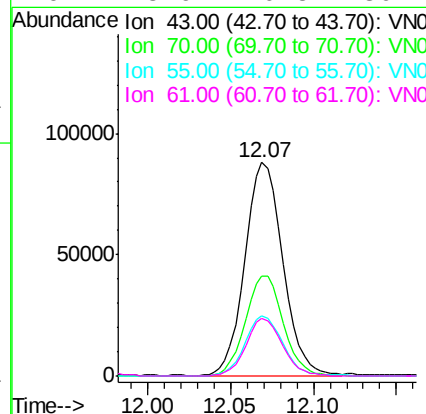
Ion Ratio Lower Upper

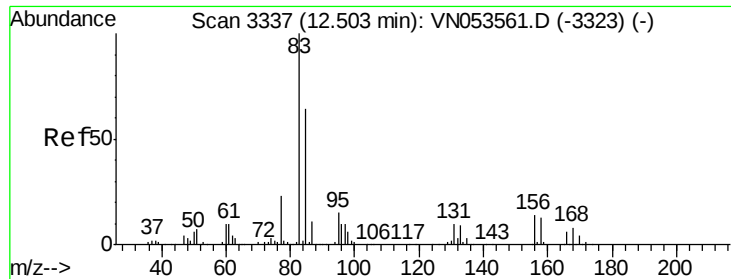
43 100

70 47.1 35.4 53.2

55 28.2 20.9 31.3

61 25.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.987 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

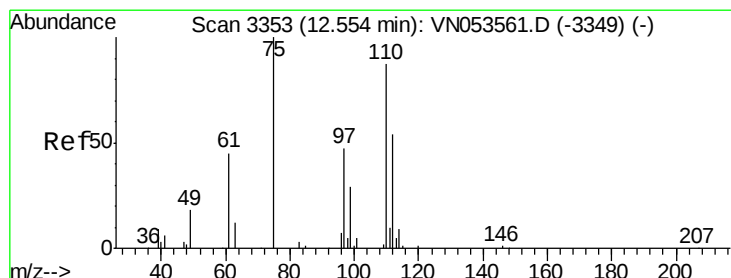
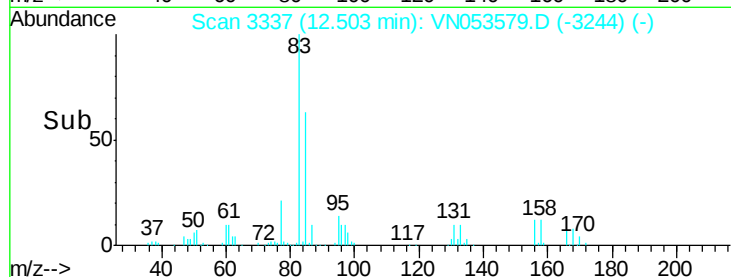
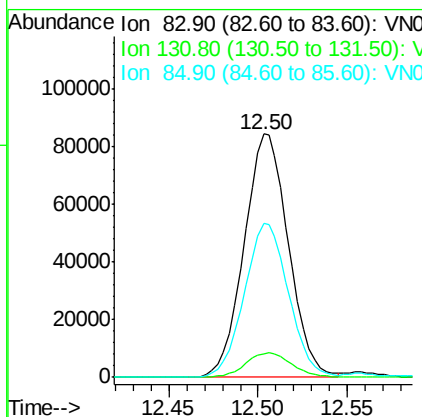
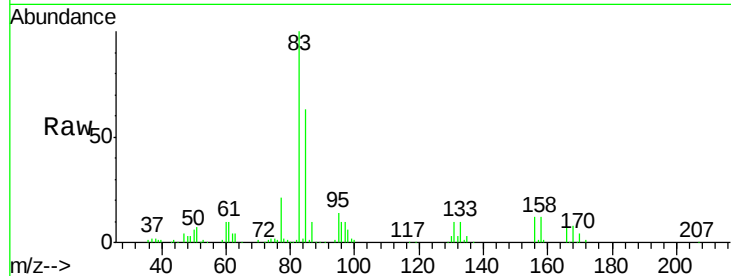
ClientSampleId :

VN0201WBSD01

Tgt Ion:	83	Resp:	146605
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	63.1	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.654 ug/l m

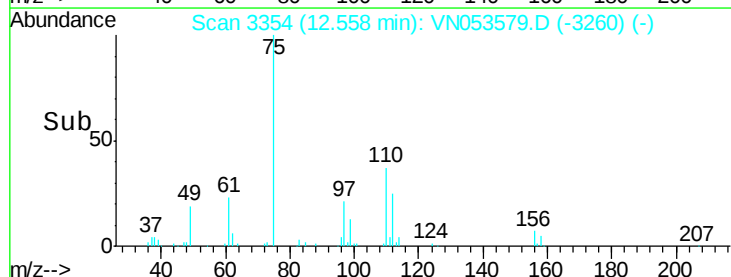
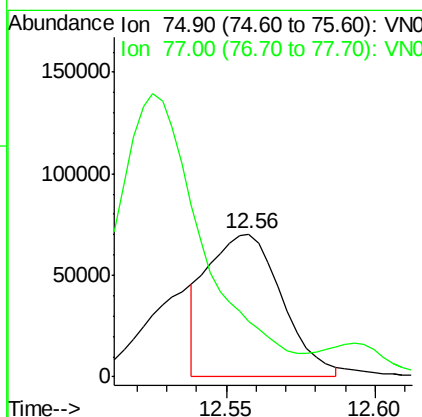
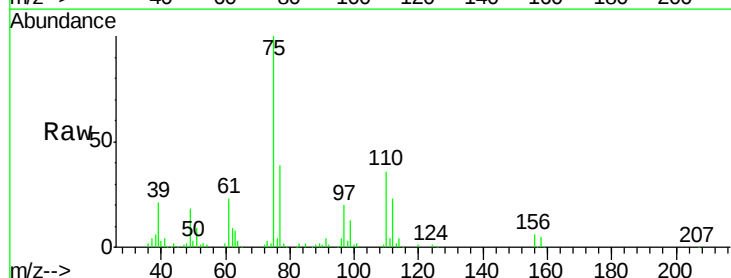
RT: 12.56 min Scan# 3354

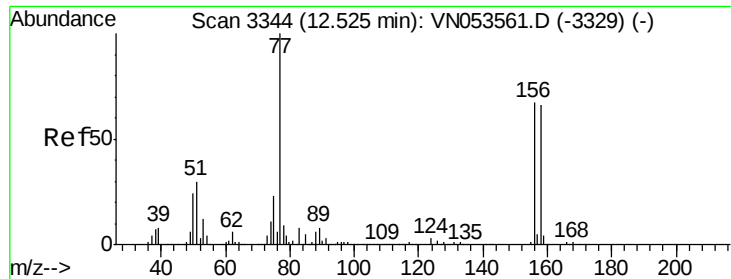
Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion:	75	Resp:	121258
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.529 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

