

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121319\
 Data File : VN059589.D
 Acq On : 13 Dec 2019 17:28
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
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apatel
 12/16/2019 12:49:03 PM

Quant Time: Dec 13 17:49:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:23:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	266046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	428416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	399446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	575770	150.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.38%	
35) Dibromofluoromethane	7.57	113	410062	157.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.28%	
50) Toluene-d8	10.08	98	1615784	151.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.12%	
62) 4-Bromofluorobenzene	12.40	95	608851	157.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	453649	143.413	ug/l	100
3) Chloromethane	2.04	50	696403	143.781	ug/l	100
4) Vinyl Chloride	2.17	62	686571	145.297	ug/l	100
5) Bromomethane	2.51	94	394551	136.620	ug/l	99
6) Chloroethane	2.66	64	378964	135.189	ug/l	100
7) Trichlorofluoromethane	2.98	101	745747	132.540	ug/l	99
8) Diethyl Ether	3.38	74	256476	134.018	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	381634	131.426	ug/l	99
10) Methyl Iodide	3.92	142	553930	139.575	ug/l	99
11) Tert butyl alcohol	4.76	59	512637	794.322	ug/l	99
12) 1,1-Dichloroethene	3.71	96	384875	135.575	ug/l	97
13) Acrolein	3.58	56	402403	1093.617	ug/l	99
14) Allyl chloride	4.29	41	791126	145.280	ug/l	99
15) Acrylonitrile	4.95	53	1270274	763.942	ug/l	100
16) Acetone	3.79	43	1534477	817.040	ug/l	99
17) Carbon Disulfide	4.02	76	1222393	117.252	ug/l	99
18) Methyl Acetate	4.29	43	685424	146.592	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1412191	149.798	ug/l	99
20) Methylene Chloride	4.52	84	449639	124.992	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	429042	141.281	ug/l	98
22) Diisopropyl ether	5.92	45	1534315	148.068	ug/l	97
23) Vinyl Acetate	5.86	43	6068205	707.037	ug/l	98
24) 1,1-Dichloroethane	5.82	63	844885	143.445	ug/l	100
25) 2-Butanone	6.81	43	2005236	823.125	ug/l	99
26) 2,2-Dichloropropane	6.80	77	752971	141.403	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	491584	143.719	ug/l	99
28) Bromochloromethane	7.17	49	363689	189.610	ug/l	99
29) Tetrahydrofuran	7.18	42	1211262	728.712	ug/l	100
30) Chloroform	7.35	83	833376	143.475	ug/l	99
31) Cyclohexane	7.63	56	754387	131.756	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	738158	143.183	ug/l	99
36) 1,1-Dichloropropene	7.77	75	645836	144.690	ug/l	99
37) Ethyl Acetate	6.90	43	755551	162.433	ug/l	100
38) Carbon Tetrachloride	7.75	117	651921	147.782	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	742325	148.431	ug/l	99
40) Benzene	8.02	78	1834961	143.610	ug/l	100
41) Methacrylonitrile	7.15	41	340081m	156.105	ug/l	
42) 1,2-Dichloroethane	8.10	62	710248	148.891	ug/l	100
43) Isopropyl Acetate	8.14	43	1215026	157.108	ug/l	99
44) Trichloroethene	8.82	130	479823	148.185	ug/l	100
45) 1,2-Dichloropropane	9.10	63	499074	147.534	ug/l	100
46) Dibromomethane	9.19	93	326409	145.607	ug/l	99
47) Bromodichloromethane	9.39	83	676431	152.109	ug/l	100
48) Methyl methacrylate	9.18	41	564710	166.326	ug/l	99
49) 1,4-Dioxane	9.18	88	164148	3614.527	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	3469719	771.676	ug/l	94
52) Toluene	10.15	92	1142866	149.883	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	805672	155.296	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	826465	155.421	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	455242	147.593	ug/l	99
56) Ethyl methacrylate	10.42	69	769072	168.712	ug/l	99
57) 1,3-Dichloropropane	10.70	76	790764	150.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	1419810	983.513	ug/l	99
59) 2-Hexanone	10.74	43	2847600	835.677	ug/l	95
60) Dibromochloromethane	10.90	129	519720	155.421	ug/l	99
61) 1,2-Dibromoethane	11.00	107	485808	151.508	ug/l	99
64) Tetrachloroethene	10.63	164	498482	160.828	ug/l	99
65) Chlorobenzene	11.43	112	1209698	141.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	460643	144.566	ug/l	99
67) Ethyl Benzene	11.51	91	2198133	143.428	ug/l	97
68) m/p-Xylenes	11.62	106	1670051	294.165	ug/l	92
69) o-Xylene	11.94	106	800472	151.009	ug/l	98
70) Styrene	11.96	104	1358661	154.772	ug/l	99
71) Bromoform	12.12	173	386169	156.331	ug/l #	98
73) Isopropylbenzene	12.25	105	2129174	136.803	ug/l	99
74) N-amyl acetate	12.07	43	1109754	162.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	687579	132.377	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	672005m	128.276	ug/l	
77) Bromobenzene	12.52	156	512230	134.179	ug/l	99
78) n-propylbenzene	12.59	91	2489245	131.570	ug/l	98
79) 2-Chlorotoluene	12.67	91	1500588	132.877	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1817244	137.987	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	288210	145.302	ug/l	99
82) 4-Chlorotoluene	12.77	91	1566577	136.189	ug/l	100
83) tert-Butylbenzene	12.99	119	1523925	139.022	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1850336	142.455	ug/l	99
85) sec-Butylbenzene	13.17	105	2075109	138.185	ug/l	100
86) p-Isopropyltoluene	13.29	119	1913679	142.824	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	955697	136.607	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	951958	139.267	ug/l	99
89) n-Butylbenzene	13.61	91	1803337	142.783	ug/l	98
90) Hexachloroethane	13.87	117	365031	147.425	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	935584	141.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	182504	138.570	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Dec 13 17:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	644673	143.820	ug/l	98
94) Hexachlorobutadiene	15.01	225	304256	134.448	ug/l	98
95) Naphthalene	15.12	128	1941900	147.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	620798	134.755	ug/l	100

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

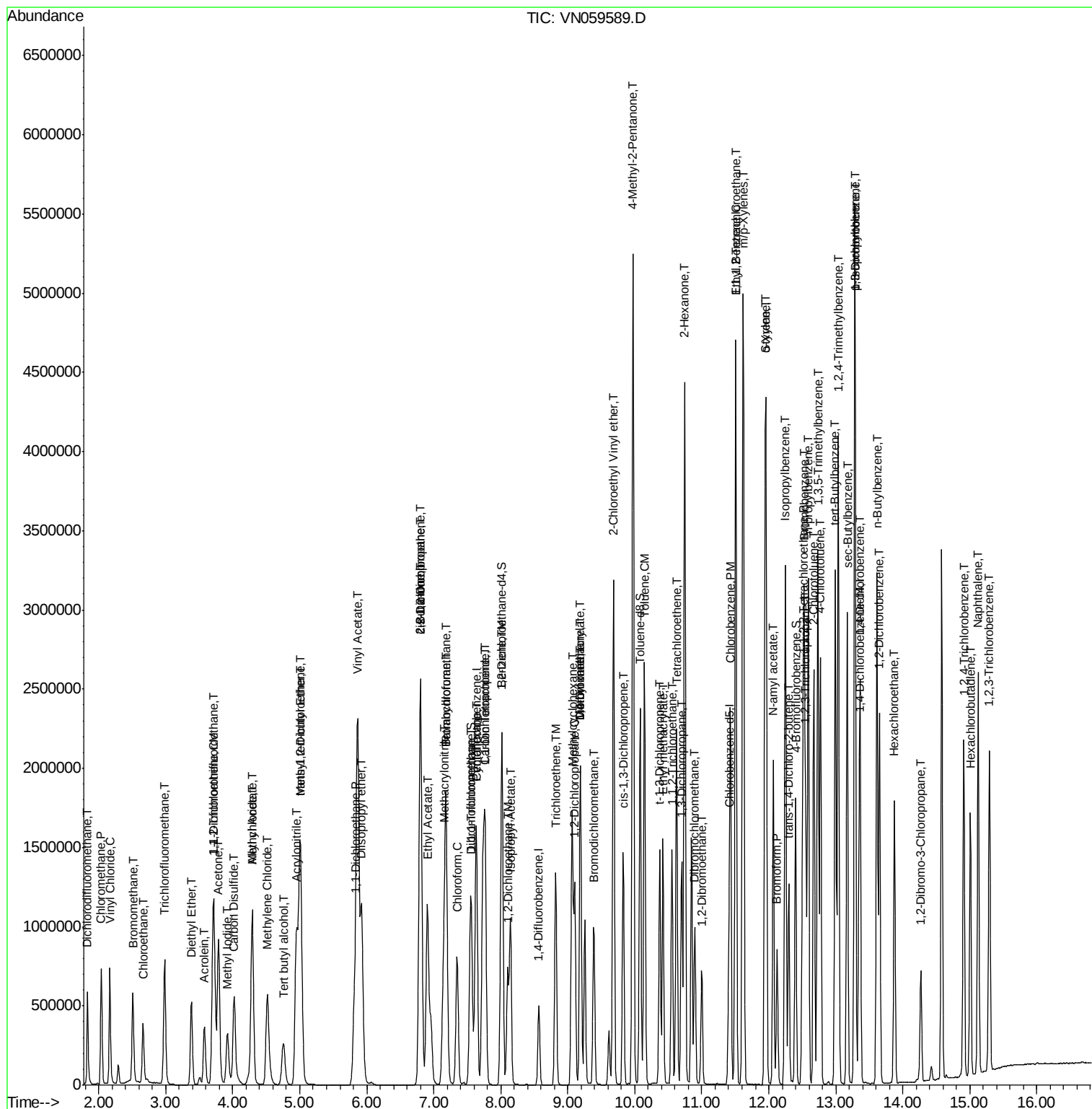
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 Acq On : 13 Dec 2019 17:28
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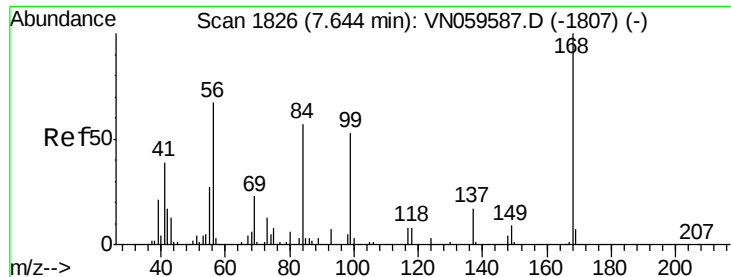
Instrument :
 MSVOA_N
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 266046

Ion Ratio Lower Upper

168 100

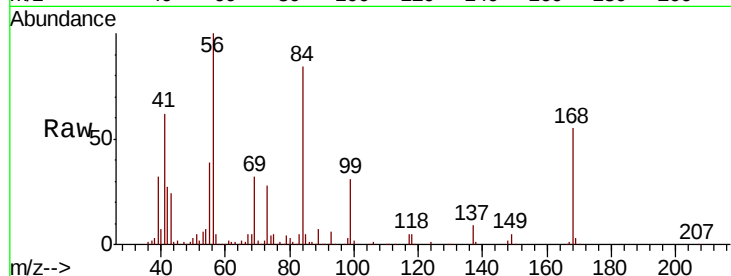
99 56.8 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

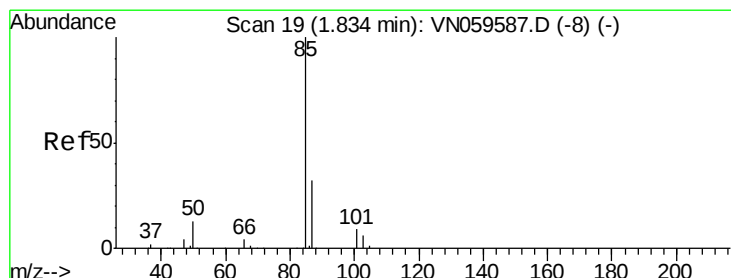
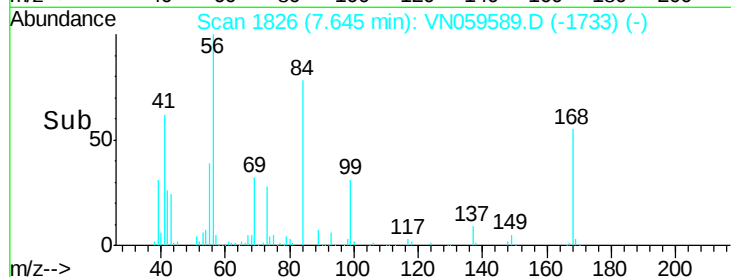
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 143.413 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059589.D

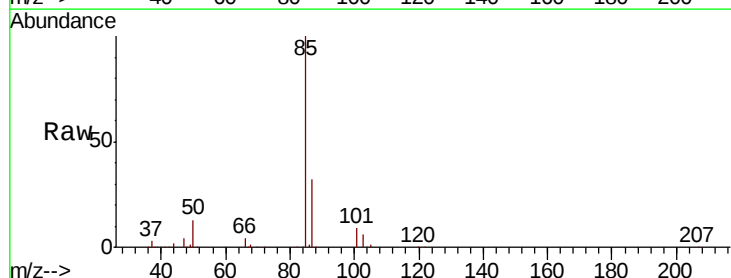
Acq: 13 Dec 2019 17:28

Tgt Ion: 85 Resp: 453649

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

300000

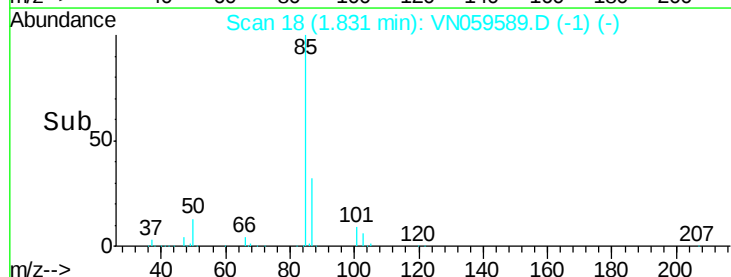
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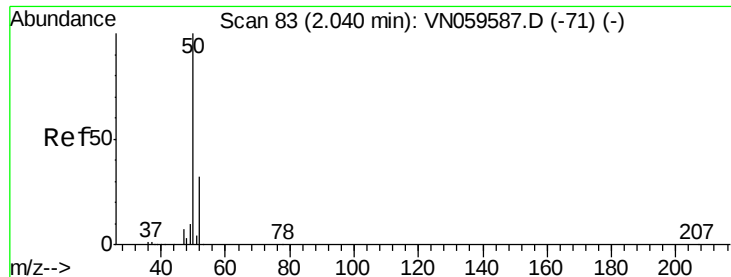
100000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 143.781 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 696403

Ion Ratio Lower Upper

50 100

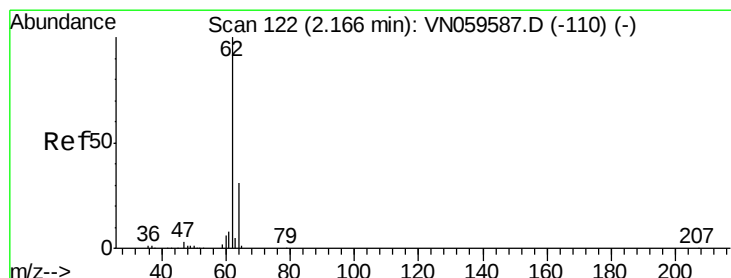
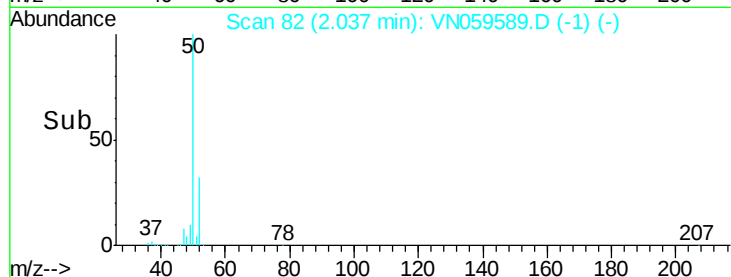
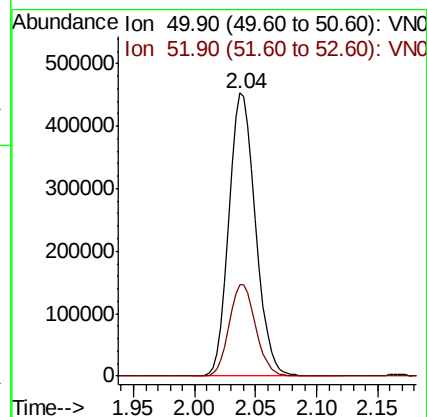
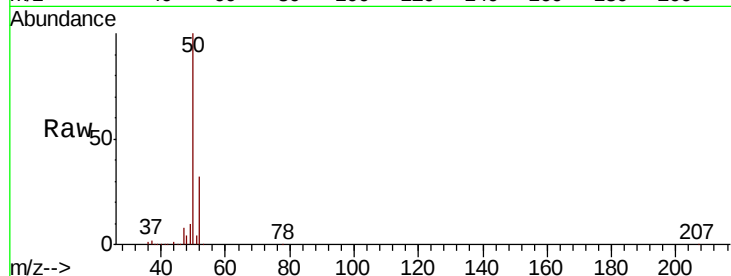
52 32.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 145.297 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059589.D

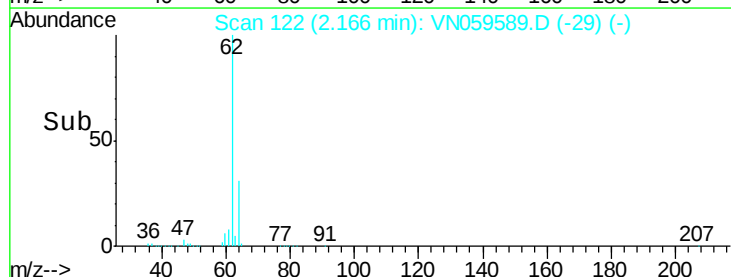
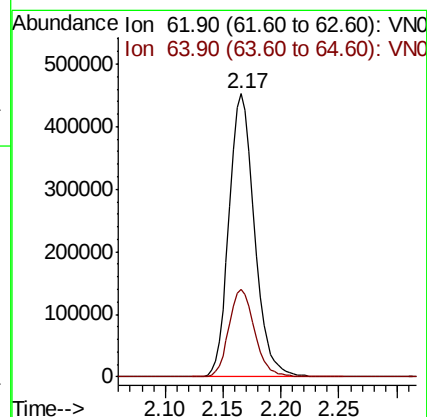
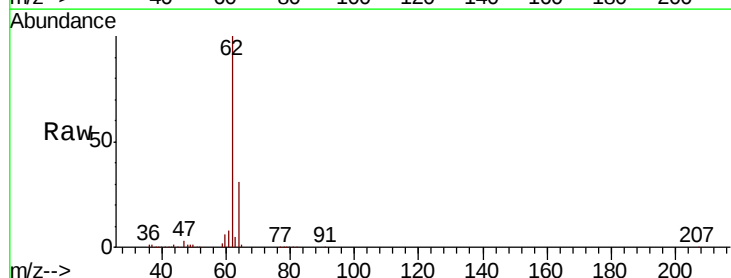
Acq: 13 Dec 2019 17:28

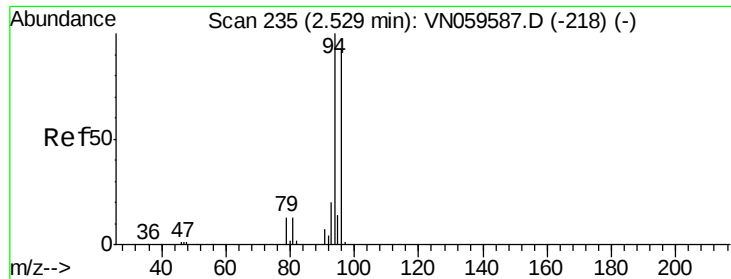
Tgt Ion: 62 Resp: 686571

Ion Ratio Lower Upper

62 100

64 31.0 24.6 37.0





#5

Bromomethane

Concen: 136.620 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.02 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 394551

Ion Ratio Lower Upper

94 100

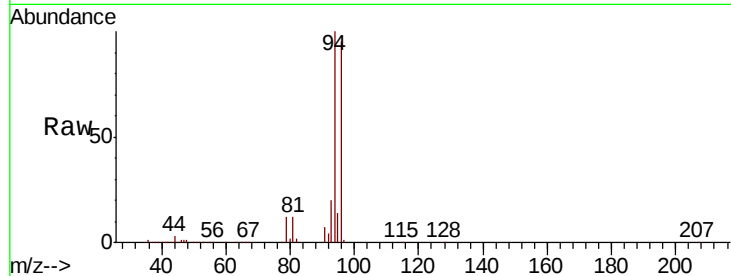
96 94.7 74.7 112.1

Manual Integrations

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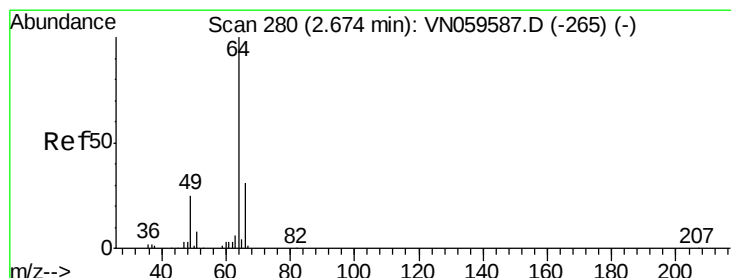
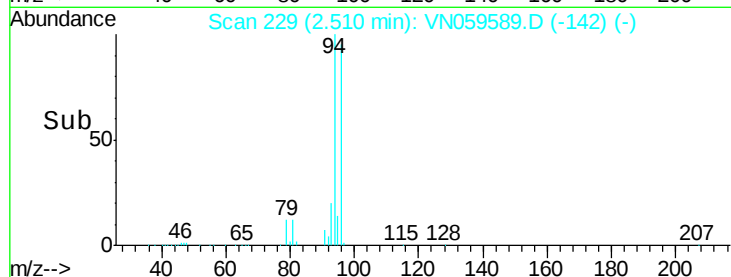
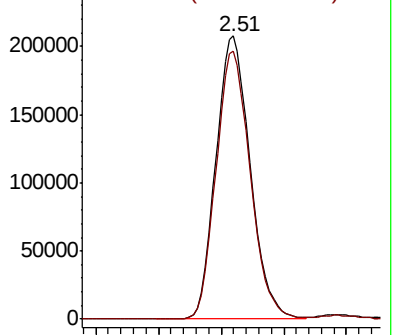
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 135.189 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN059589.D

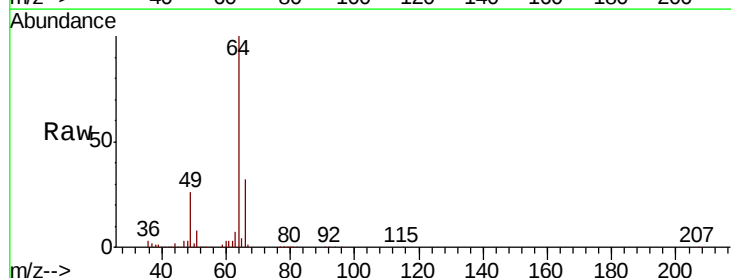
Acq: 13 Dec 2019 17:28

Tgt Ion: 64 Resp: 378964

Ion Ratio Lower Upper

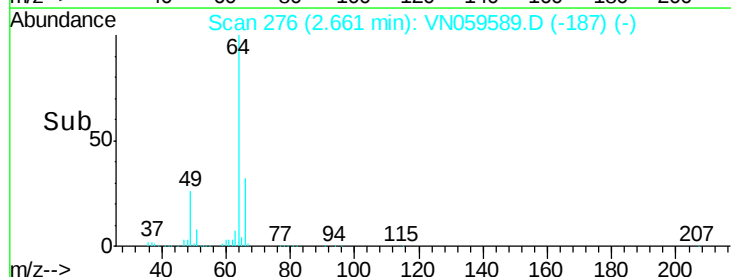
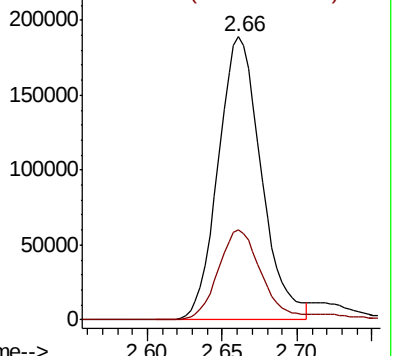
64 100

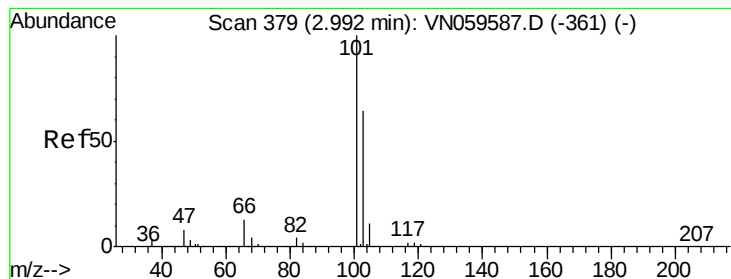
66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

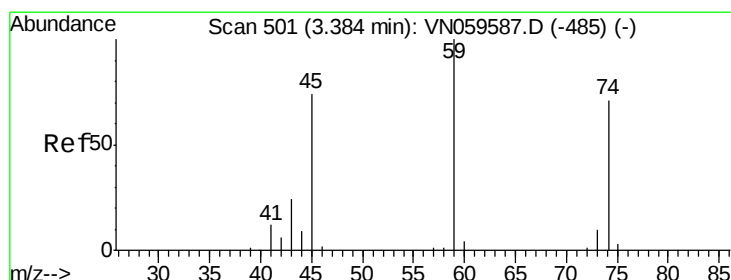
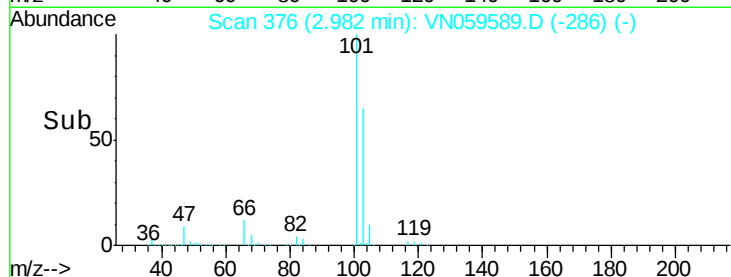
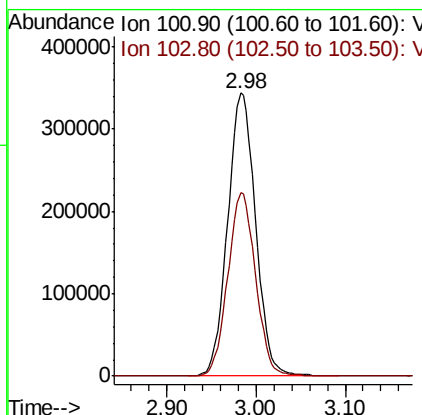
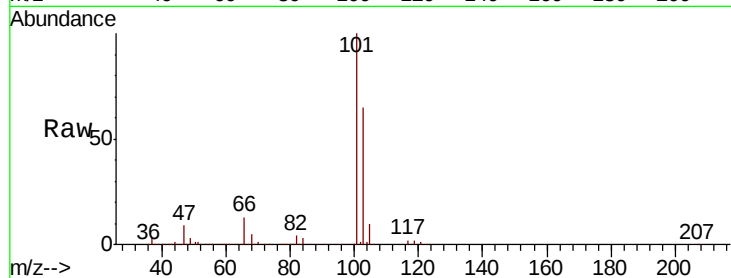
Trichlorofluoromethane
Concen: 132.540 ug/l
RT: 2.98 min Scan# 376
Delta R.T. -0.01 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.6

Manual Integrations
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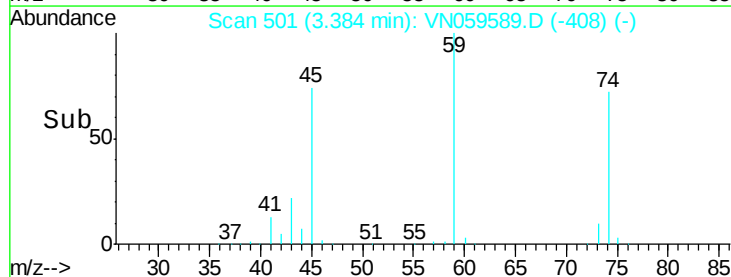
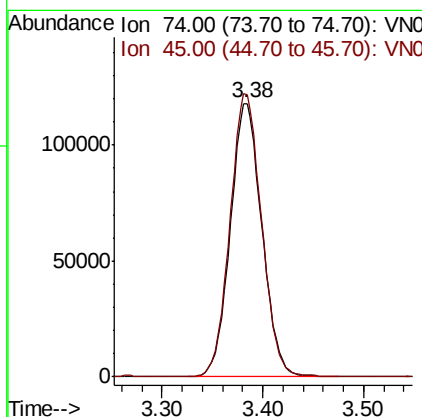
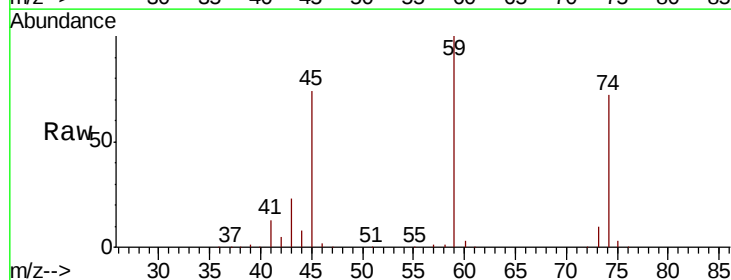
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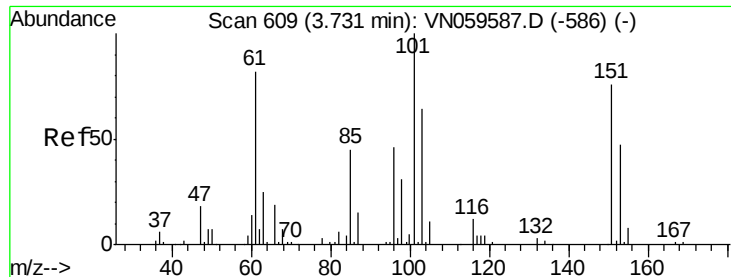


#8

Diethyl Ether
Concen: 134.018 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 131.426 ug/l

RT: 3.73 min Scan# 607

Delta R.T. -0.01 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

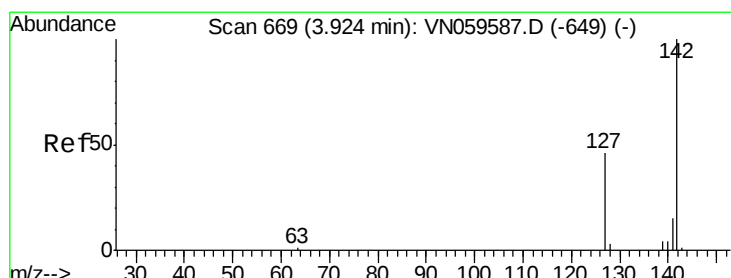
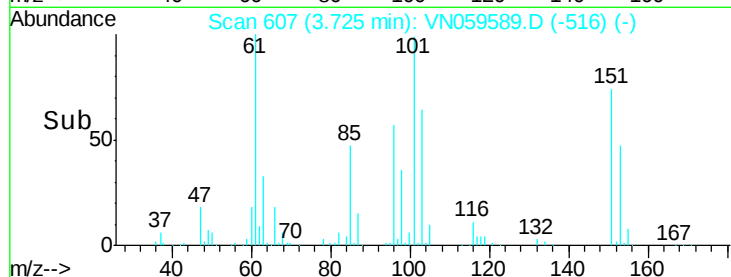
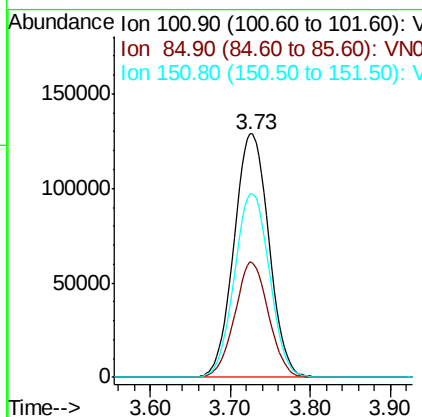
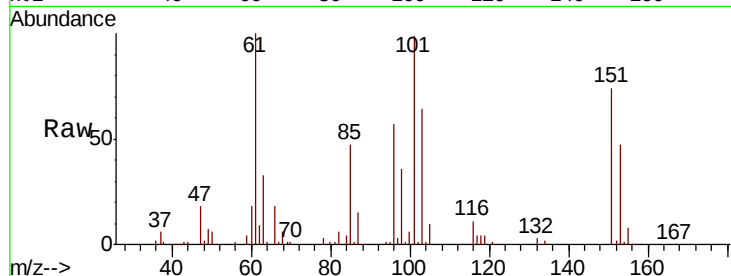
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	381634
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.6	54.8
151	75.9	59.7	89.5

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#10

Methyl Iodide

Concen: 139.575 ug/l

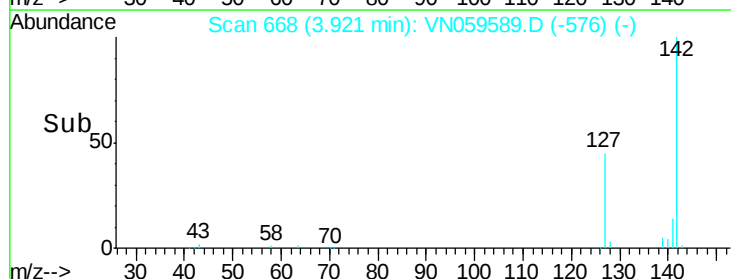
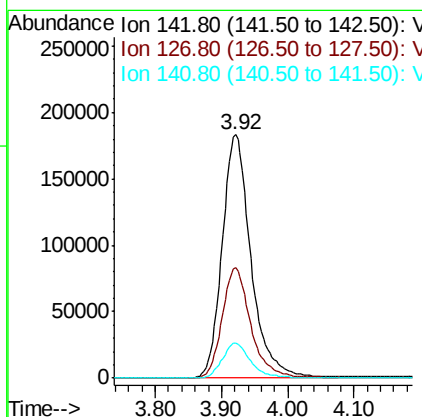
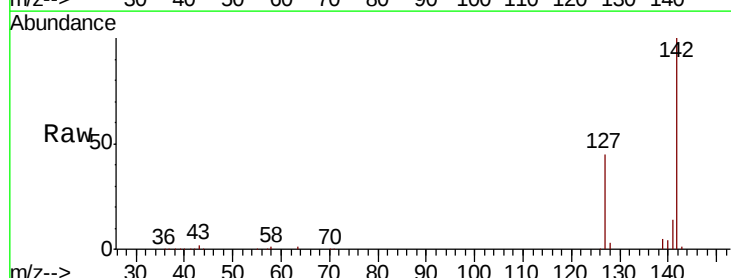
RT: 3.92 min Scan# 668

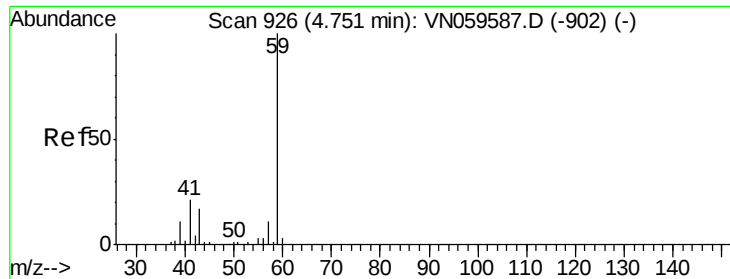
Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	142	Resp:	553930
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.7	55.1
141	14.2	11.7	17.5





#11

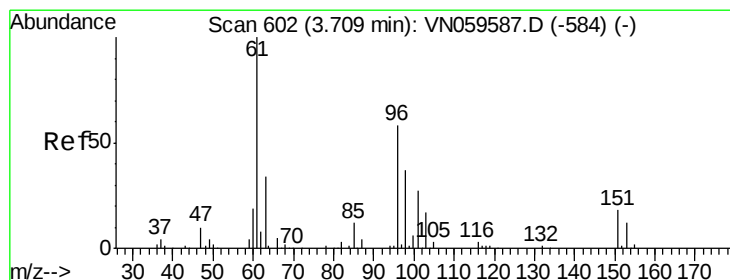
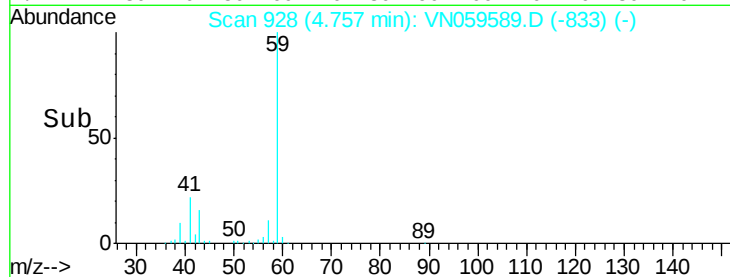
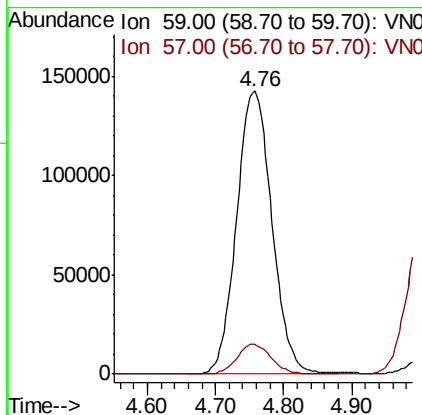
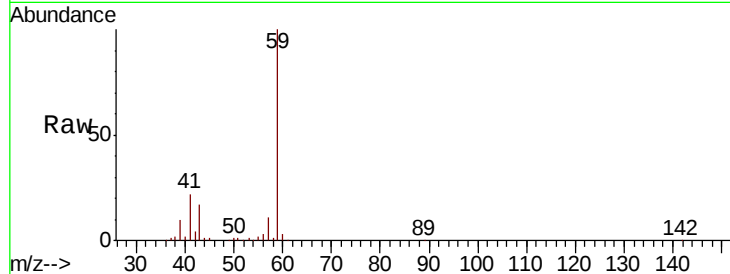
Tert butyl alcohol
 Concen: 794.322 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

Manual Integrations
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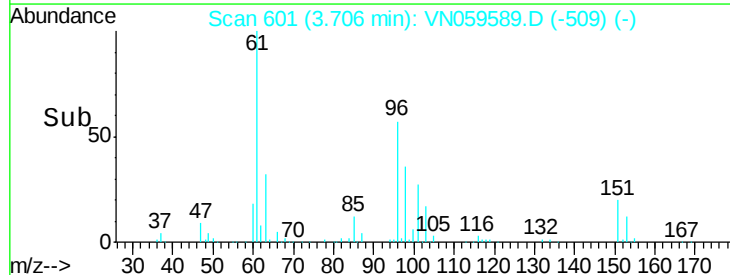
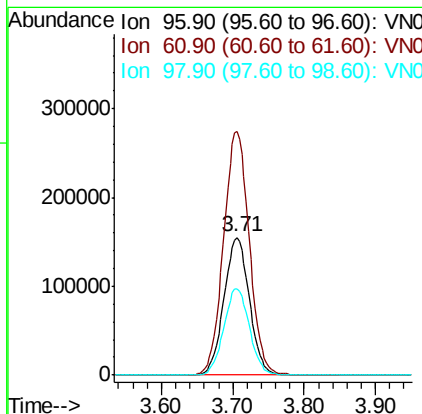
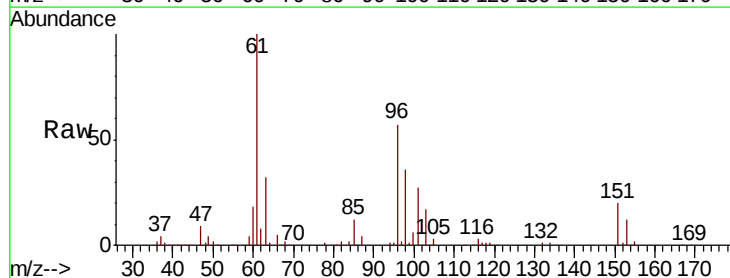
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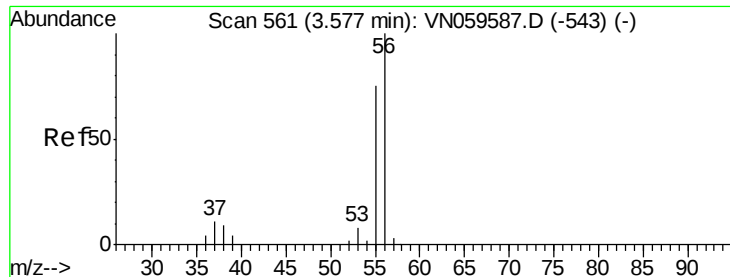


#12

1,1-Dichloroethene
 Concen: 135.575 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.9	137.5	206.3
98	63.0	50.2	75.4





#13

Acrolein

Concen: 1093.617 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 402403

Ion Ratio Lower Upper

56 100

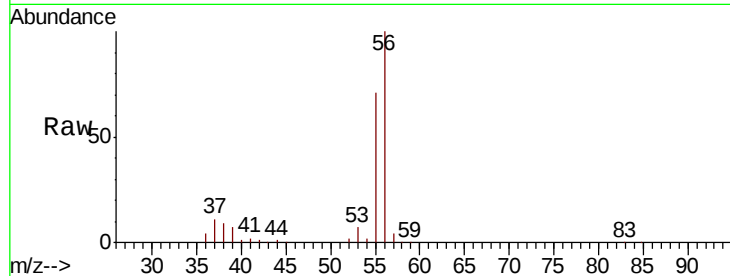
55 72.3 58.6 88.0

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Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.58