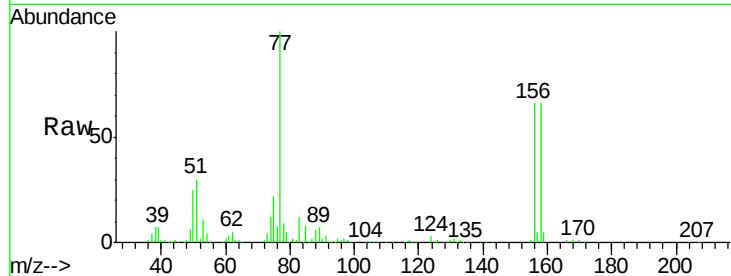
ClientSampled :

VN0201WBSD01

Tgt Ion:	156	Resp:	161311
Ion Ratio	Lower	Upper	
156	100		
77	176.3	87.9	263.8
158	98.0	48.8	146.4

Manual Integrations
APPROVED

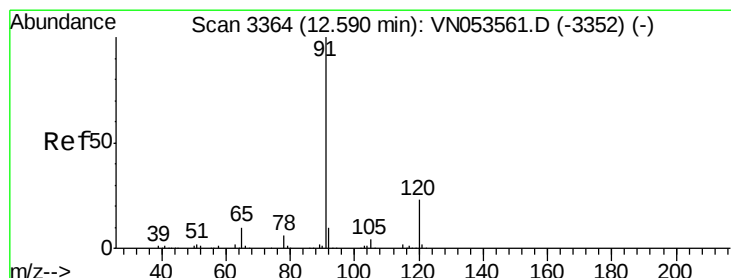
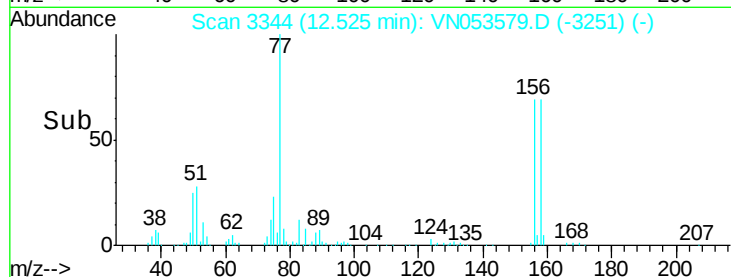
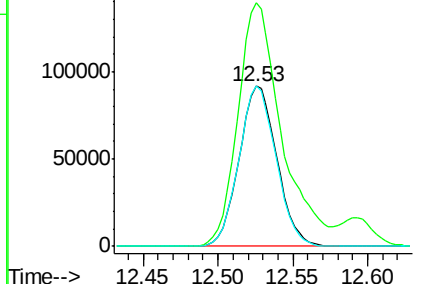
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.911 ug/l

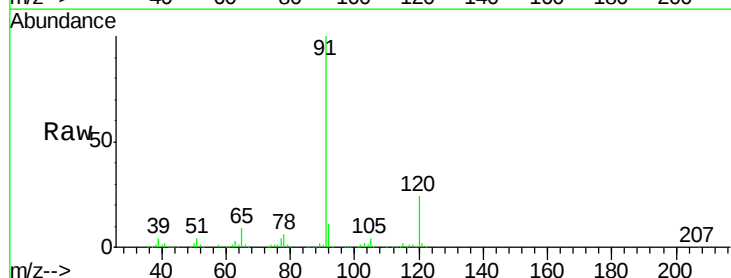
RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053579.D

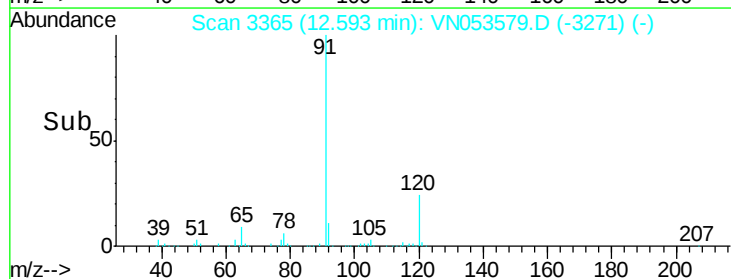
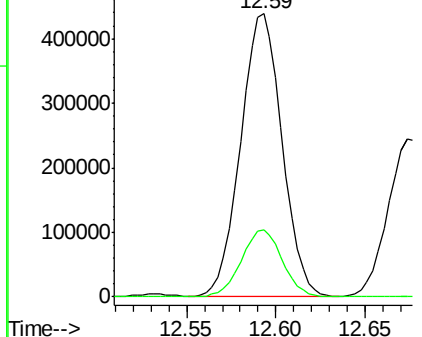
Acq: 1 Feb 2019 16:28

Tgt Ion:	91	Resp:	705435
Ion Ratio	Lower	Upper	
91	100		
120	23.5	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: 19.897 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampled :

VN0201WBSD01

Tgt Ion: 91 Resp: 418233

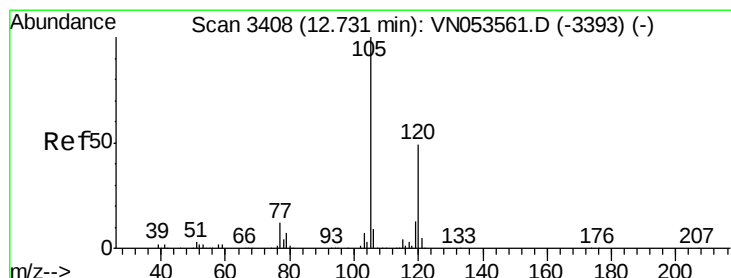
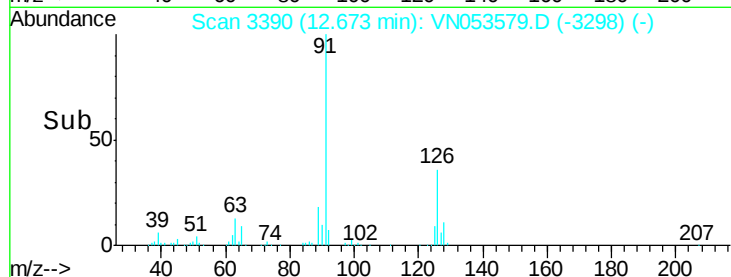
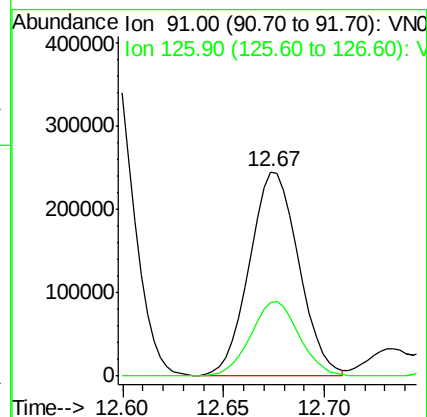
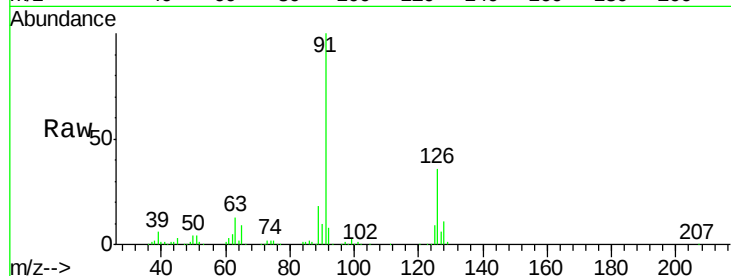
Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.7