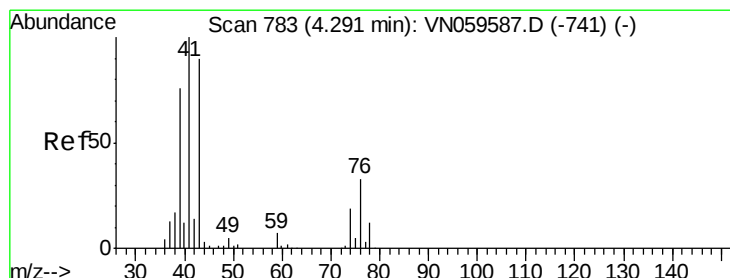
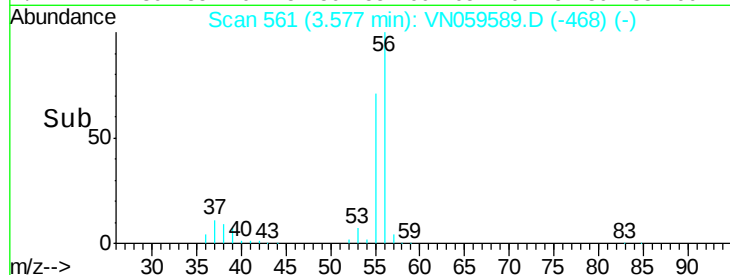
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 145.280 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

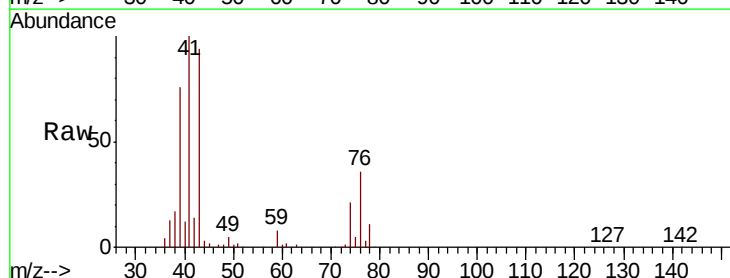
Tgt Ion: 41 Resp: 791126

Ion Ratio Lower Upper

41 100

39 71.0 57.8 86.8

76 31.5 25.4 38.0



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.29

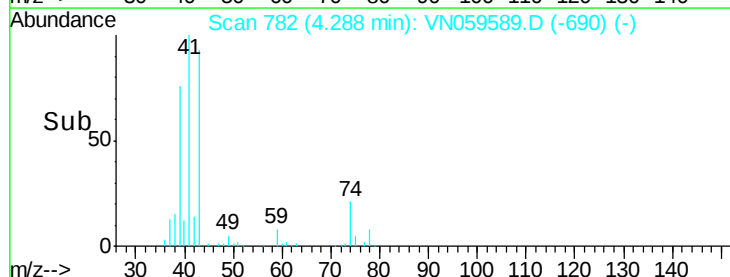
300000

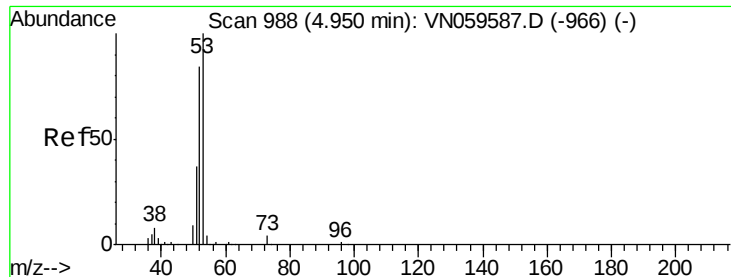
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 763.942 ug/l

RT: 4.95 min Scan# 988

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1270274

Ion Ratio Lower Upper

53 100

52 83.1 66.3 99.5

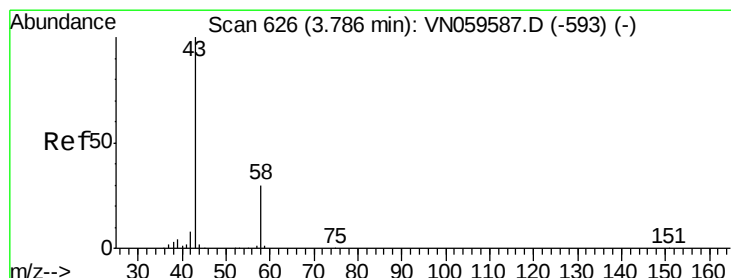
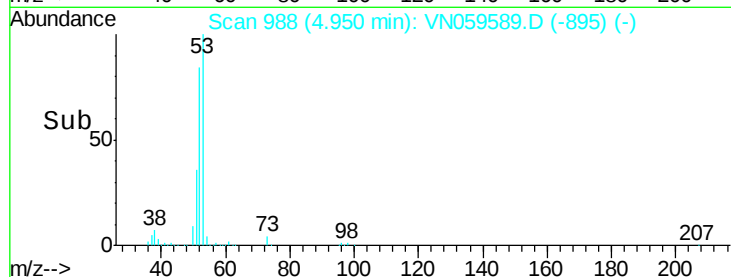
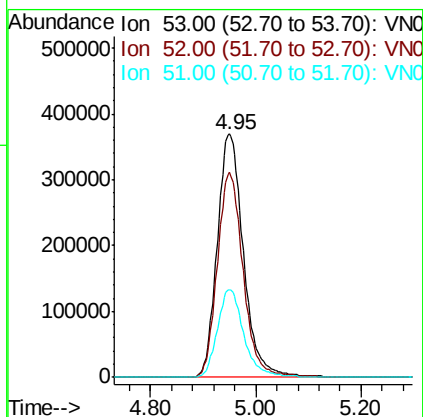
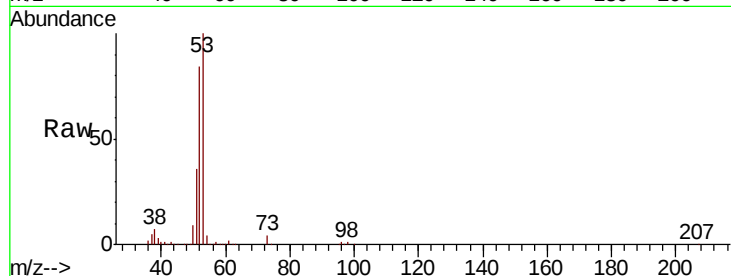
51 36.7 29.7 44.5

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#16

Acetone

Concen: 817.040 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.00 min

Lab File: VN059589.D

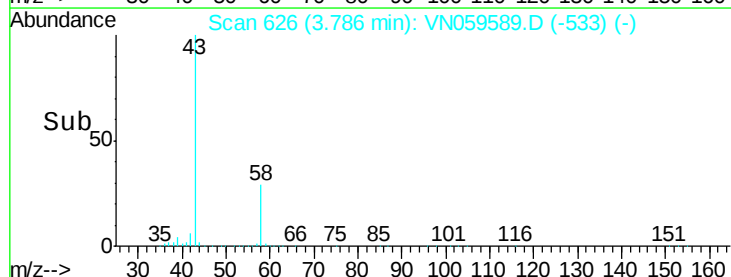
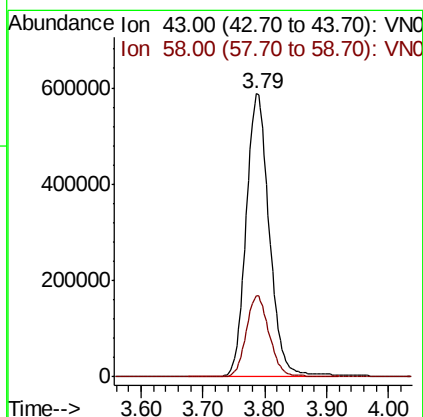
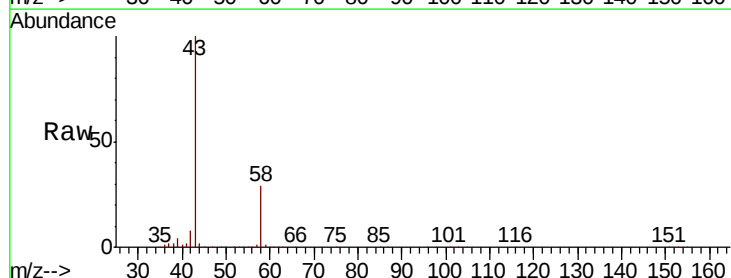
Acq: 13 Dec 2019 17:28

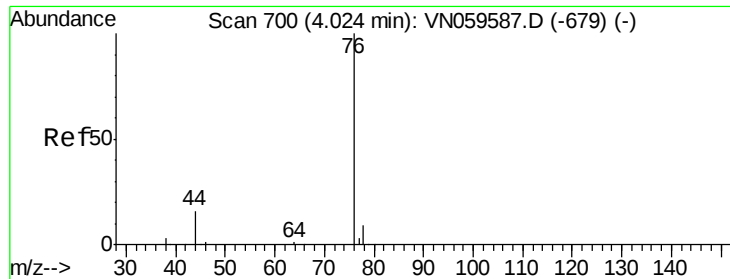
Tgt Ion: 43 Resp: 1534477

Ion Ratio Lower Upper

43 100

58 28.7 23.6 35.4





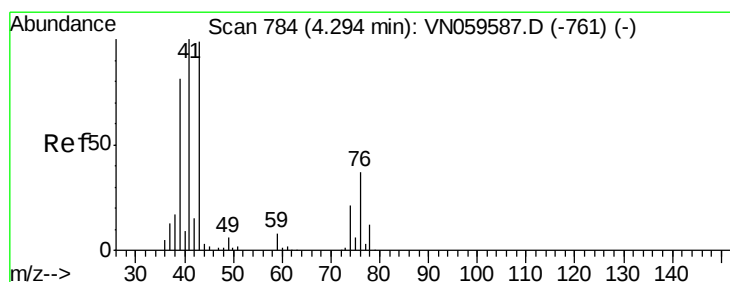
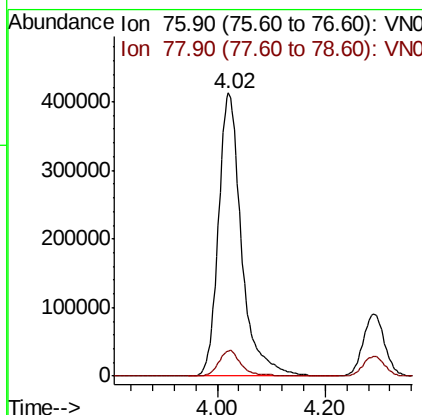
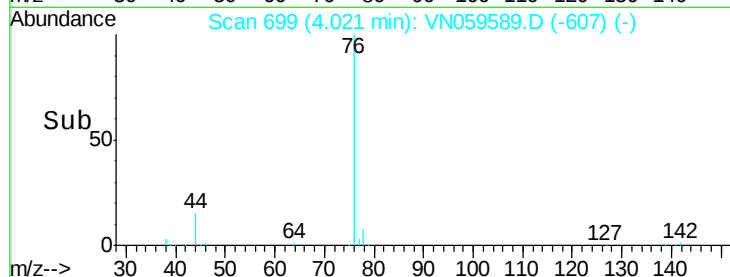
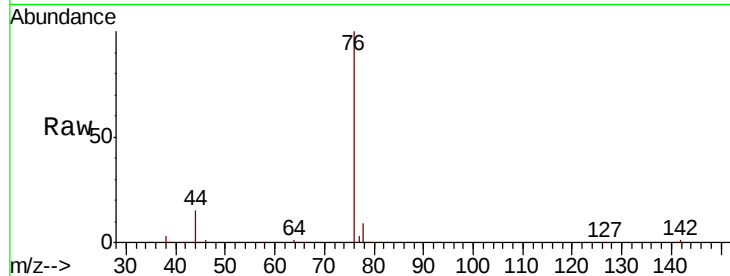
#17
Carbon Disulfide
Concen: 117.252 ug/l
RT: 4.02 min Scan# 699
Delta R.T. -0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1222393
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

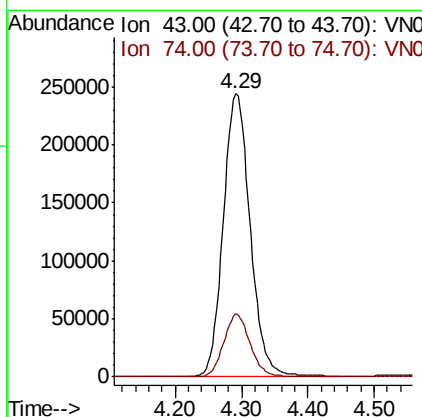
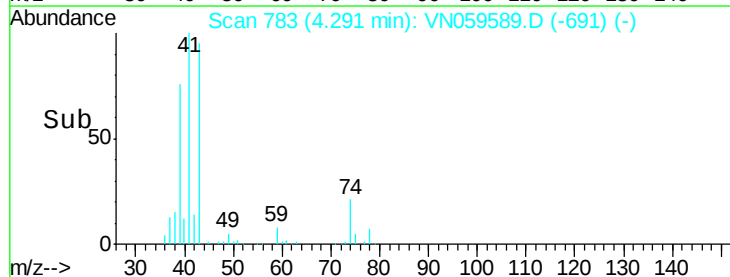
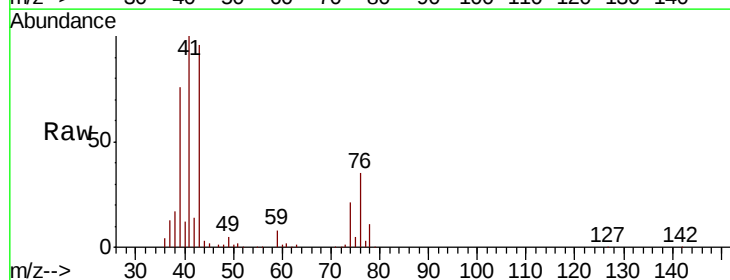
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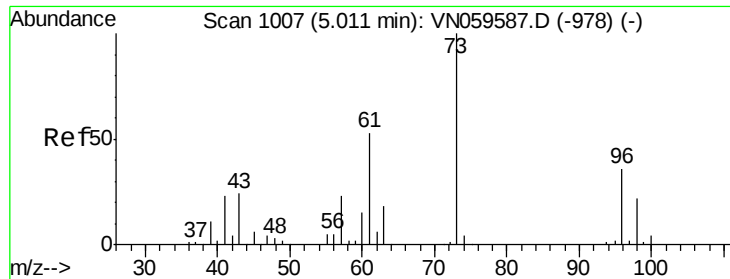
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#18
Methyl Acetate
Concen: 146.592 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion: 43 Resp: 685424
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3





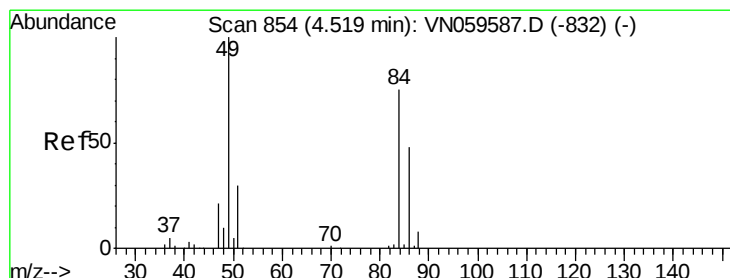
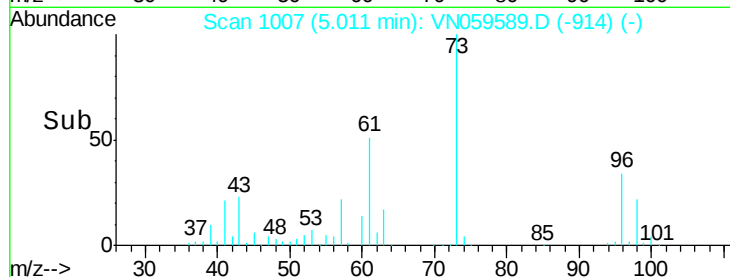
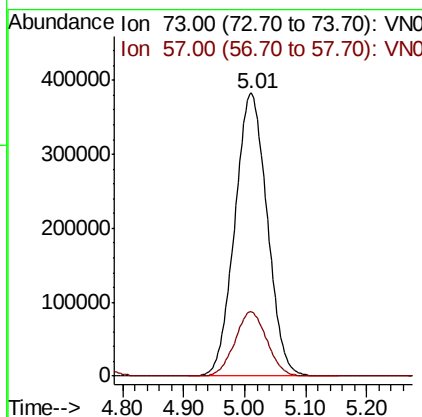
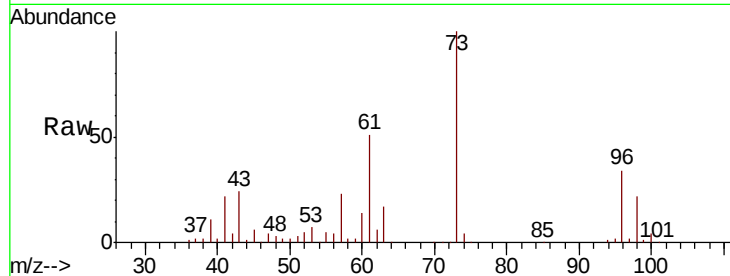
#19
Methvl tert-butvl Ether
Concen: 149.798 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1412191
Ion Ratio Lower Upper
73 100
57 22.8 18.6 27.8

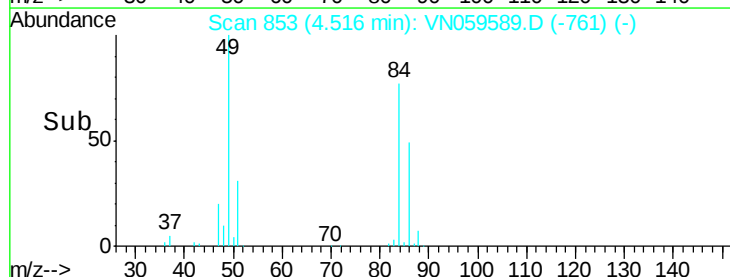
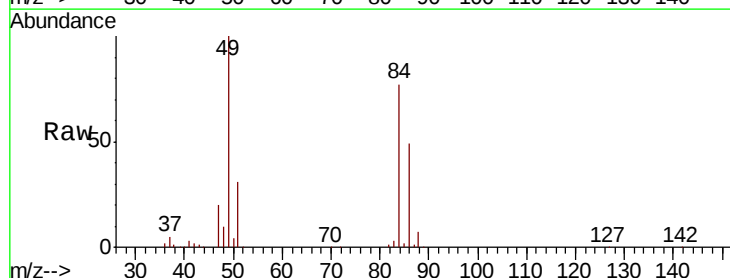
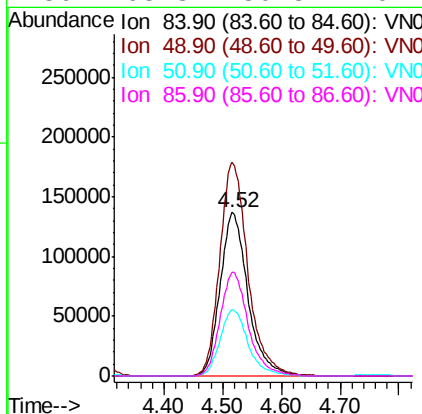
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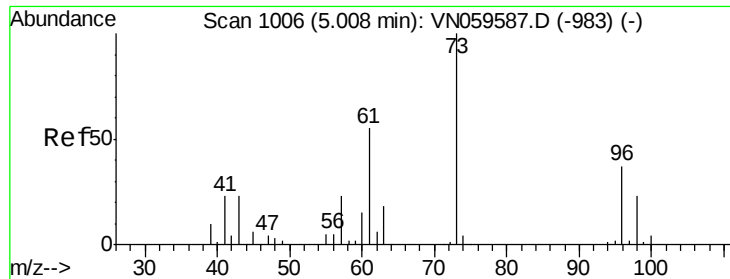
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#20
Methylene Chloride
Concen: 124.992 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion: 84 Resp: 449639
Ion Ratio Lower Upper
84 100
49 130.5 106.6 160.0
51 40.5 31.9 47.9
86 63.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 141.281 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 429042

Ion Ratio Lower Upper

96 100

61 152.9 120.4 180.6

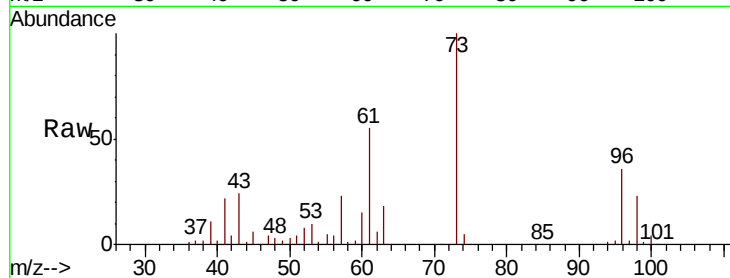
98 64.0 50.6 75.8

Manual Integrations

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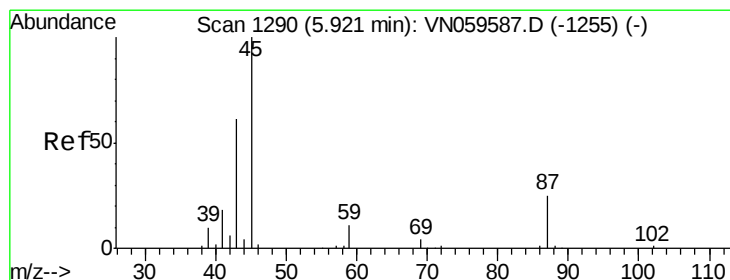
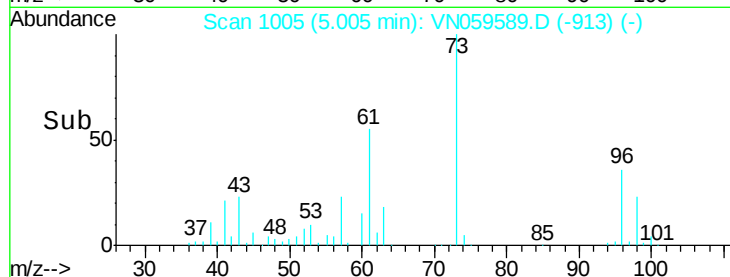
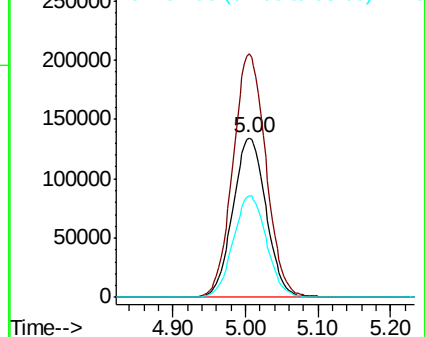


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 148.068 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion: 45 Resp: 1534315

Ion Ratio Lower Upper

45 100

43 59.3 50.8 76.2

87 26.2 21.0 31.6

59 11.3 9.1 13.7

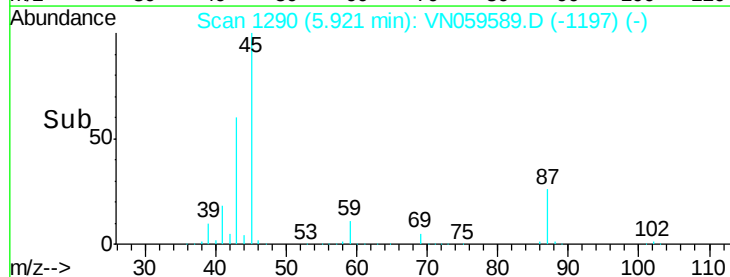
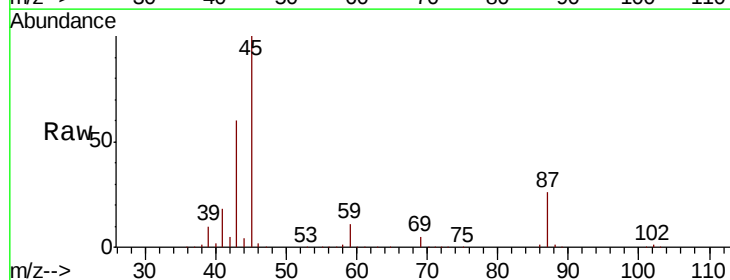
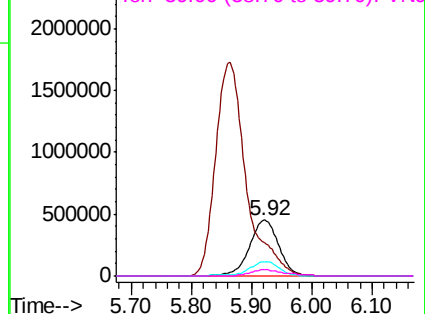
Abundance

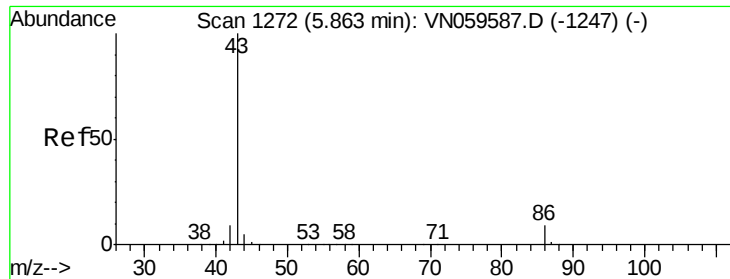
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 707.037 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 6068205

Ion Ratio Lower Upper

43 100

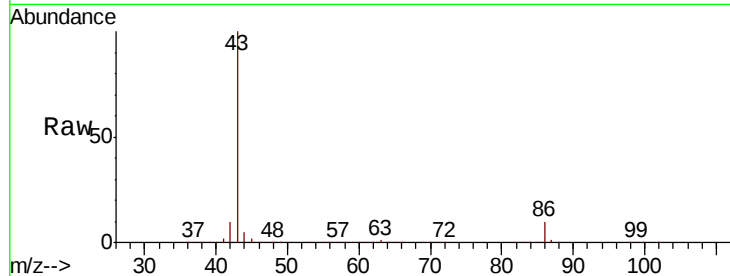
86 10.3 7.6 11.4

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Abundance Ion 43.00 (42.70 to 43.70): VN059589.D (-1179) (-)

Ion 86.00 (85.70 to 86.70): VN059589.D (-1179) (-)

2000000

1500000

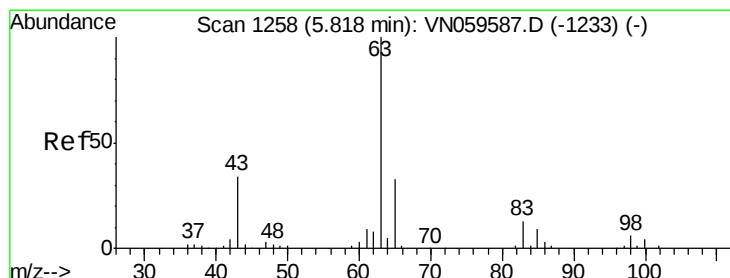
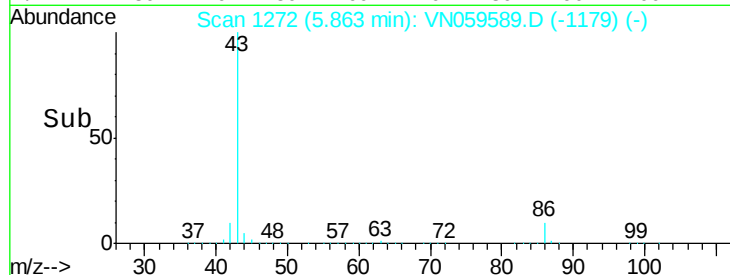
1000000

500000

0

5.80 5.86 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 143.445 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

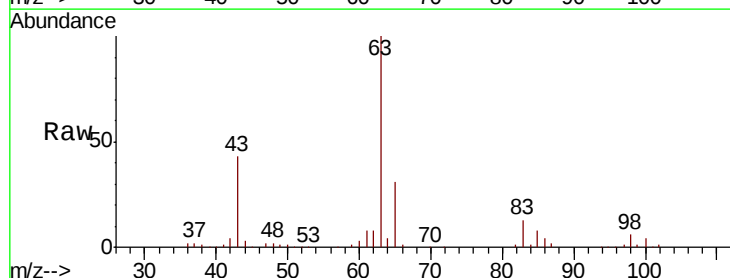
Tgt Ion: 63 Resp: 844885

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059589.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059589.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059589.D (-1165) (-)

300000

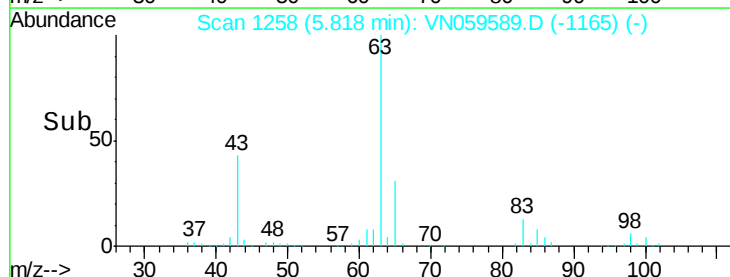
200000

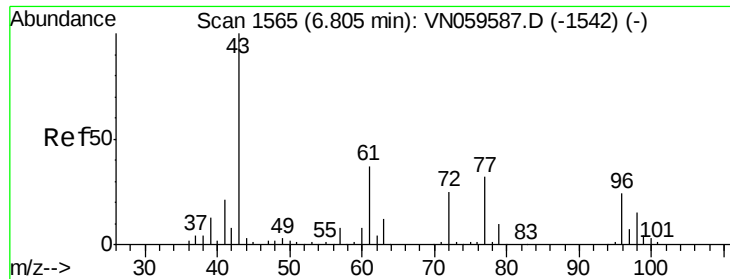
100000

0

5.70 5.82 5.90 6.00

Time-->





#25

2-Butanone

Concen: 823.125 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tot Ion: 43 Resp: 2005236

Ion Ratio Lower Upper

43 100

72 25.2 19.9 29.9

Instrument :

MSVOA_N

ClientSampleId :

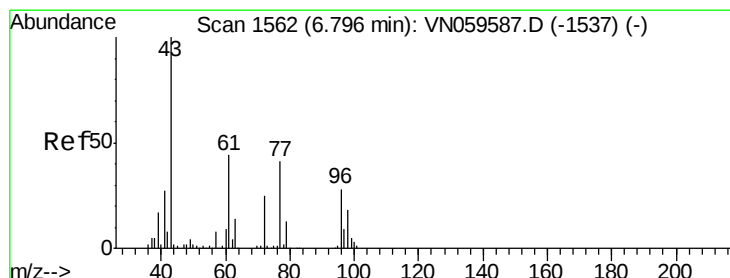
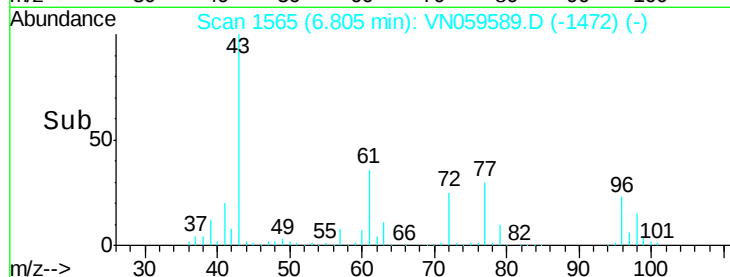
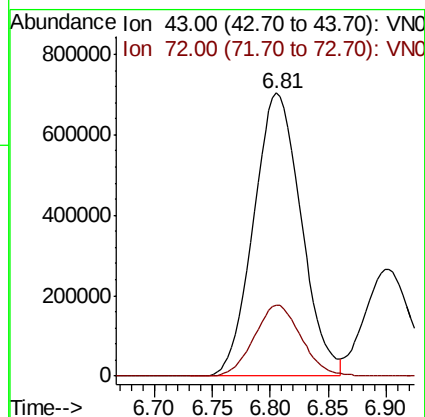
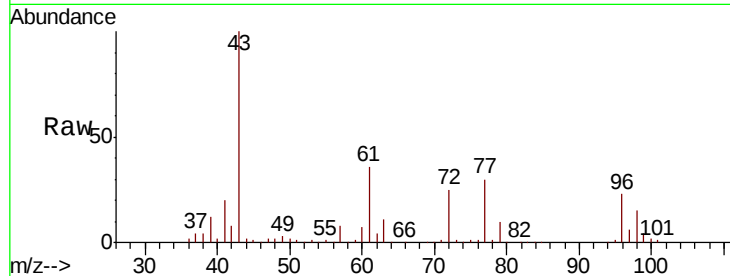
VSTDIC150

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#26

2,2-Dichloropropane

Concen: 141.403 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059589.D

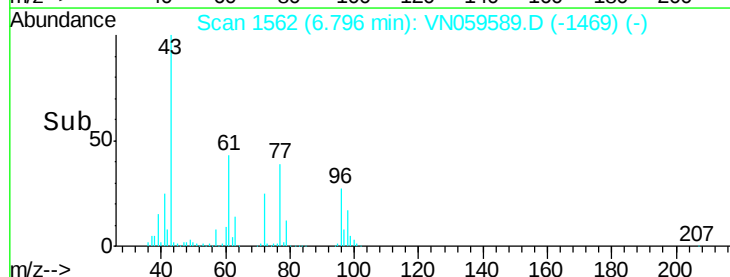
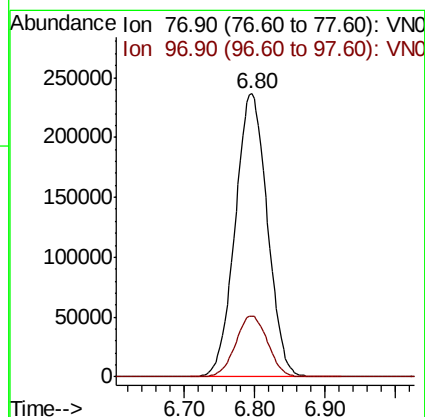
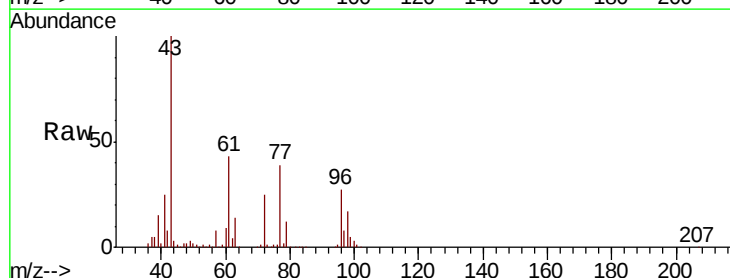
Acq: 13 Dec 2019 17:28

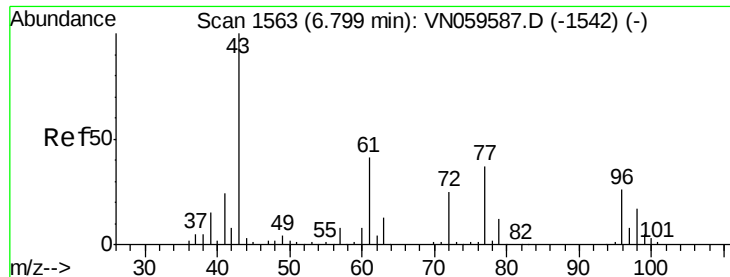
Tgt Ion: 77 Resp: 752971

Ion Ratio Lower Upper

77 100

97 21.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 143.719 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

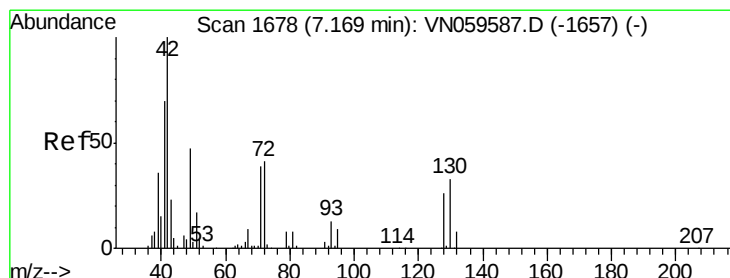
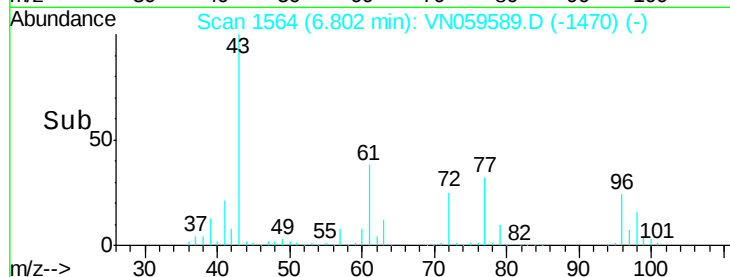
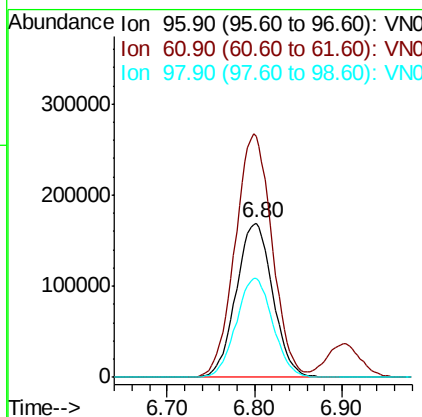
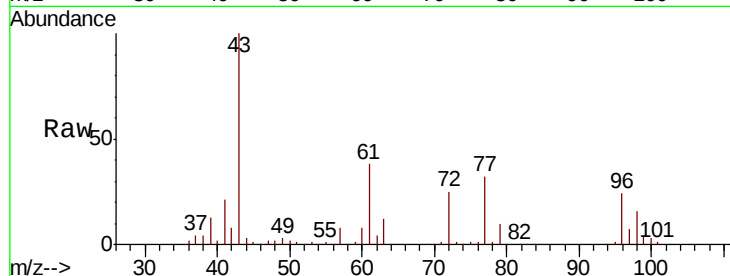
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	491584
Ion Ratio	Lower	Upper	
96	100		
61	159.5	0.0	317.6
98	64.2	0.0	127.0

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#28

Bromochloromethane

Concen: 189.610 ug/l

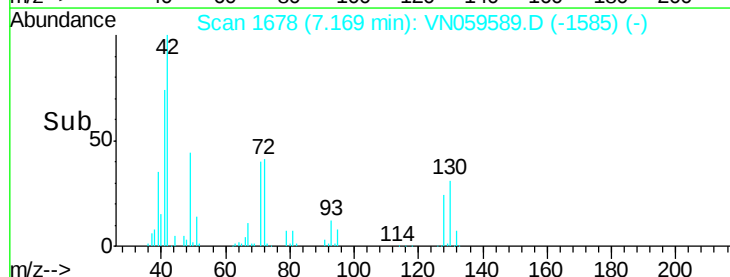
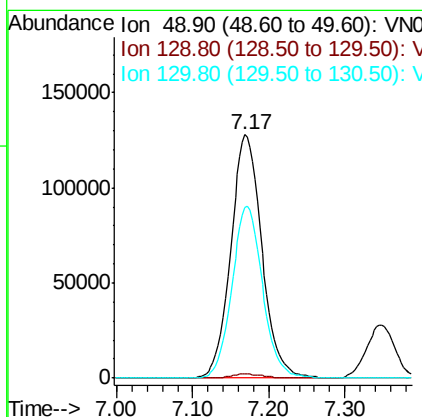
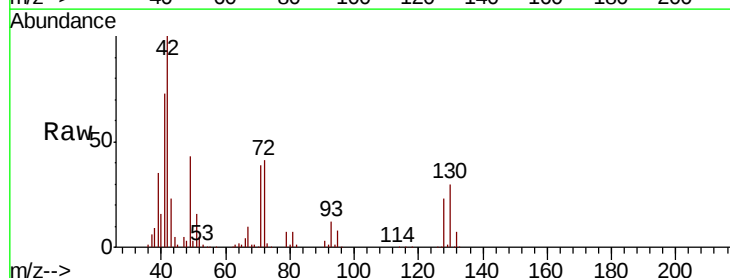
RT: 7.17 min Scan# 1678

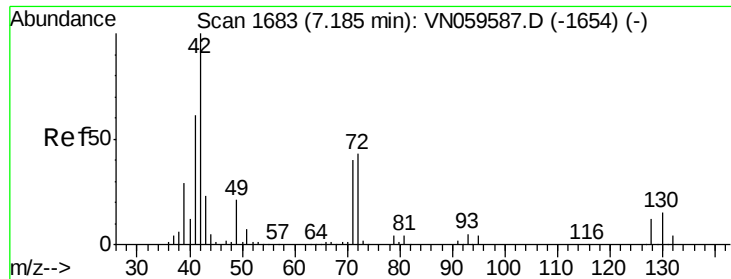
Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	49	Resp:	363689
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	3.4
130	69.4	54.7	82.1