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.562 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053579.D

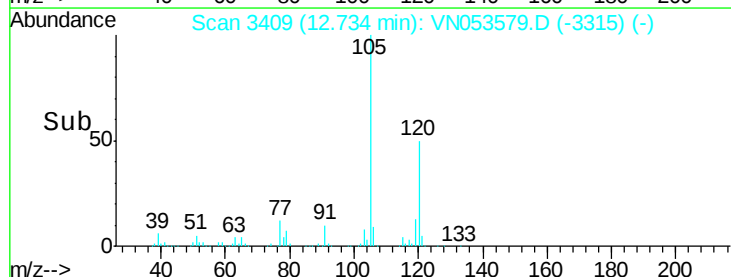
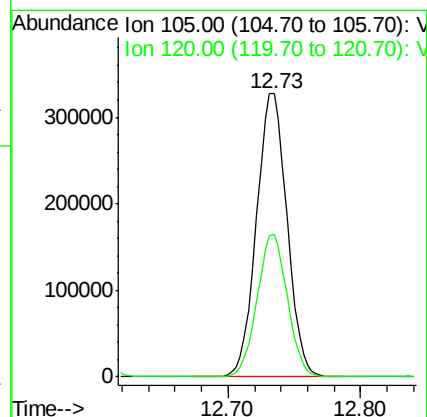
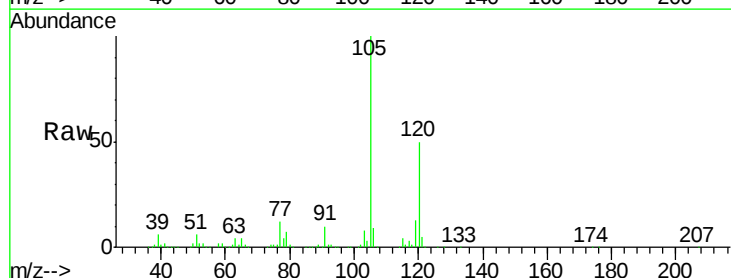
Acq: 1 Feb 2019 16:28

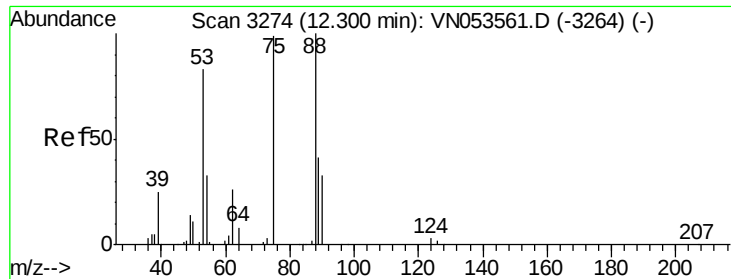
Tgt Ion: 105 Resp: 522593

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.6





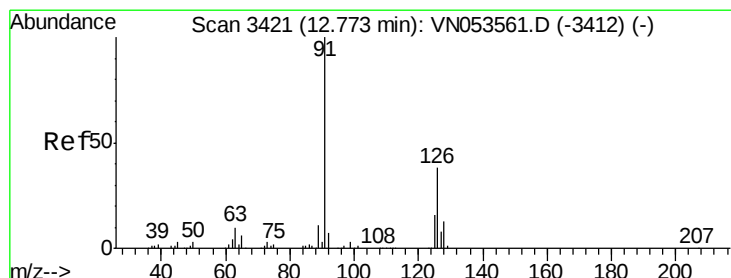
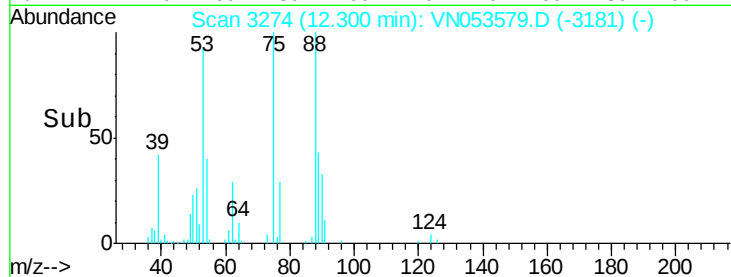
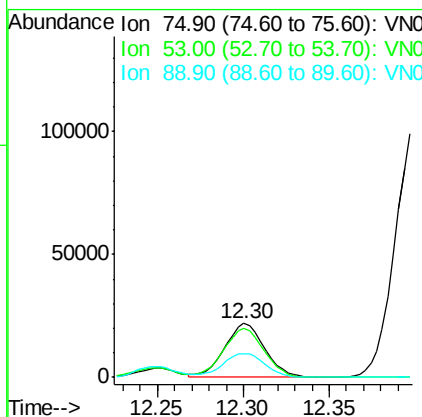
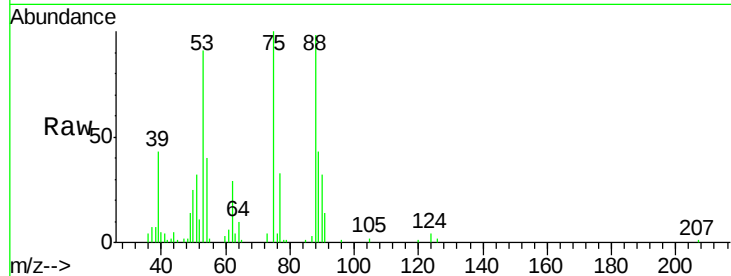
#81
trans-1,4-Dichloro-2-butene
Concen: 17.935 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.3	69.8	104.6
89	45.1	35.6	53.4