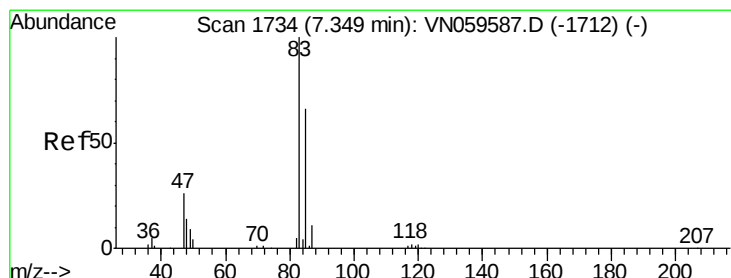
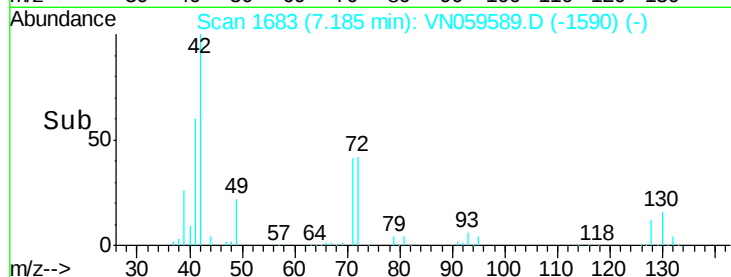
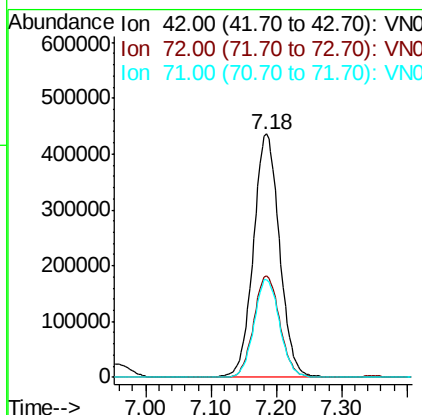
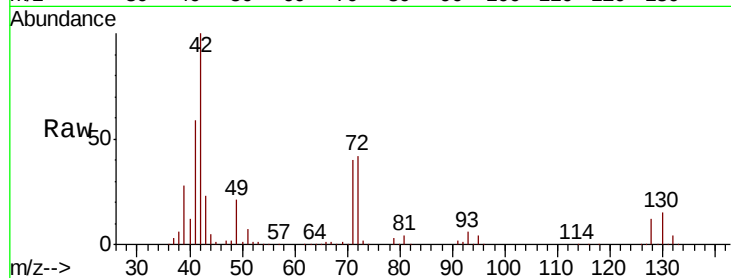
#29
Tetrahydrofuran
Concen: 728.712 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 1211262
Ion Ratio Lower Upper
42 100
72 41.6 33.1 49.7
71 39.5 31.4 47.0

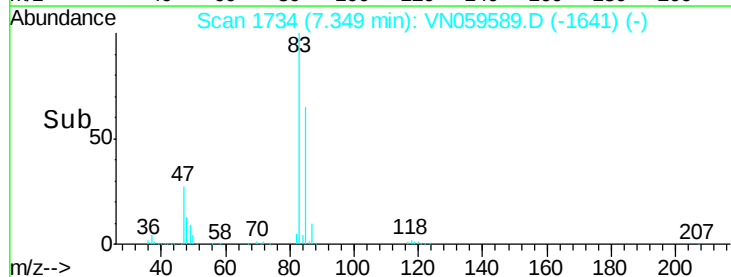
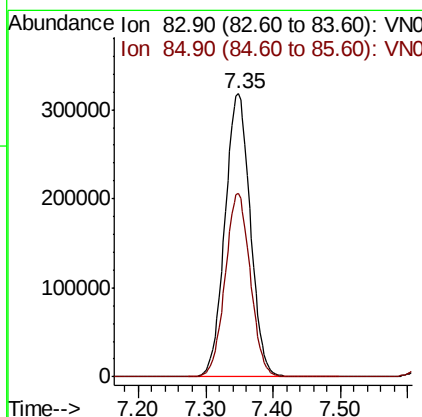
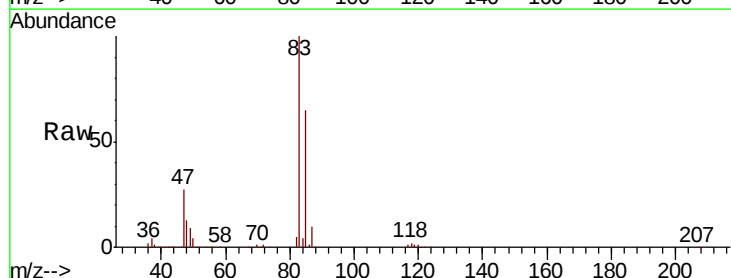
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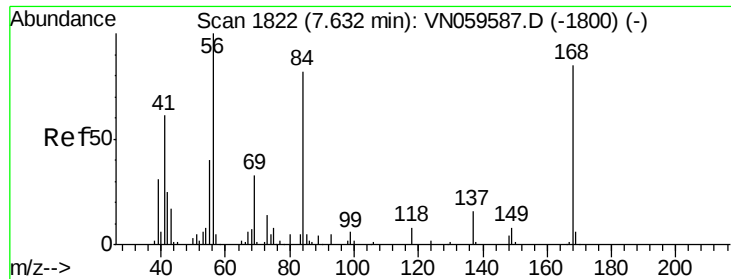
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#30
Chloroform
Concen: 143.475 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion: 83 Resp: 833376
Ion Ratio Lower Upper
83 100
85 65.1 52.4 78.6





#31

Cyclohexane

Concen: 131.756 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

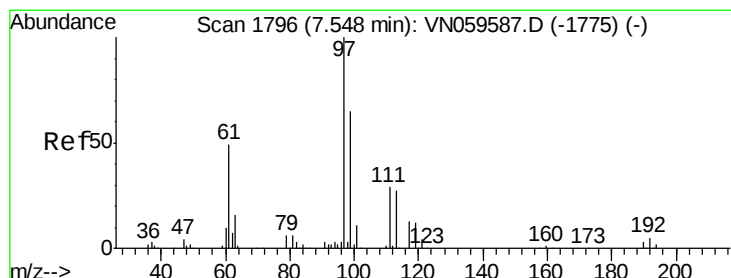
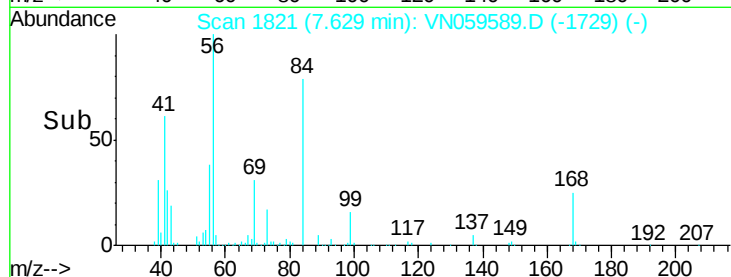
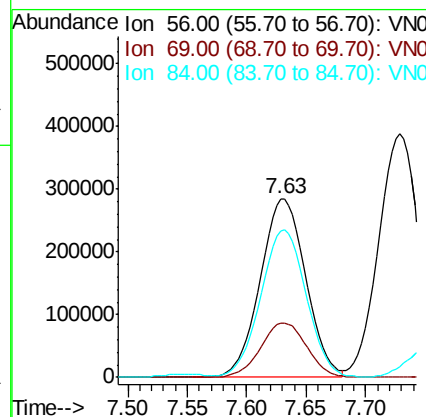
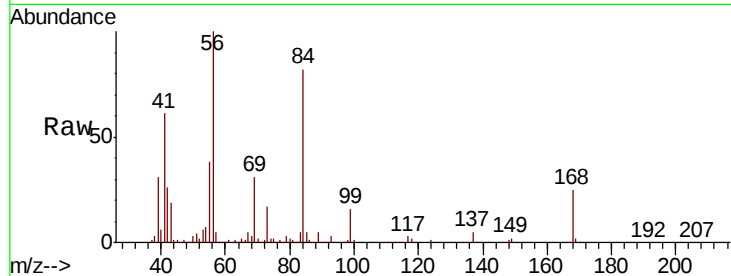
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	754387
Ion Ratio	Lower	Upper	
56	100		
69	30.6	26.5	39.7
84	80.5	65.3	97.9

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#32

1,1,1-Trichloroethane

Concen: 143.183 ug/l

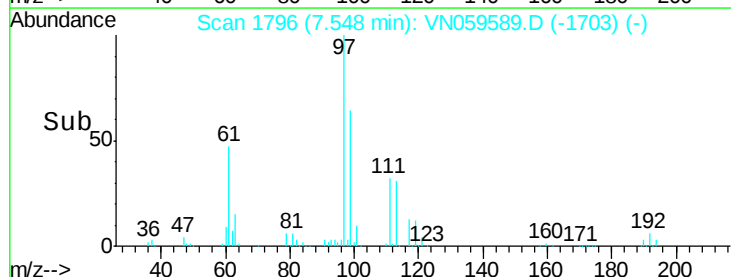
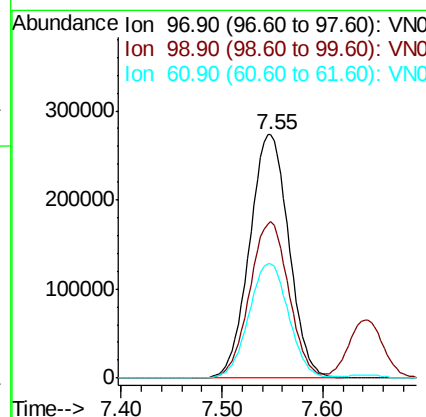
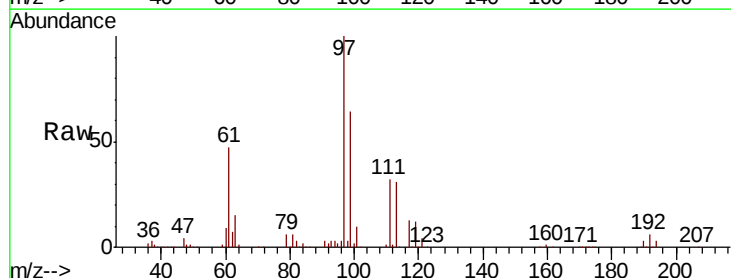
RT: 7.55 min Scan# 1796

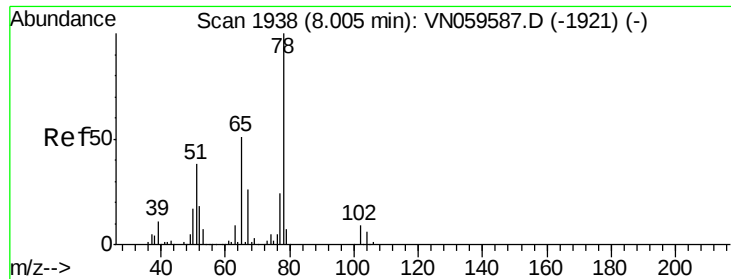
Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	97	Resp:	738158
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.0	76.4
61	47.5	38.5	57.7





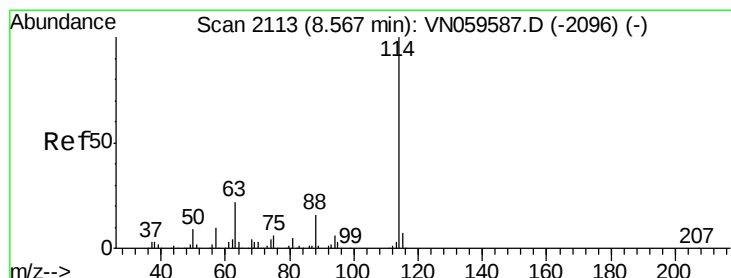
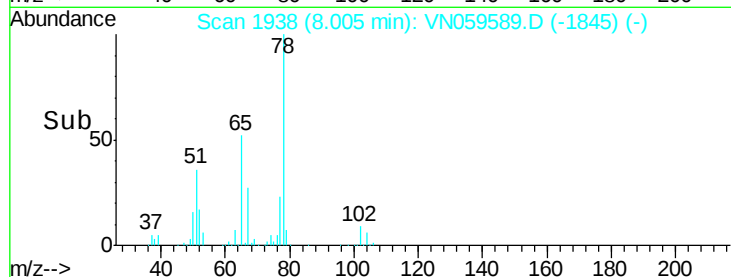
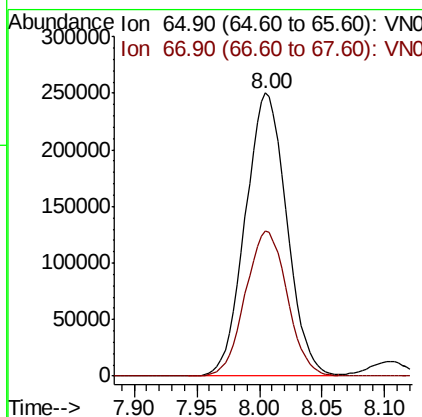
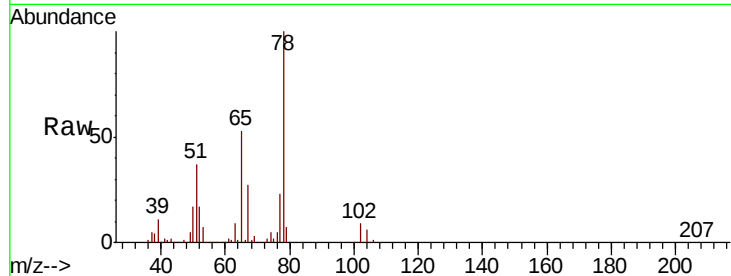
#33
 1,2-Dichloroethane-d4
 Concen: 150.686 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	575770		
67	51.9	0.0	103.0	

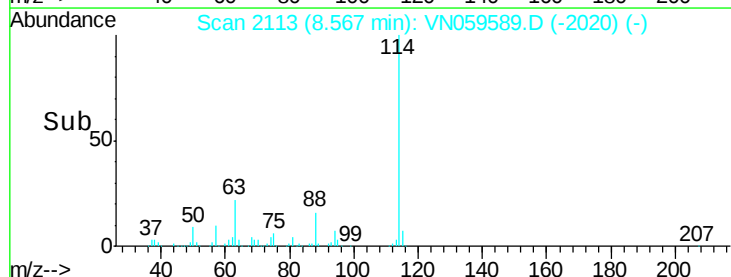
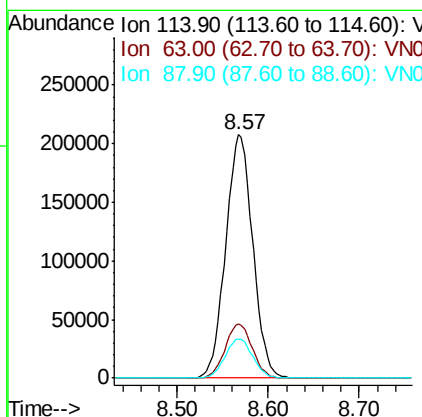
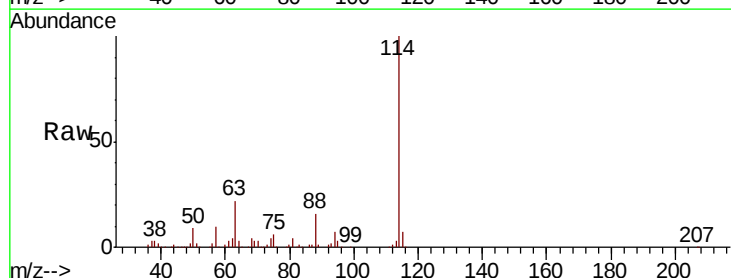
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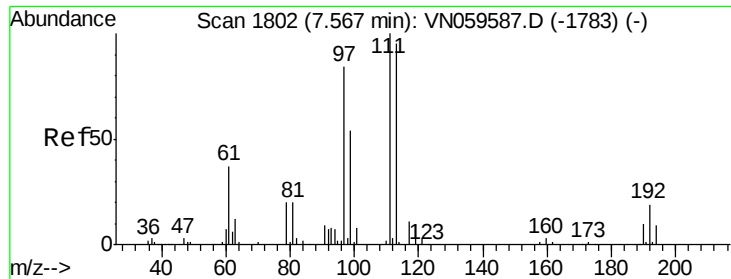
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	428416		
63	22.1	0.0	43.6	
88	16.1	0.0	31.4	





#35

Dibromofluoromethane

Concen: 157.642 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

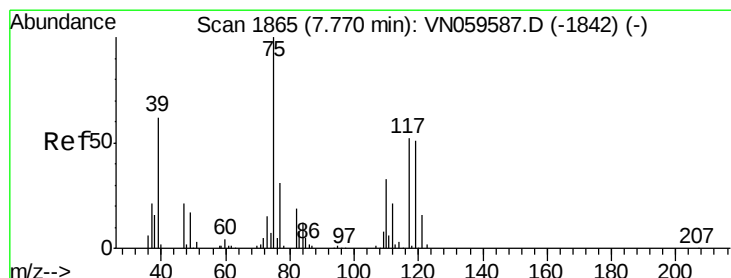
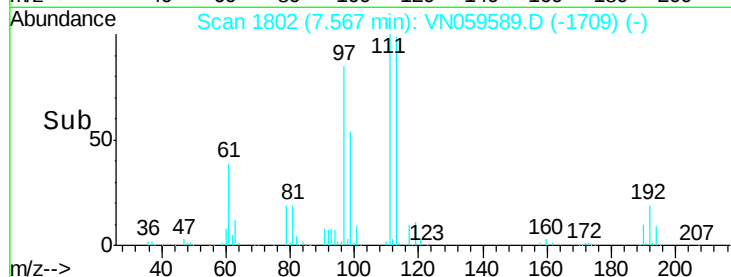
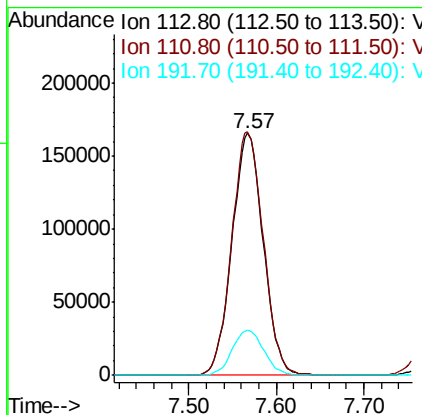
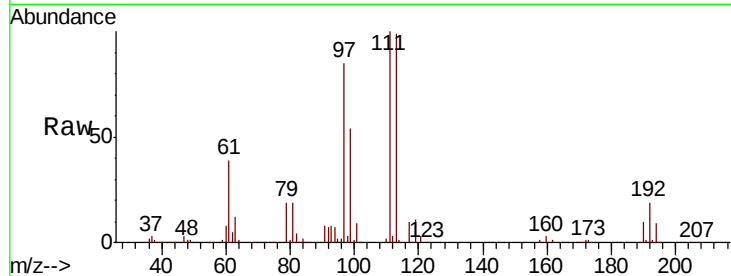
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	410062
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.5	125.3
192	19.0	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 144.690 ug/l

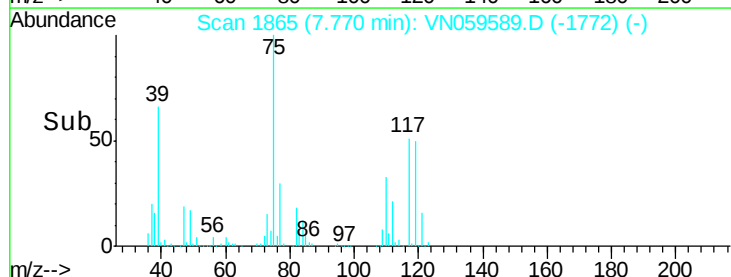
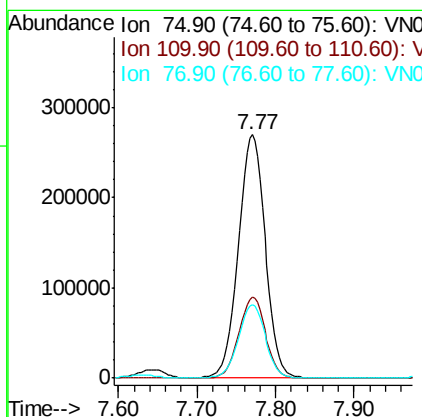
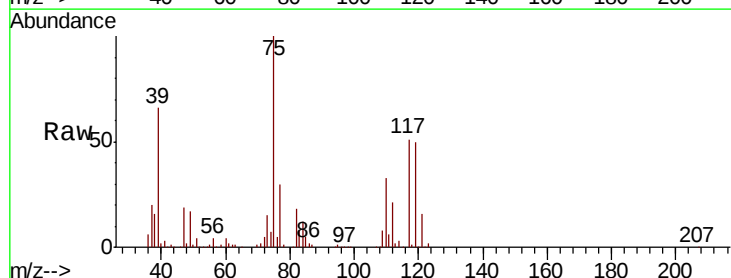
RT: 7.77 min Scan# 1865

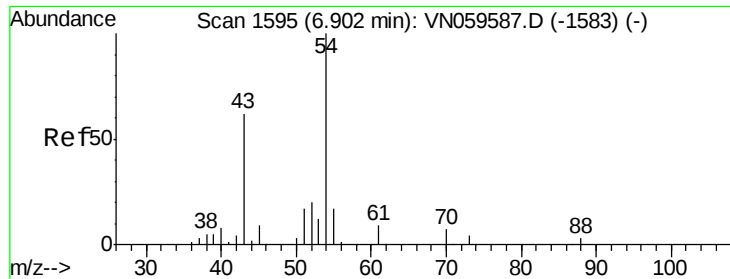
Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	75	Resp:	645836
Ion Ratio	Lower	Upper	
75	100		
110	33.1	16.6	49.7
77	30.5	25.1	37.7