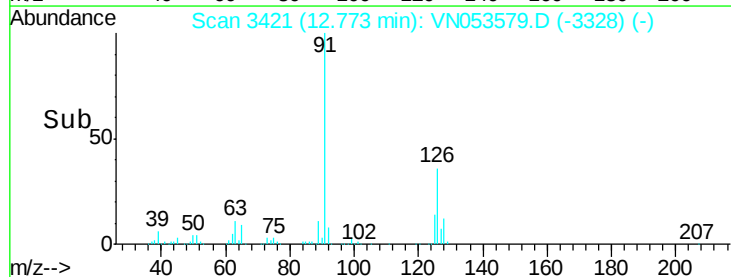
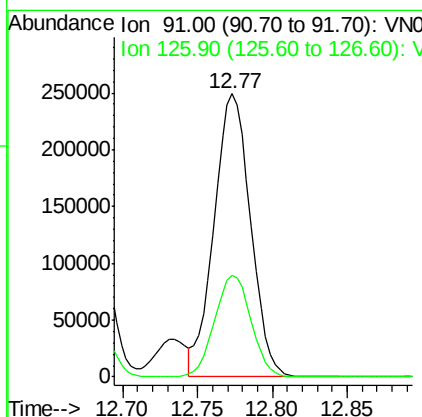
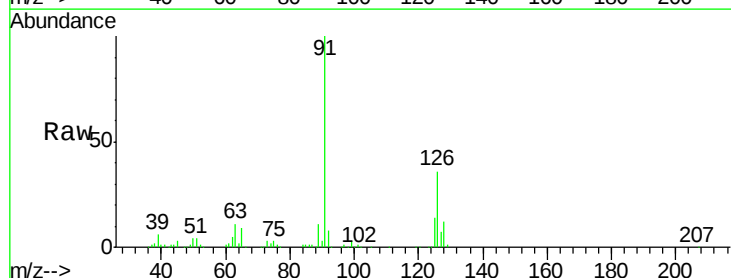
Manual Integrations
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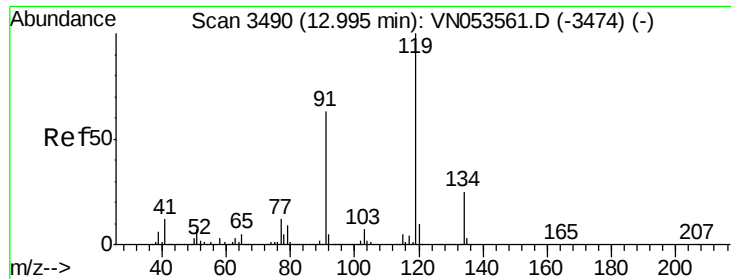
MMDadoda
2/4/2019 9:49:27 AM



#82
4-Chlorotoluene
Concen: 19.538 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.6	52.9





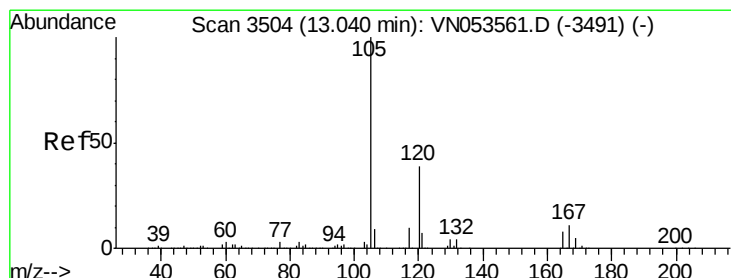
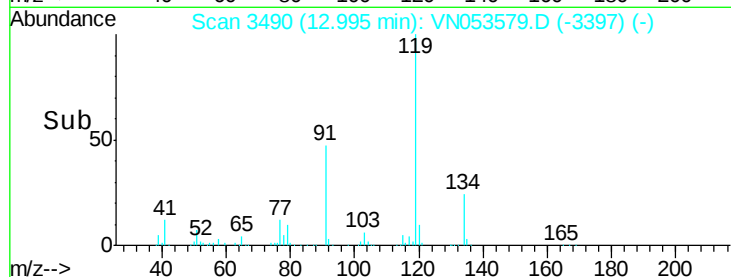
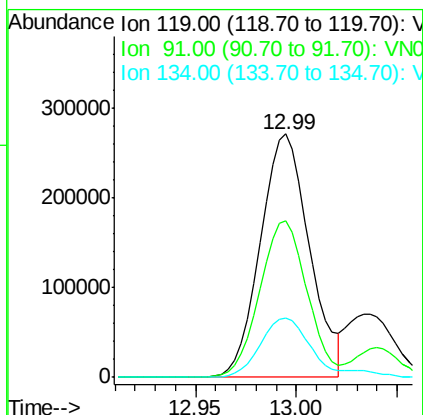
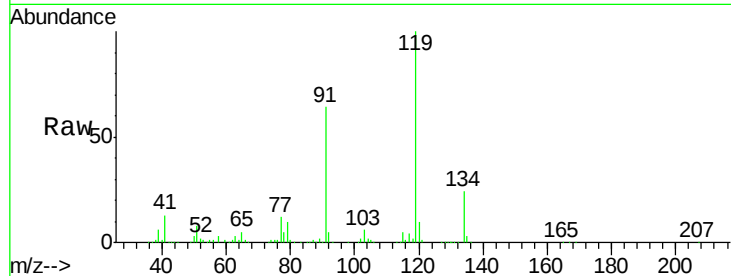
#83
 tert-Butylbenzene
 Concen: 20.447 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	459284		
91	62.0	31.3	93.8	
134	26.3	12.9	38.7	

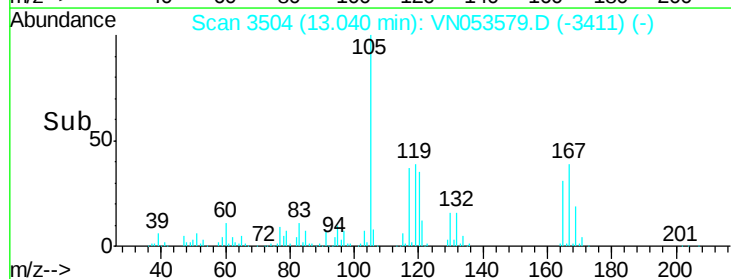
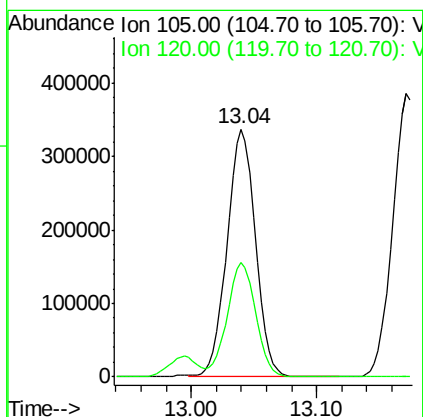
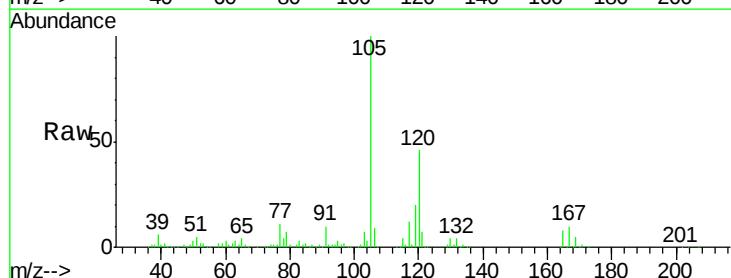
Manual Integrations
 APPROVED

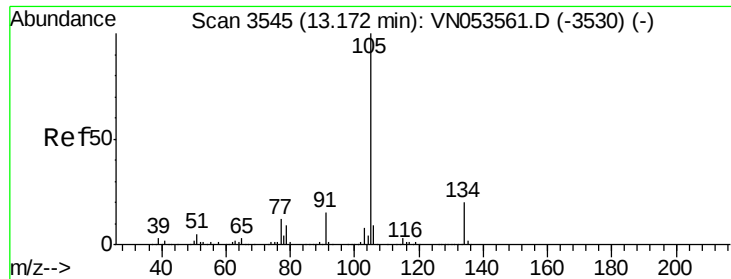
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.454 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	529612		
120	46.4	23.0	69.0	