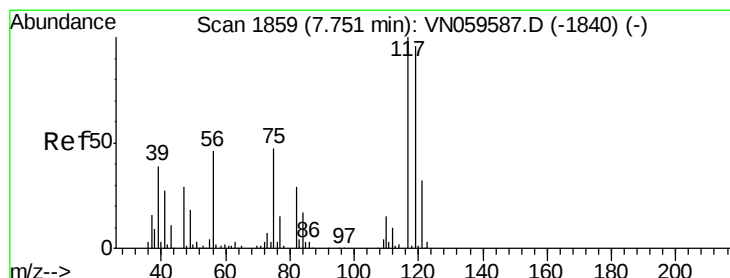
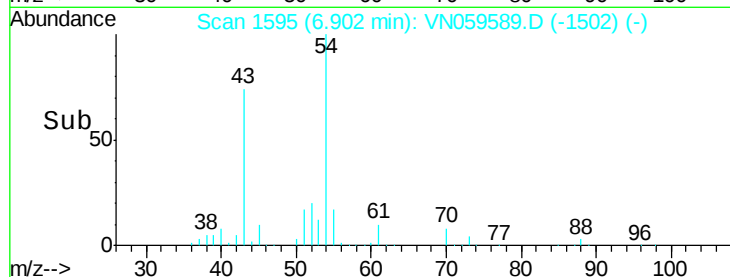
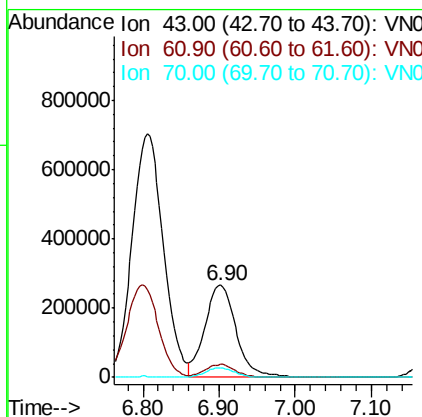
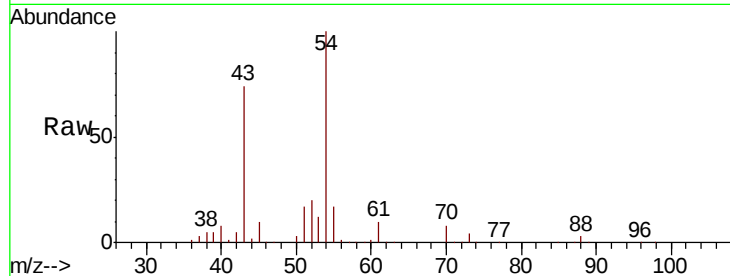
#37
Ethyl Acetate
Concen: 162.433 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	9.6	7.7	11.5

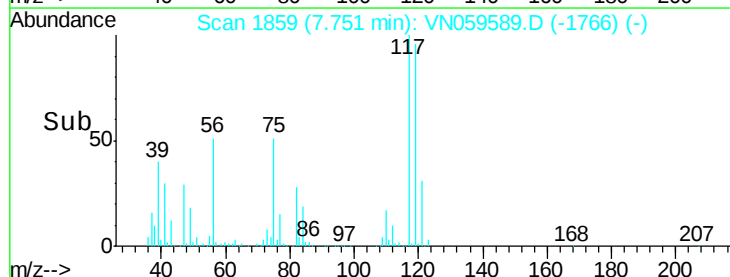
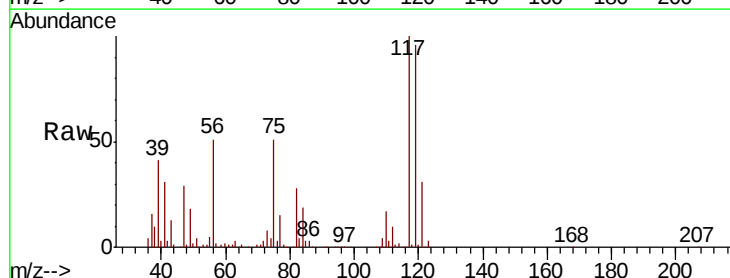
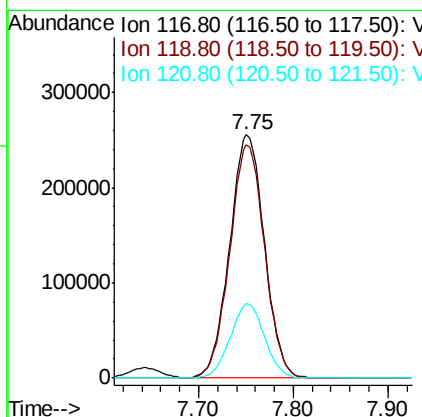
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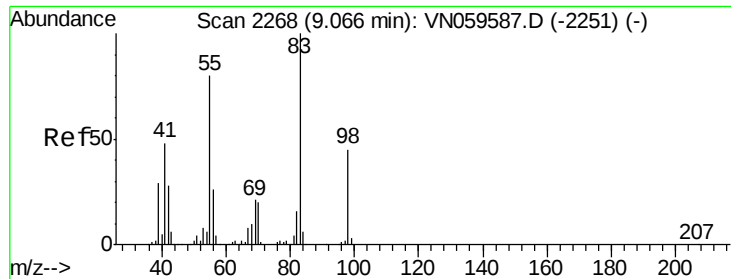
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#38
Carbon Tetrachloride
Concen: 147.782 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.5	114.7
121	30.7	25.1	37.7





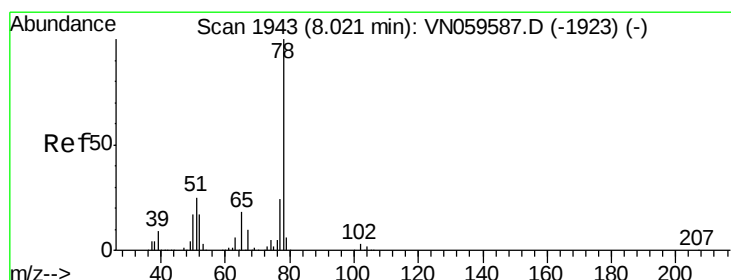
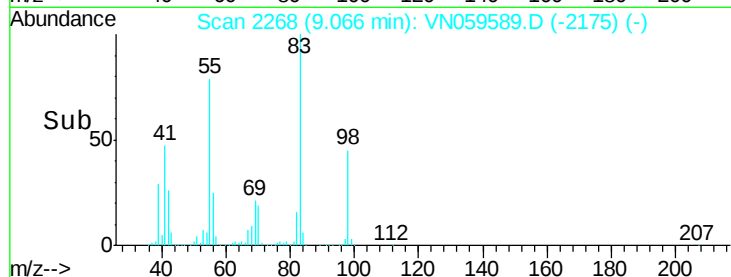
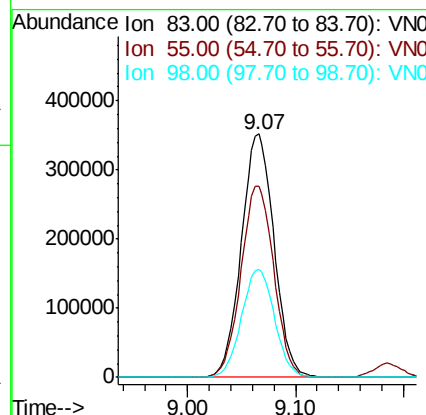
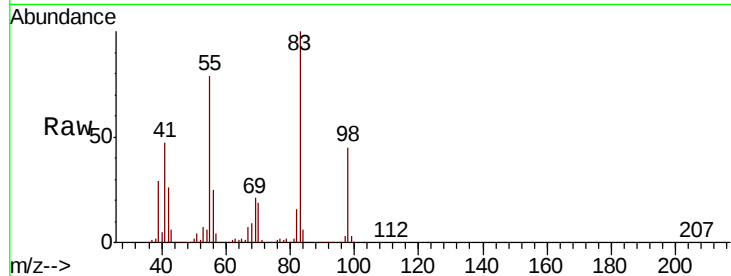
#39
Methvlcvclohexane
Concen: 148.431 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	64.2	96.2
98	44.6	35.9	53.9

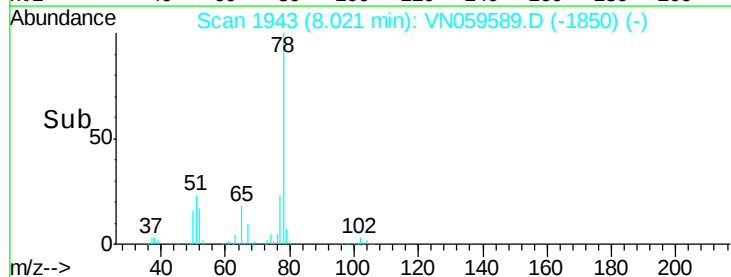
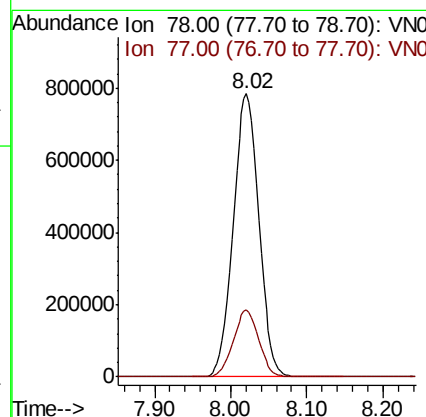
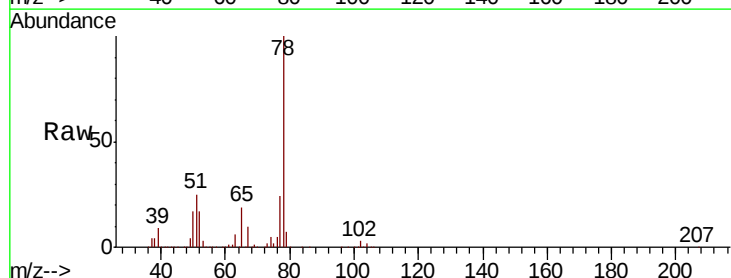
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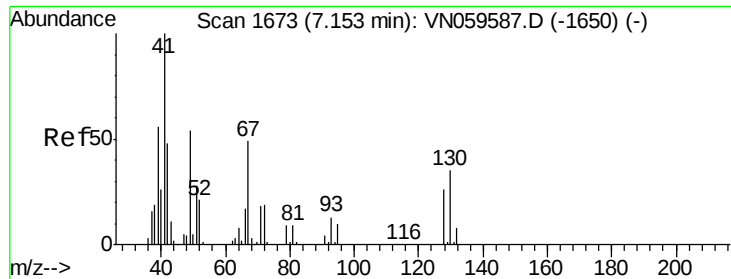
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#40
Benzene
Concen: 143.610 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





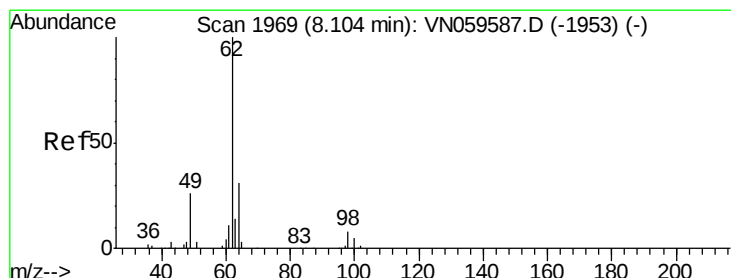
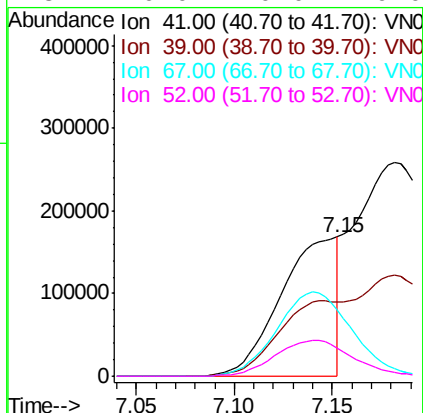
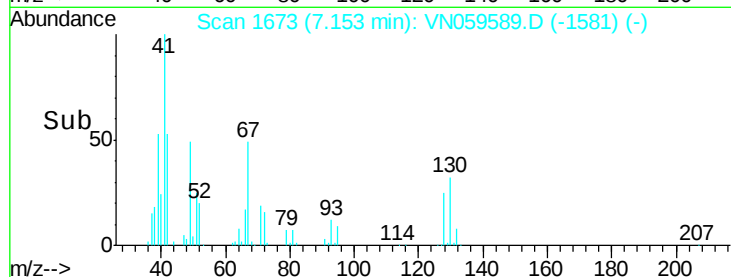
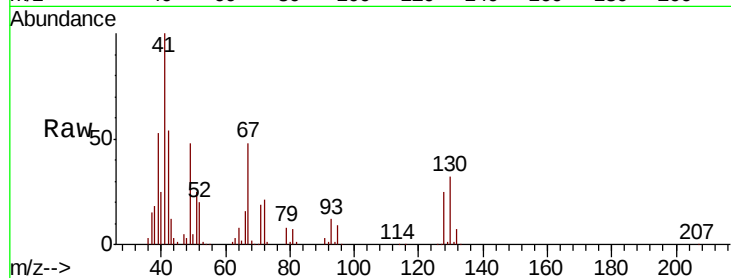
#41
Methacrylonitrile
Concen: 156.105 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		340081		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

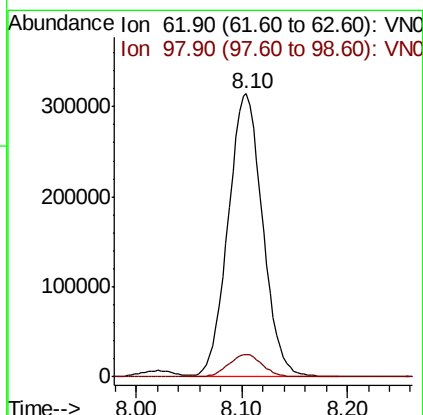
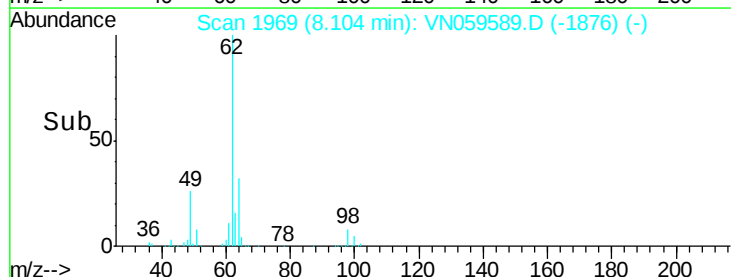
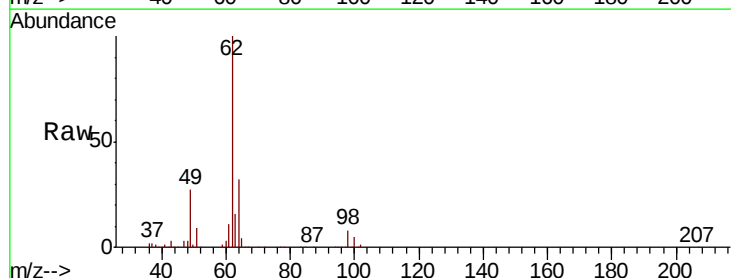
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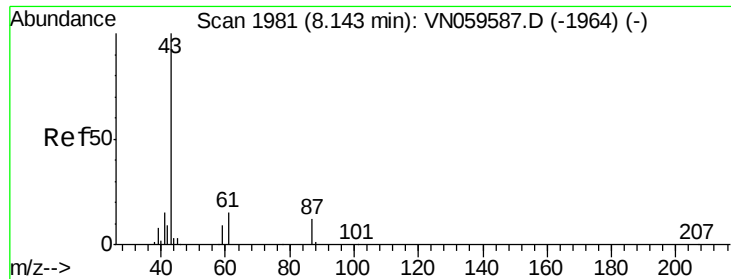
apatel
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#42
1,2-Dichloroethane
Concen: 148.891 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		710248		
98	7.8	0.0	15.8		





#43

Isopropyl Acetate

Concen: 157.108 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1215026

Ion Ratio Lower Upper

43 100

61 24.7 20.2 30.2

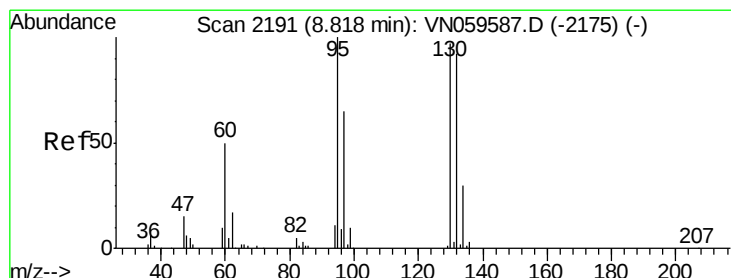
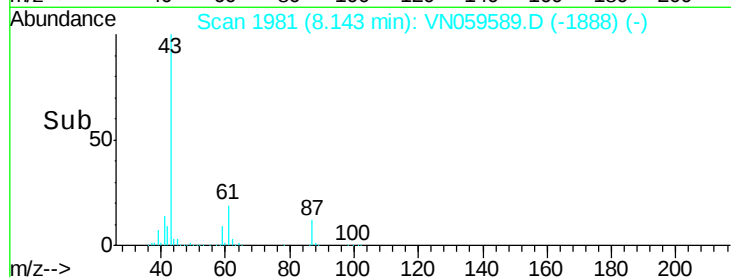
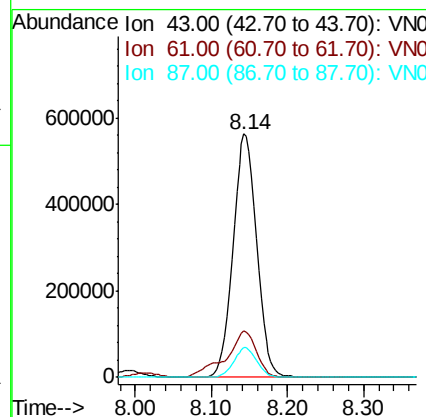
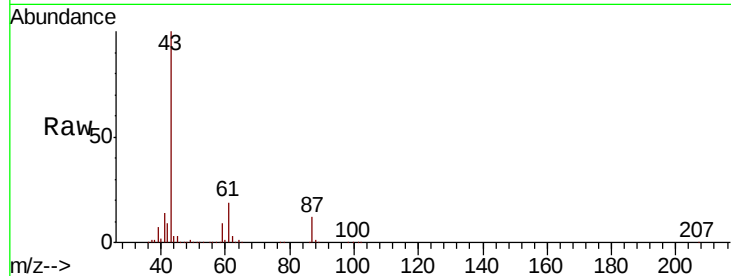
87 12.0 9.5 14.3

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#44

Trichloroethene

Concen: 148.185 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059589.D

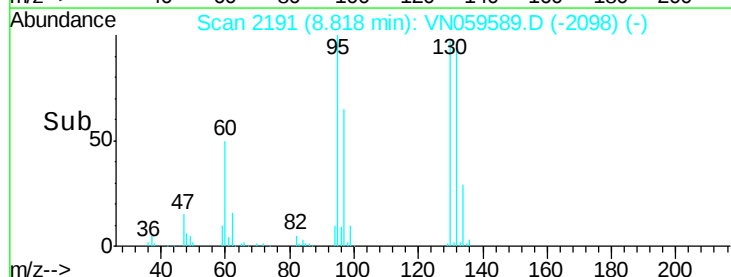
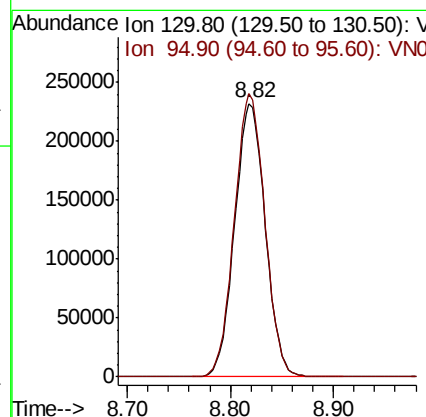
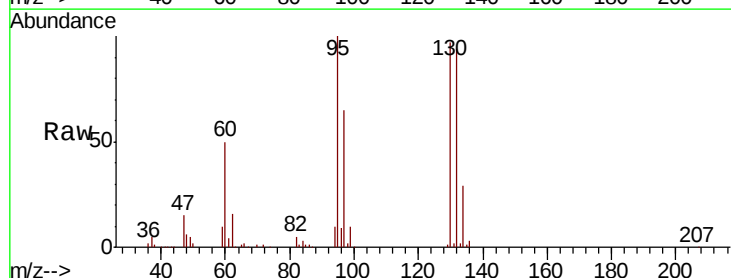
Acq: 13 Dec 2019 17:28