#85

sec-Butylbenzene

Concen: 20.223 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN0201WBSD01

Tgt Ion:105 Resp: 618171

Ion Ratio Lower Upper

105 100

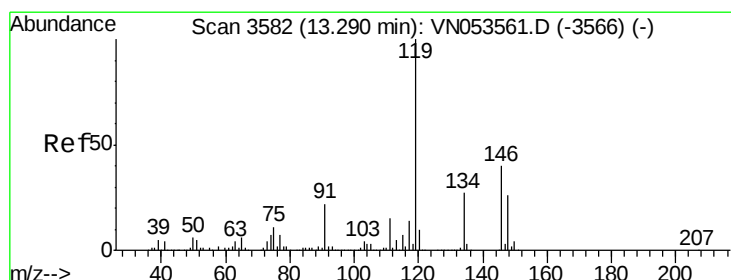
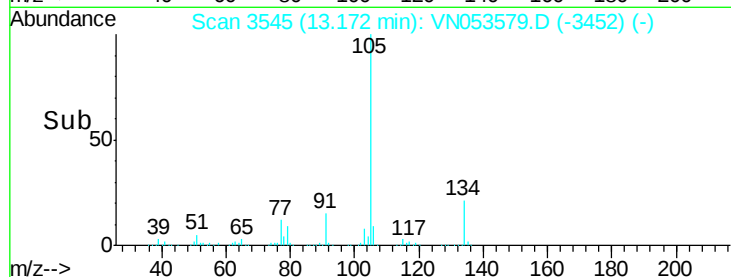
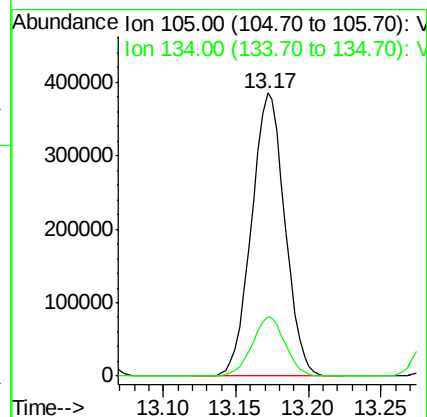
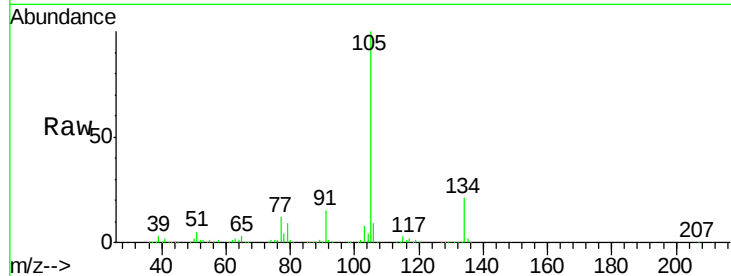
134 20.6 10.2 30.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.143 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

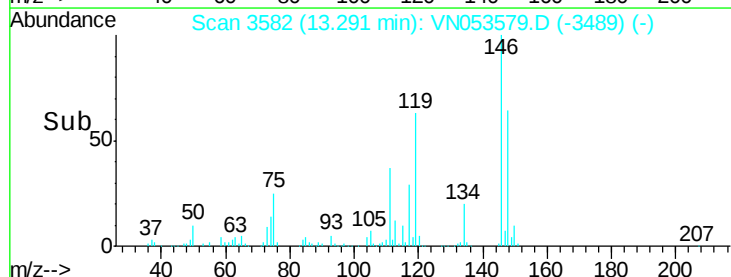
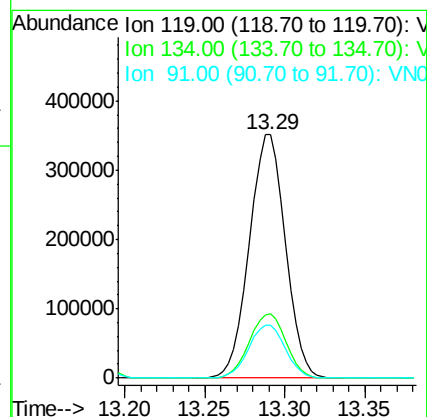
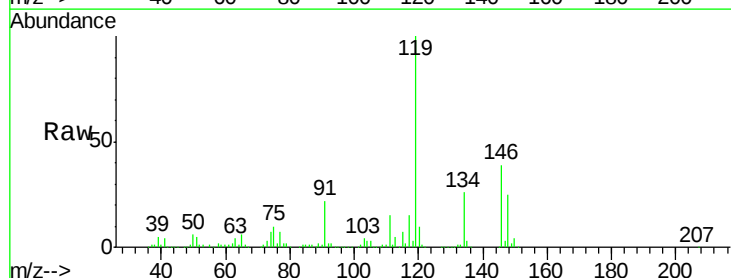
Tgt Ion:119 Resp: 538495

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.166 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Instrument :

MSVOA_N

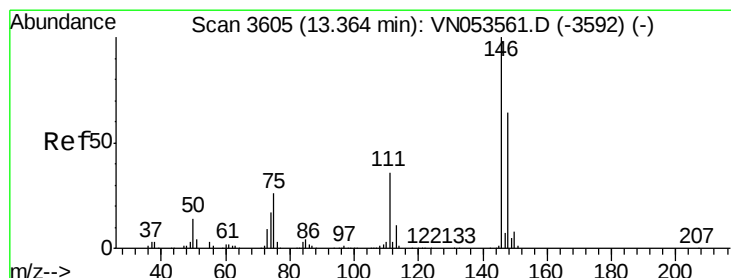
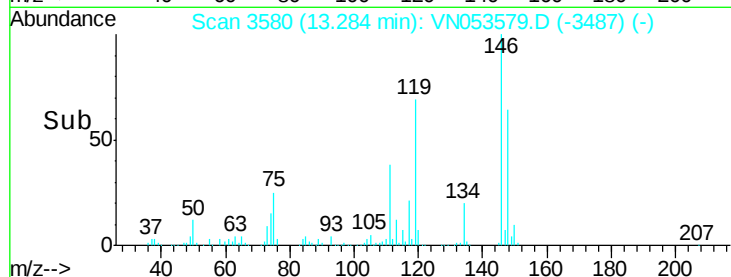
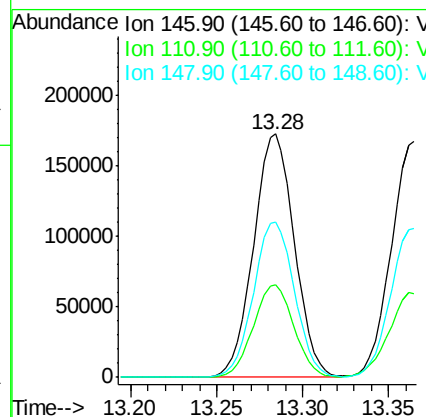
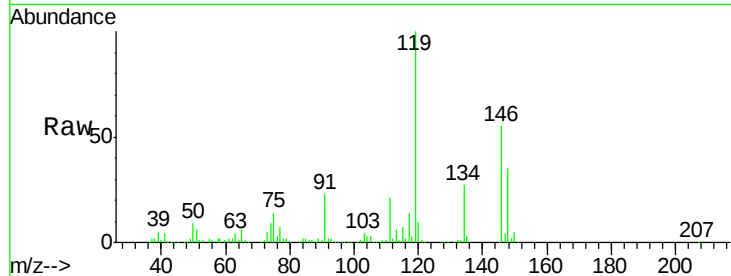
ClientSampleId :