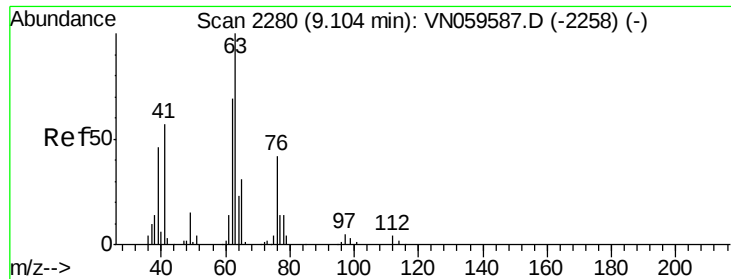
Tgt Ion: 130 Resp: 479823

Ion Ratio Lower Upper

130 100

95 103.6 0.0 207.0





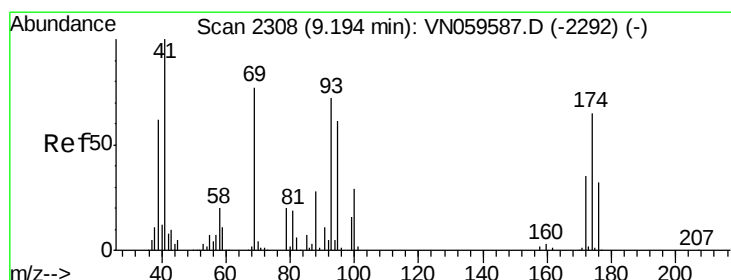
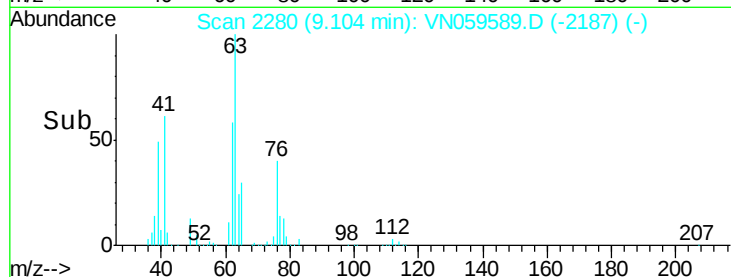
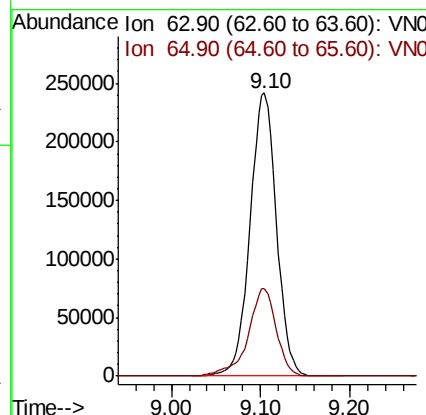
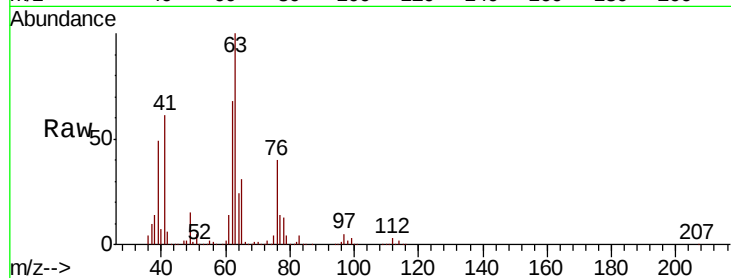
#45
 1,2-Dichloropropane
 Concen: 147.534 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 499074
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.9 37.3

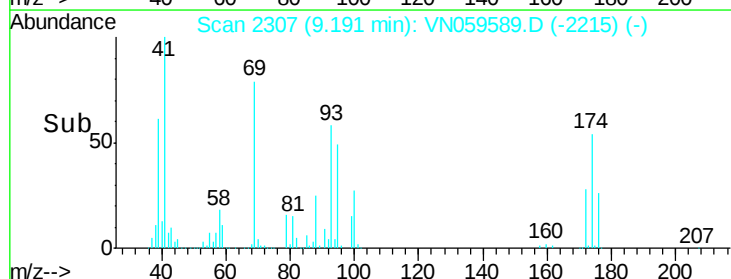
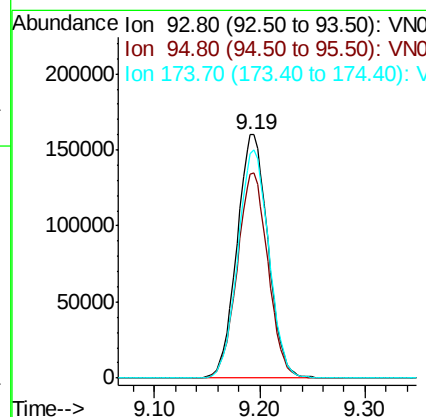
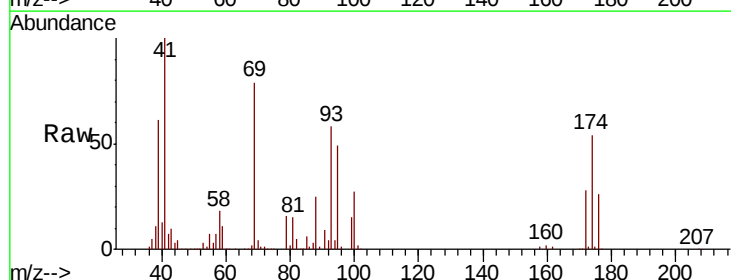
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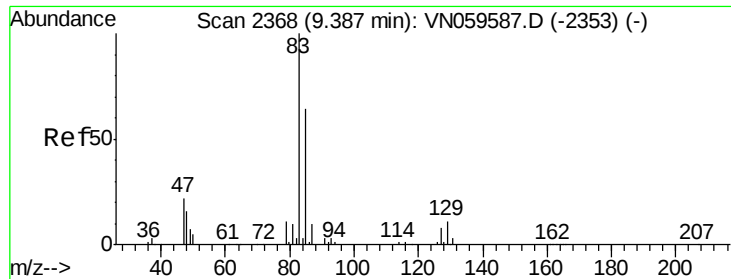
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#46
 Dibromomethane
 Concen: 145.607 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion: 93 Resp: 326409
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 93.5 73.4 110.2





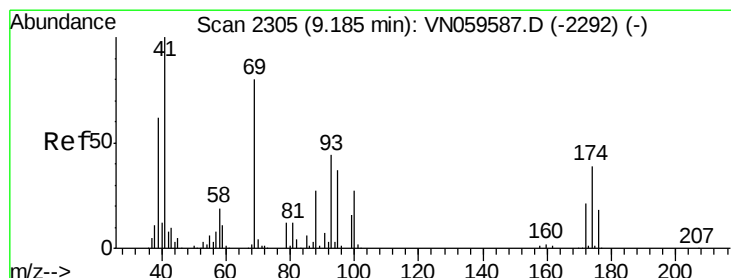
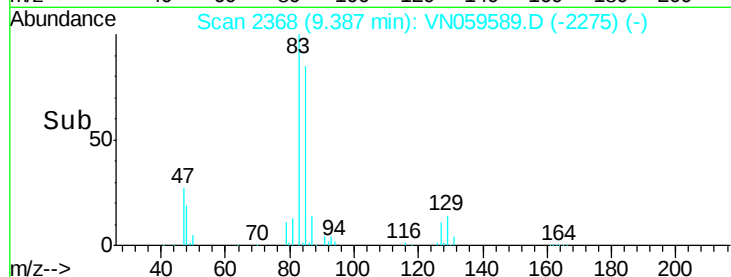
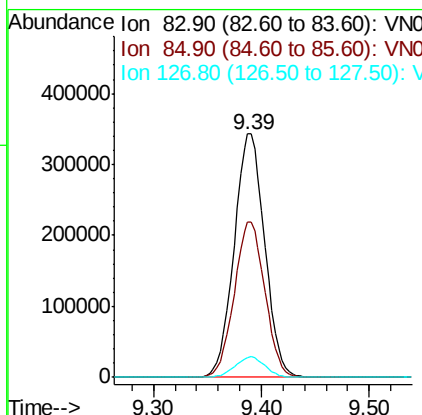
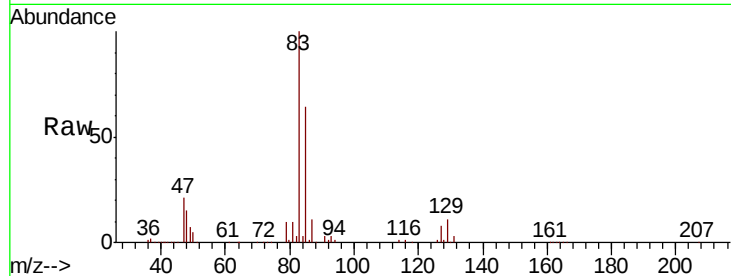
#47
Bromodichloromethane
Concen: 152.109 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.2	6.6	9.8

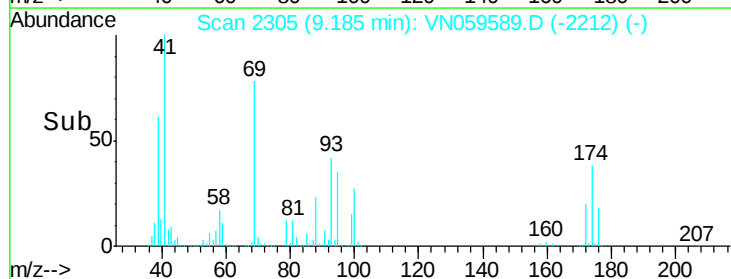
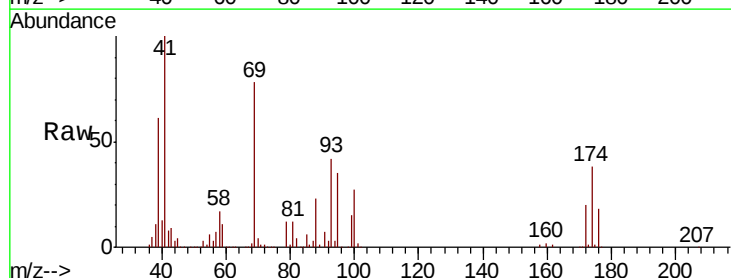
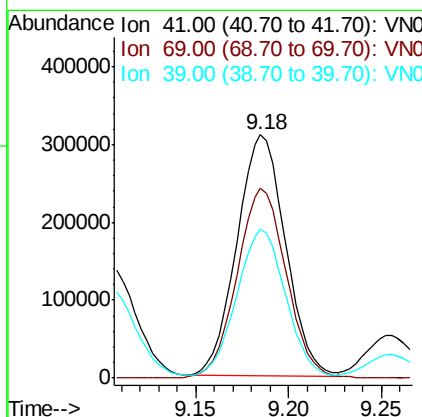
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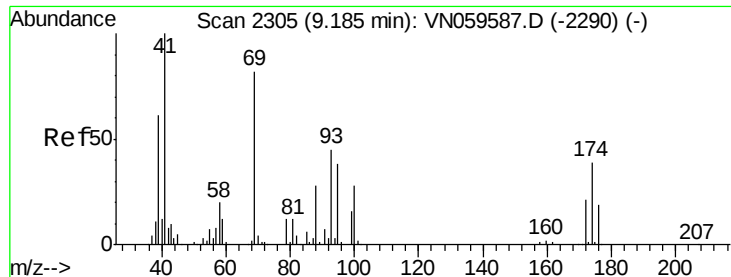
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#48
Methyl methacrylate
Concen: 166.326 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.9	64.4	96.6
39	62.5	51.3	76.9





#49

1,4-Dioxane

Concen: 3614.527 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

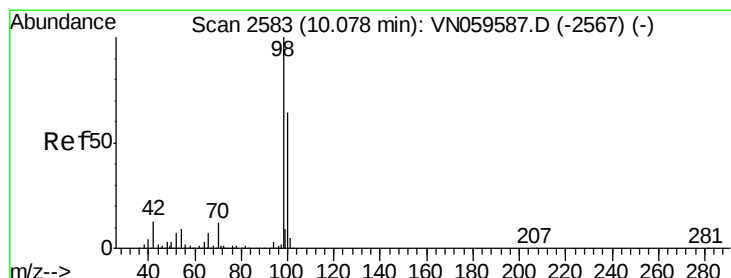
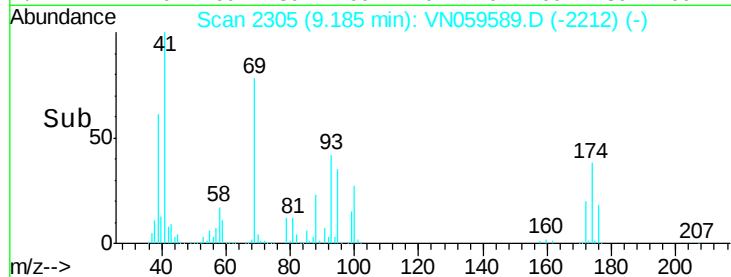
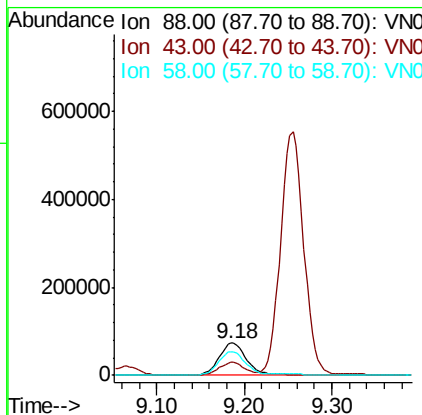
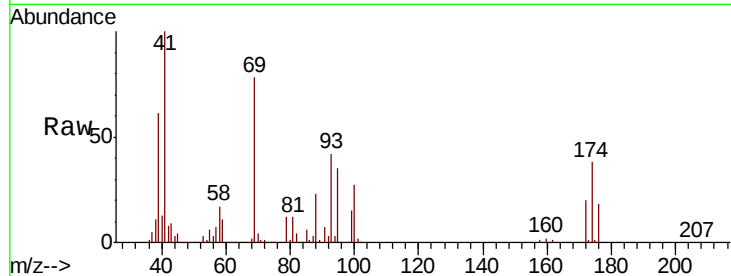
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	164148
Ion	Ratio	Lower	Upper
88	100		
43	35.4	29.7	44.5
58	70.4	56.6	85.0

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#50

Toluene-d8

Concen: 151.060 ug/l

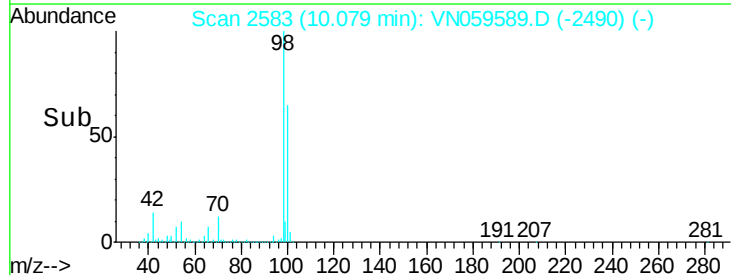
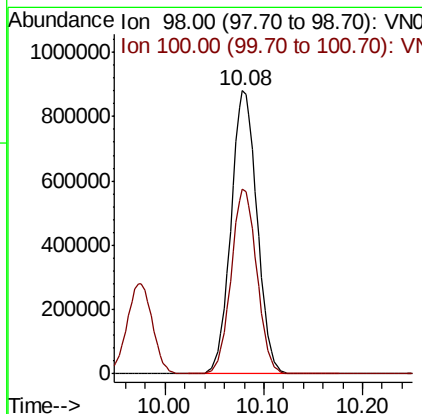
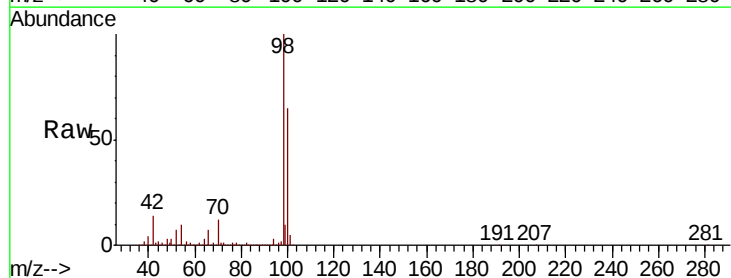
RT: 10.08 min Scan# 2583

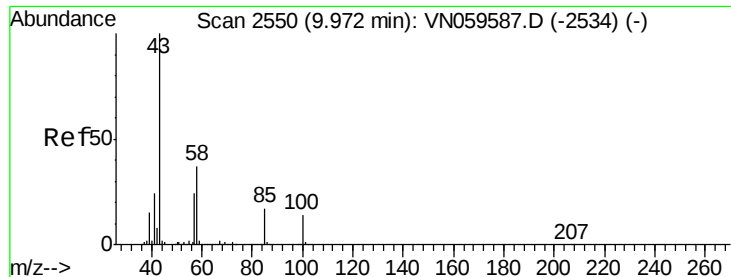
Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	98	Resp:	1615784
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 771.676 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3469719

Ion Ratio Lower Upper

43 100

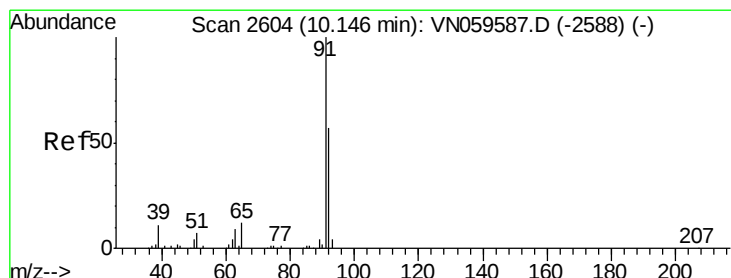
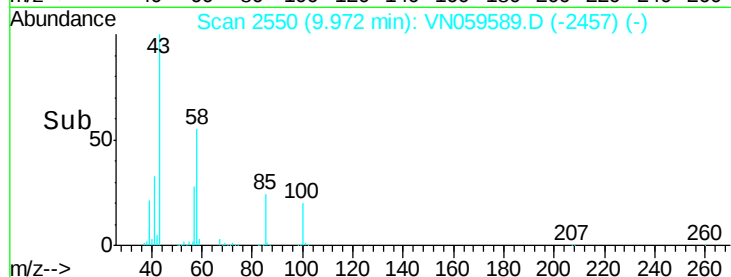
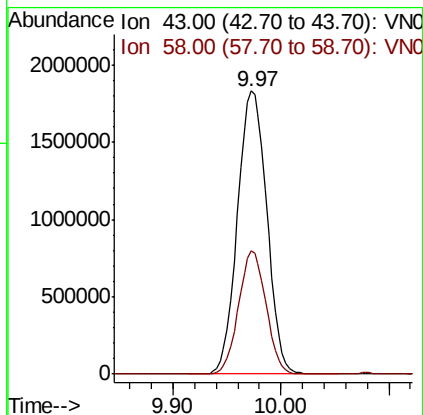
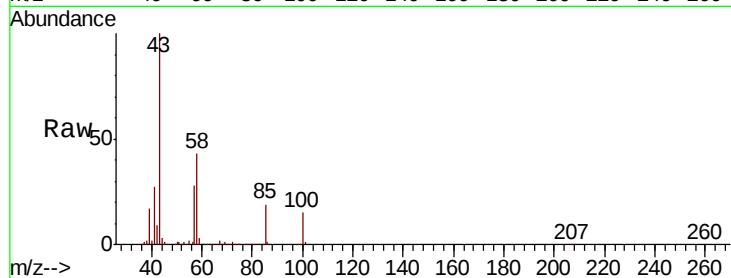
58 40.7 29.8 44.8

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#52

Toluene

Concen: 149.883 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059589.D

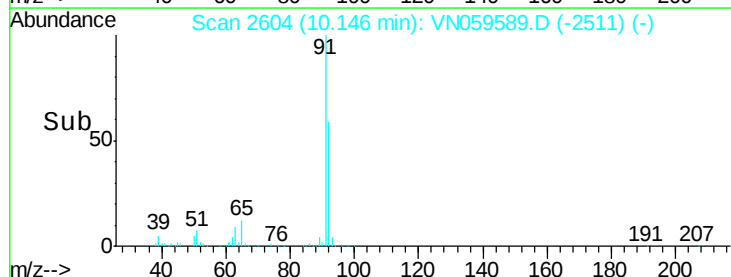
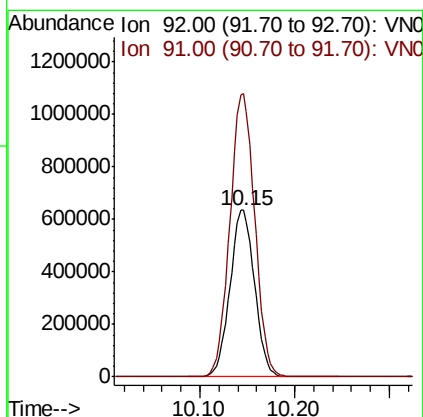
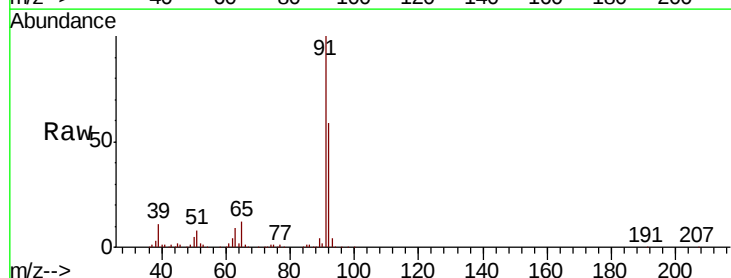
Acq: 13 Dec 2019 17:28

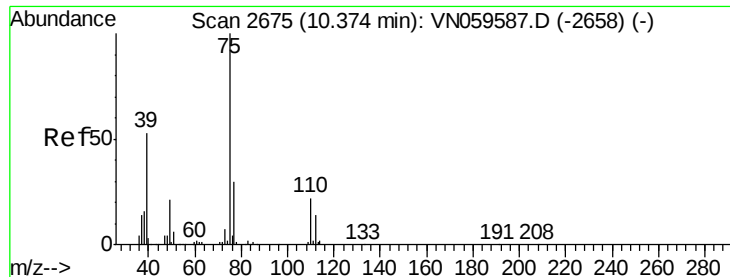
Tgt Ion: 92 Resp: 1142866

Ion Ratio Lower Upper

92 100

91 172.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 155.296 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 805672