VN0201WBSD01

Tgt Ion:	146	Resp:	284582
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.8	56.3
148	64.0	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.941 ug/l

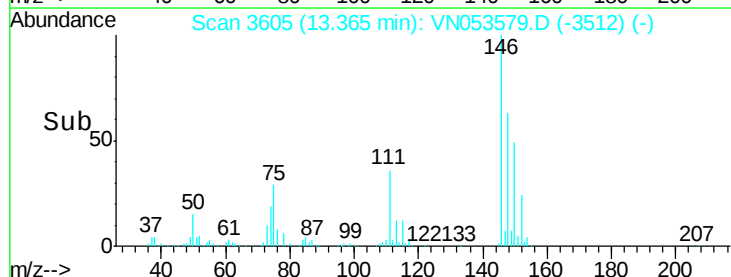
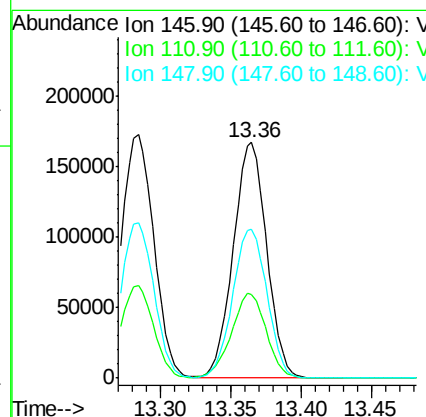
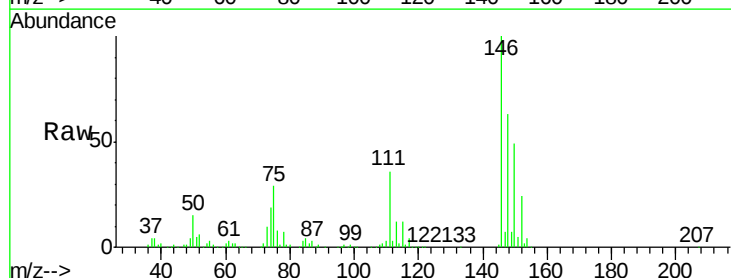
RT: 13.36 min Scan# 3605

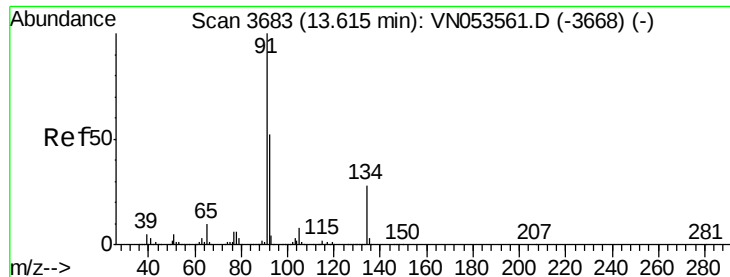
Delta R.T. 0.00 min

Lab File: VN053579.D

Acq: 1 Feb 2019 16:28

Tgt Ion:	146	Resp:	278212
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.6	55.8
148	64.9	32.4	97.0





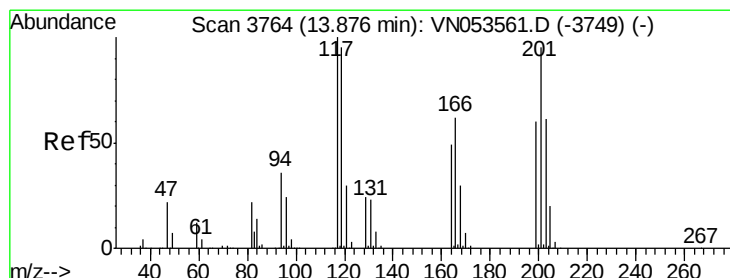
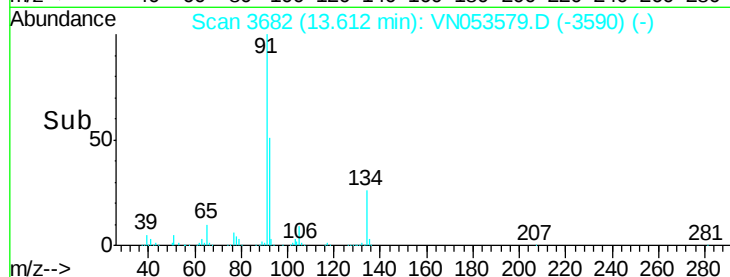
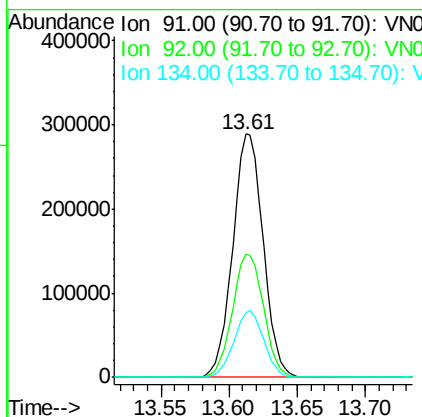
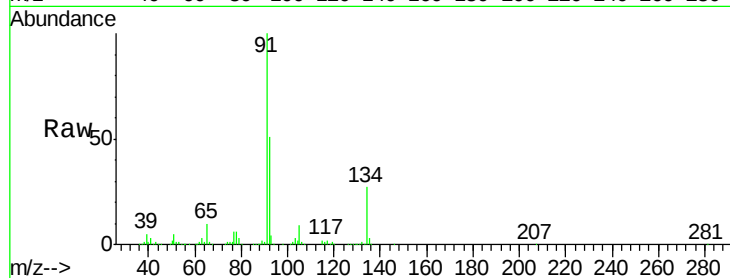
#89
n-Butylbenzene
Concen: 19.342 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.3	78.8
134	26.9	13.5	40.5

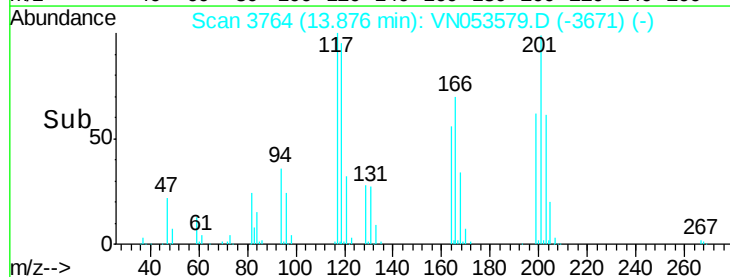
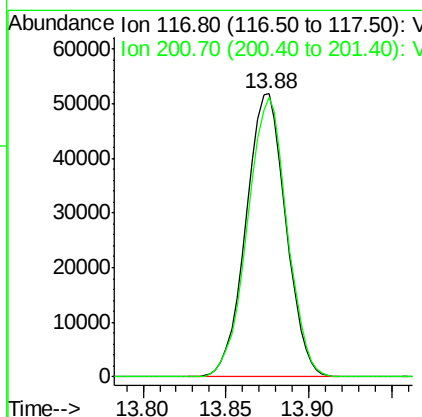
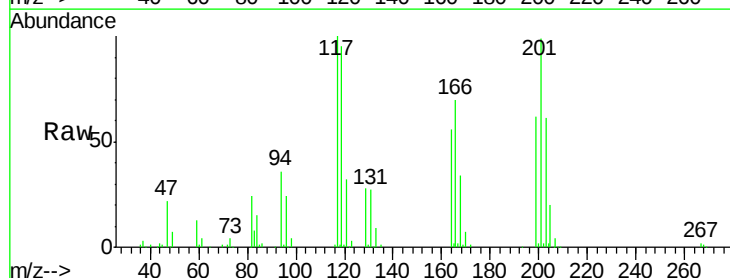
Manual Integrations
APPROVED

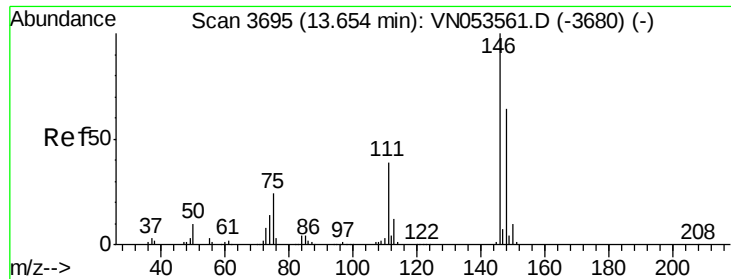
MMDadoda
2/4/2019 9:49:27 AM



#90
Hexachloroethane
Concen: 19.657 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.9	46.8	140.4





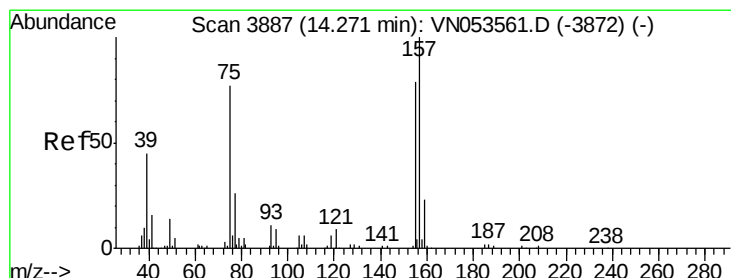
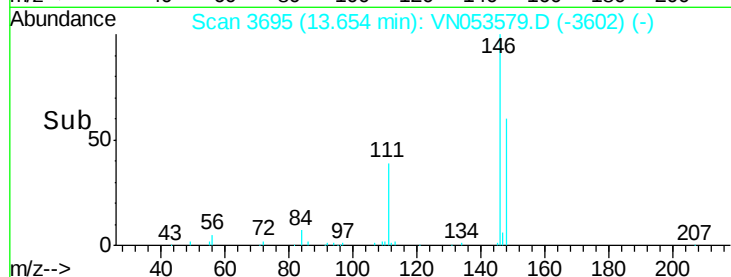
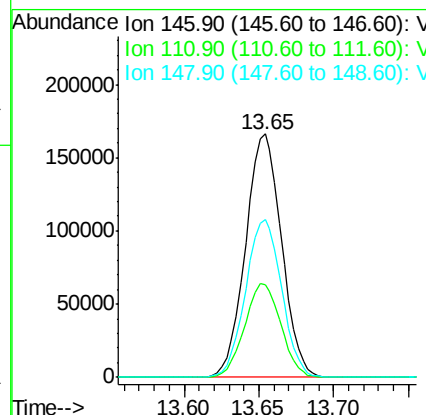
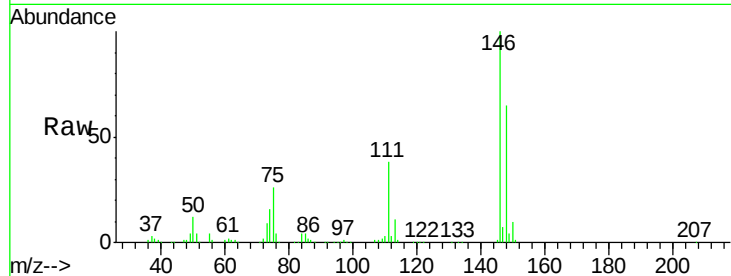
#91
 1,2-Dichlorobenzene
 Concen: 19.599 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	278605		
111	38.6	19.5	58.5	
148	64.9	31.9	95.9	

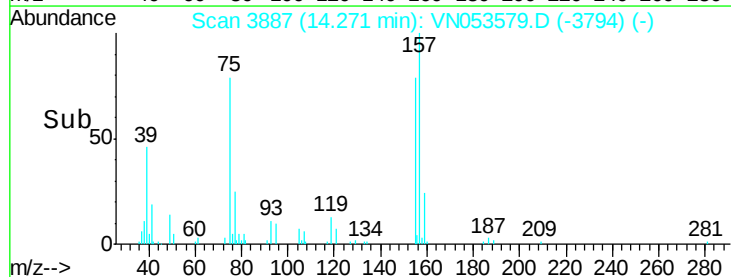
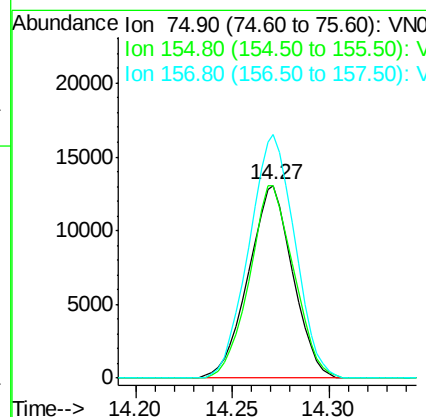
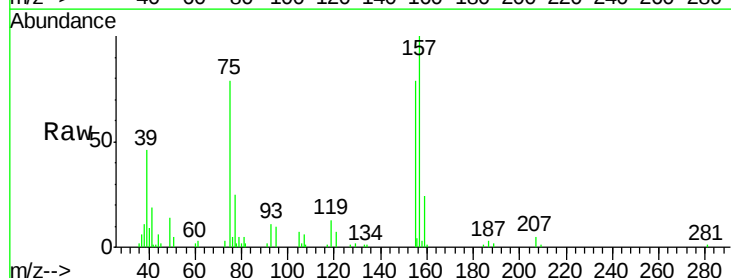
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.978 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20884		
155	99.5	48.9	146.7	
157	130.4	63.7	191.3	





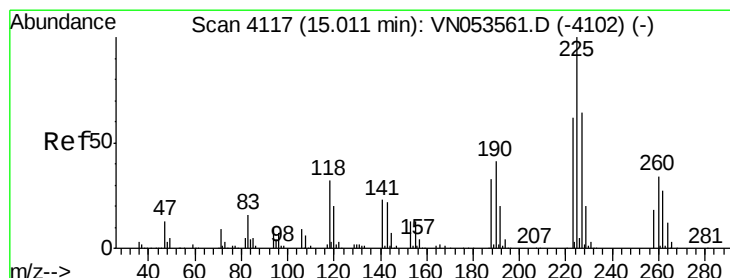
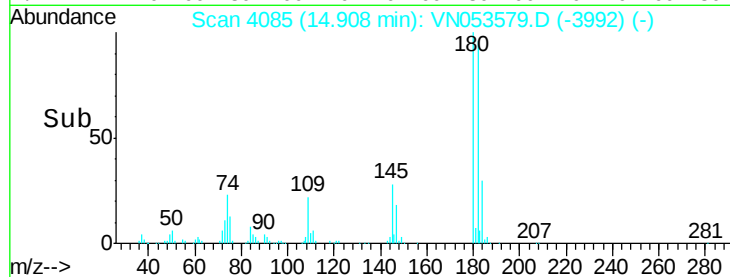
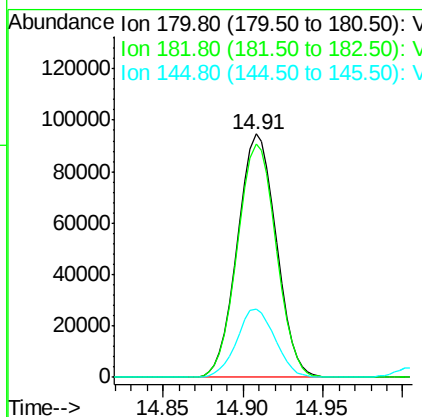
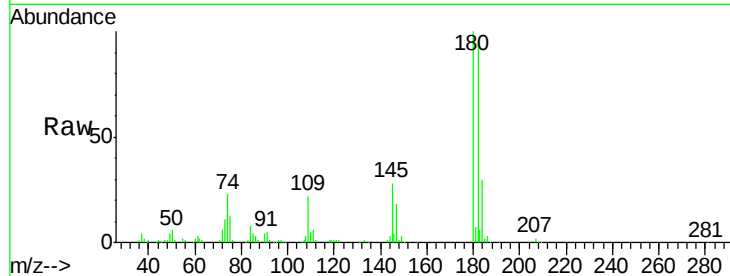
#93
 1,2,4-Trichlorobenzene
 Concen: 19.162 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156223		
182	96.2	48.1	144.3	
145	27.7	13.9	41.6	

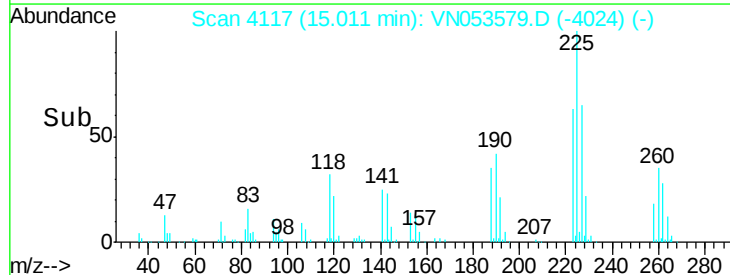
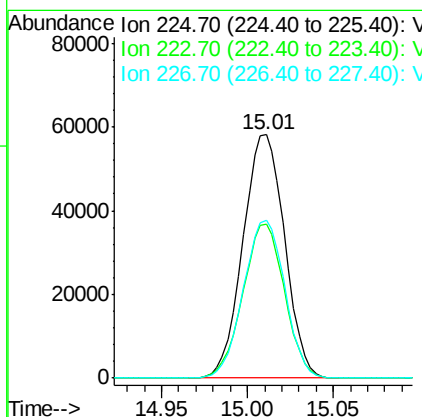
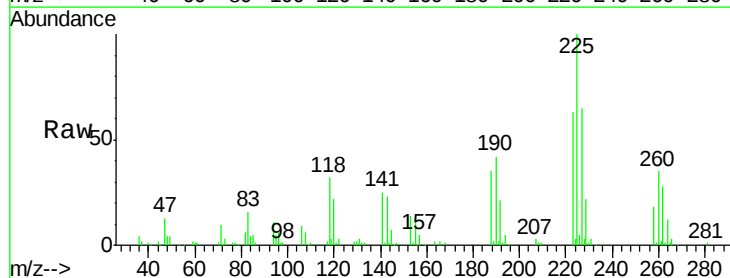
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 19.294 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053579.D
 Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97961		
223	63.2	31.1	93.2	
227	64.5	32.0	96.2	





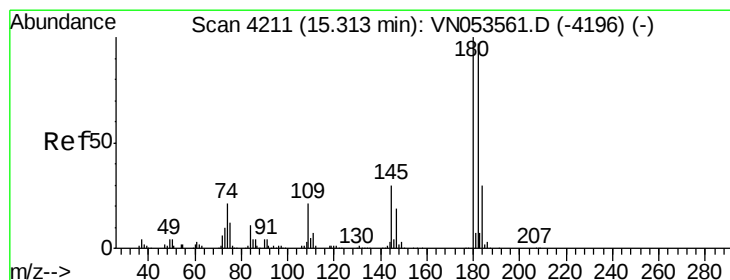
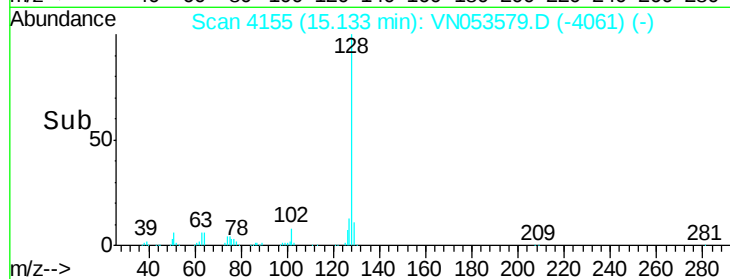
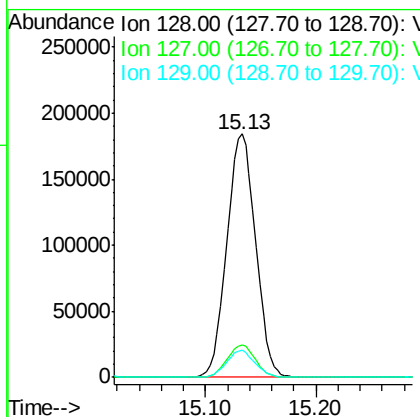
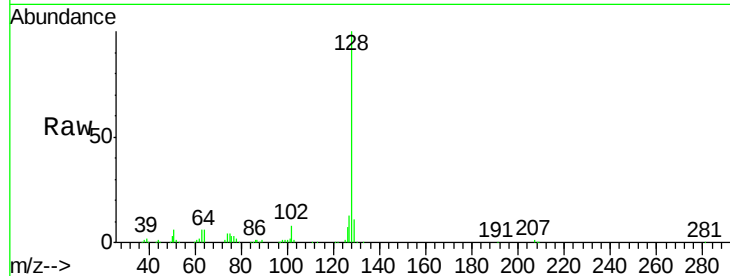
#95
Naphthalene
Concen: 18.505 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	332702		
127	12.9	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.775 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053579.D
Acq: 1 Feb 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	149597		
182	94.0	47.9	143.8	
145	29.1	14.7	44.1	