Ion Ratio Lower Upper

75 100

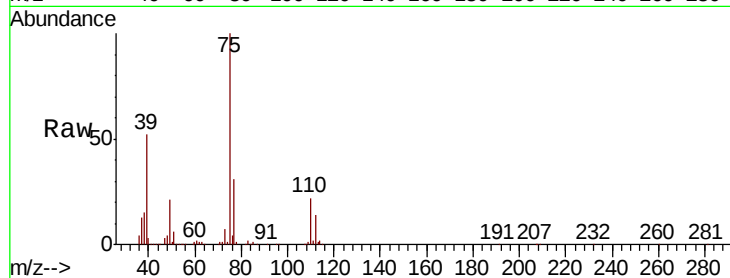
77 31.0 25.4 38.2

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

500000

400000

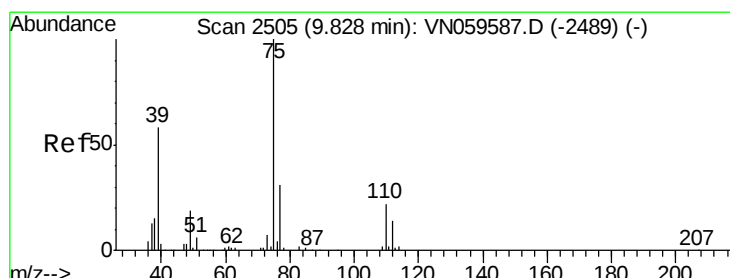
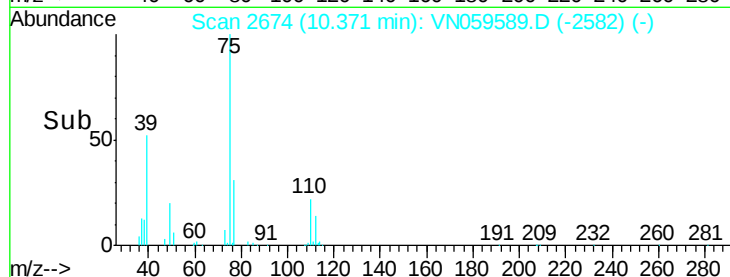
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 155.421 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

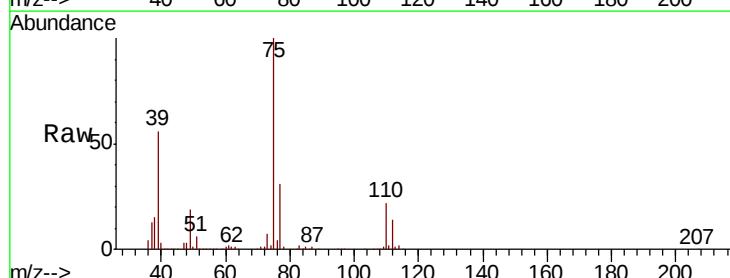
Tgt Ion: 75 Resp: 826465

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 55.9 46.1 69.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

600000

500000

400000

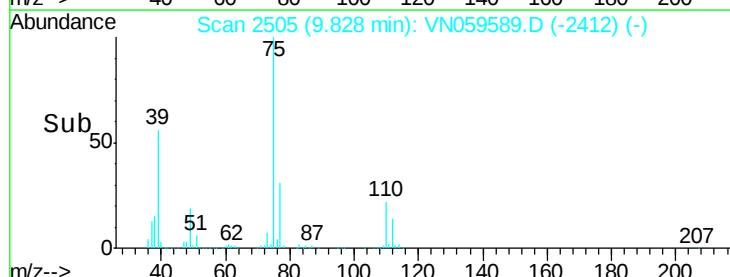
300000

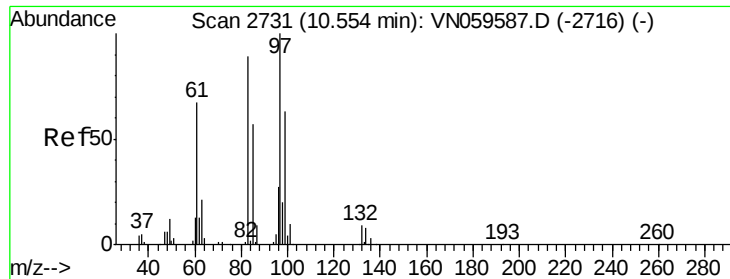
200000

100000

0

Time-->





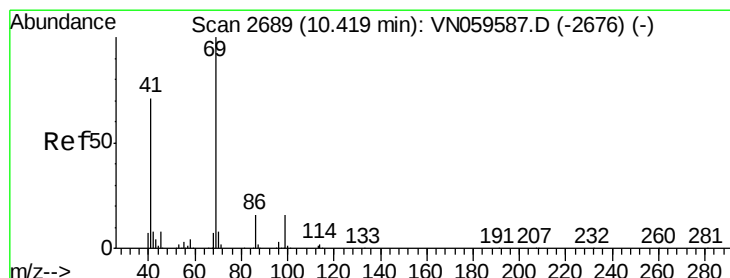
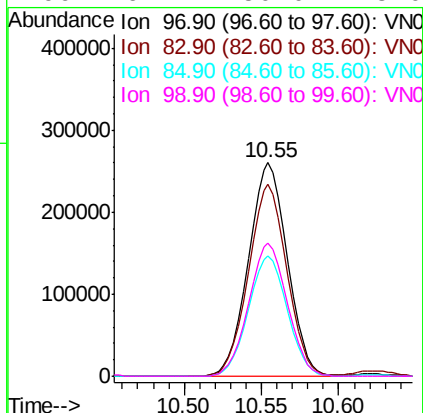
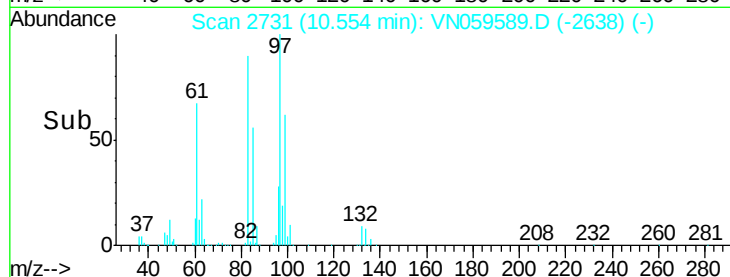
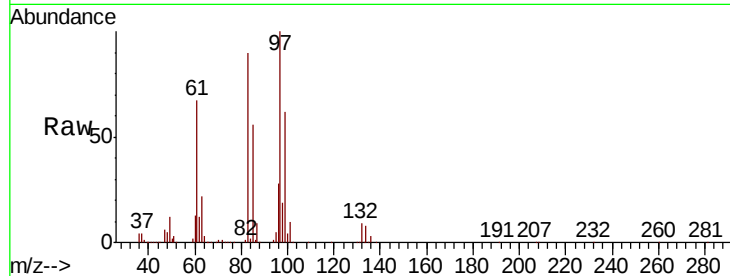
#55
 1,1,2-Trichloroethane
 Concen: 147.593 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	455242
Ion	Ratio	Lower	Upper
97	100		
83	89.7	71.3	106.9
85	56.4	45.8	68.8
99	62.2	50.0	75.0

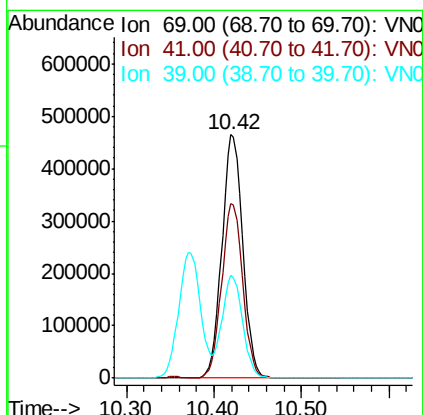
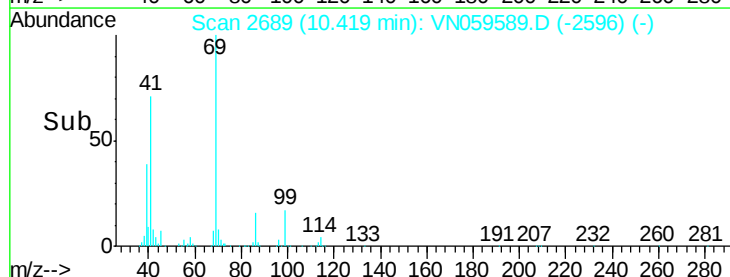
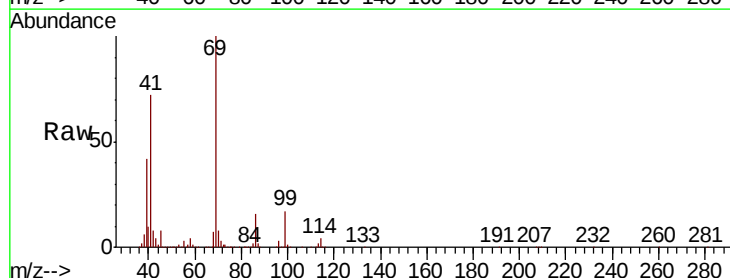
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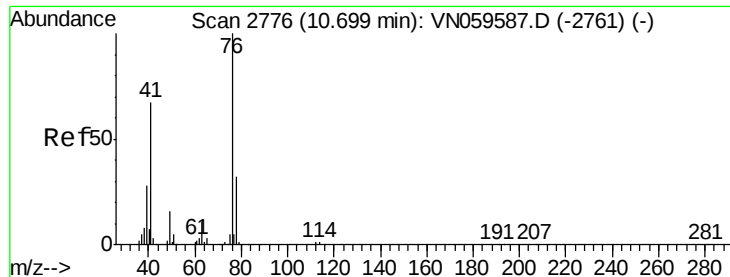
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#56
 Ethyl methacrylate
 Concen: 168.712 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion:	69	Resp:	769072
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.1	85.7
39	42.0	34.7	52.1





#57

1,3-Dichloropropane

Concen: 150.050 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 790764

Ion Ratio Lower Upper

76 100

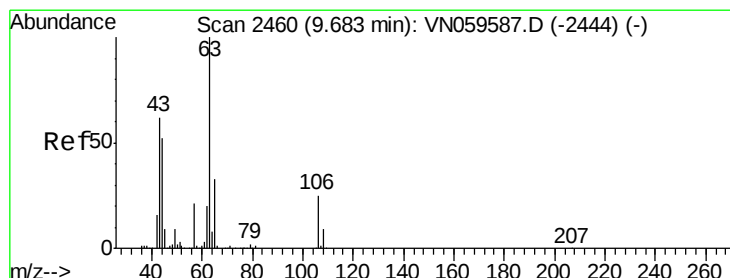
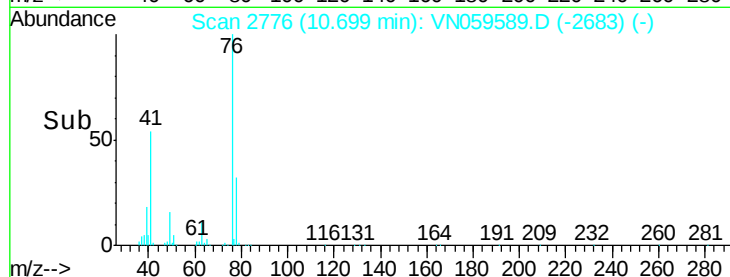
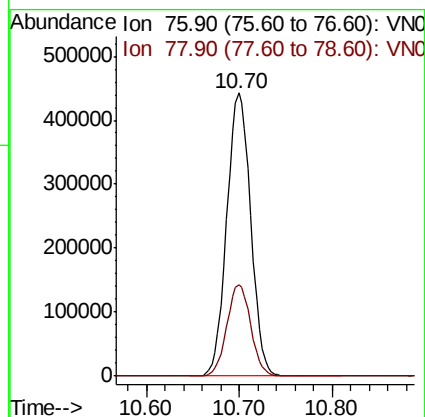
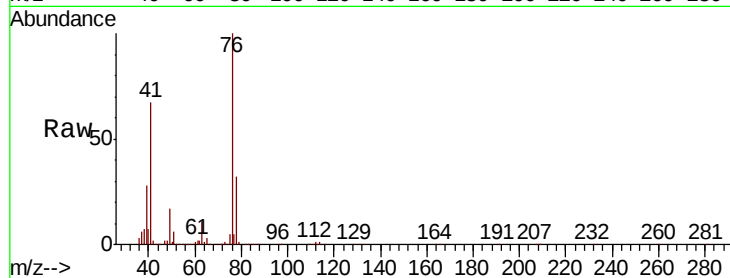
78 32.3 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 983.513 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059589.D

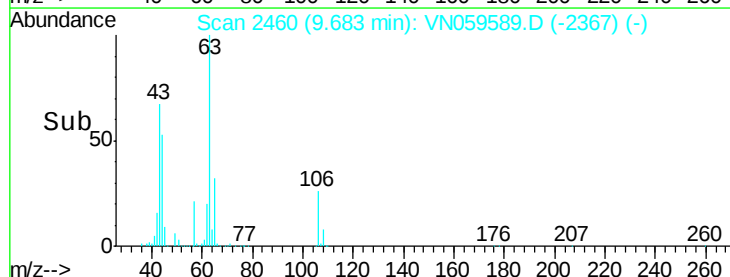
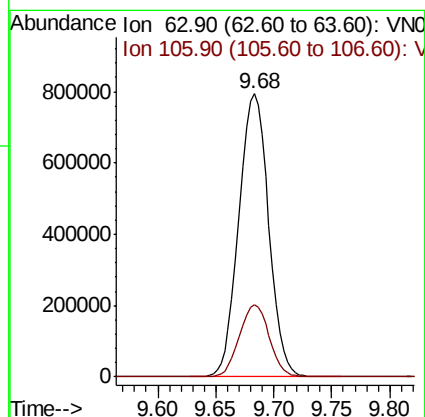
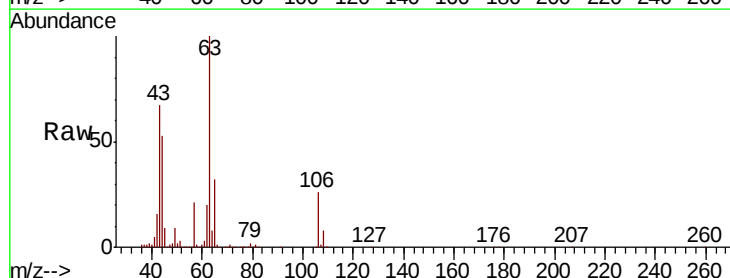
Acq: 13 Dec 2019 17:28

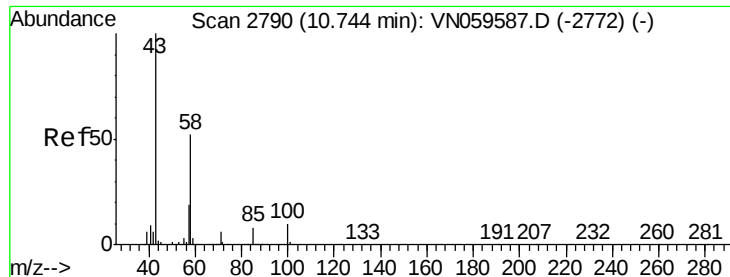
Tgt Ion: 63 Resp: 1419810

Ion Ratio Lower Upper

63 100

106 25.6 20.2 30.2





#59

2-Hexanone

Concen: 835.677 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2847600

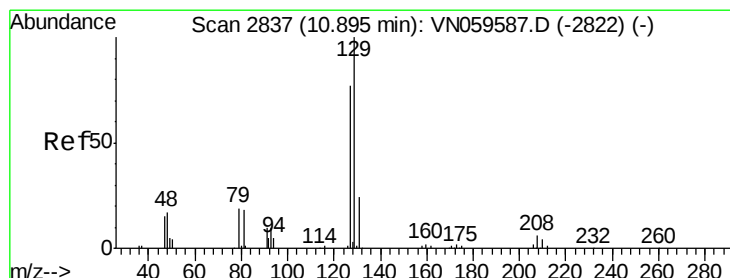
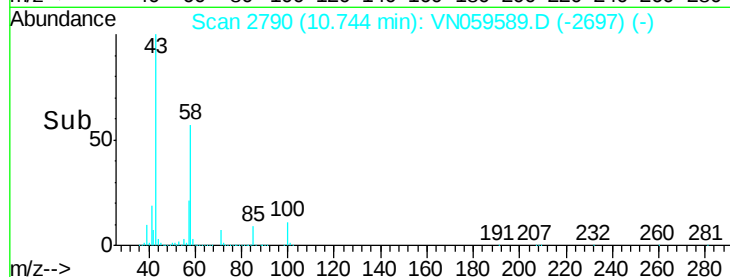
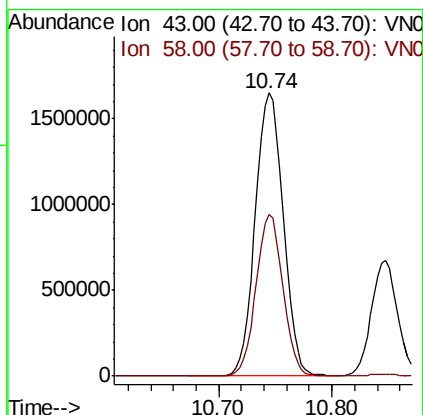
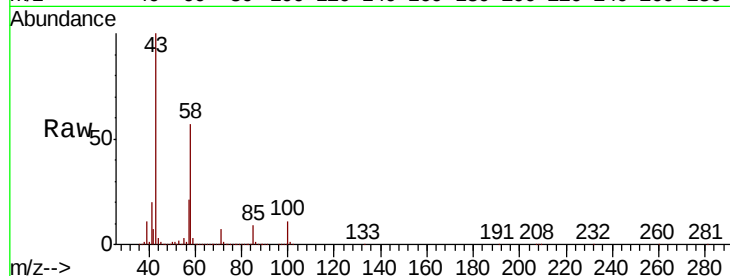
Ion Ratio Lower Upper

43 100

58 54.8 25.8 77.3

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#60

Dibromochloromethane

Concen: 155.421 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN059589.D

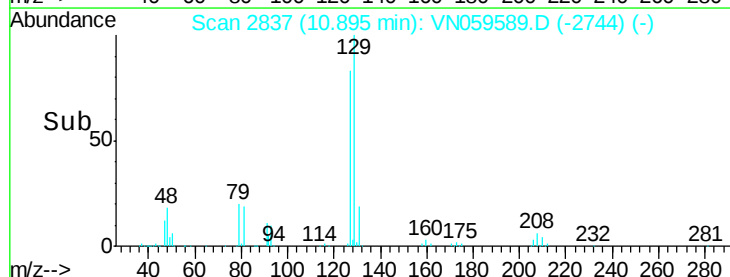
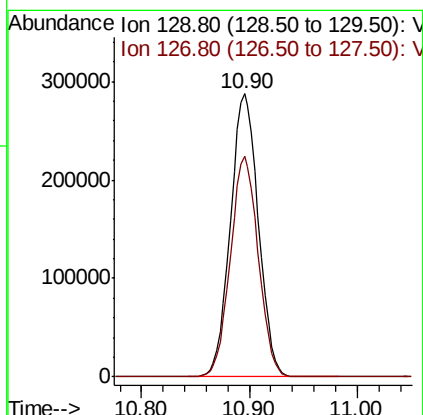
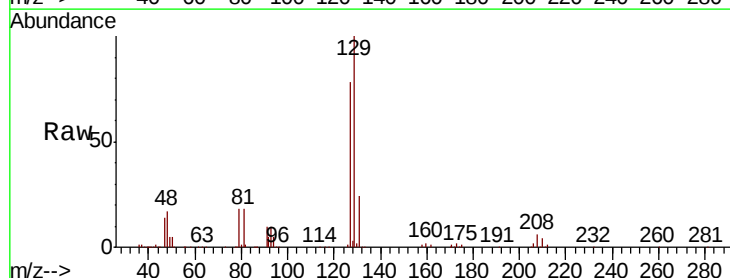
Acq: 13 Dec 2019 17:28

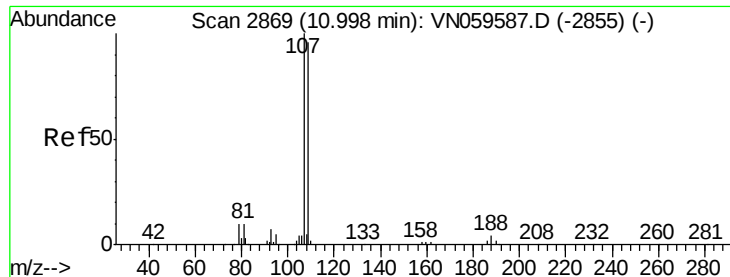
Tgt Ion: 129 Resp: 519720

Ion Ratio Lower Upper

129 100

127 77.6 38.5 115.5





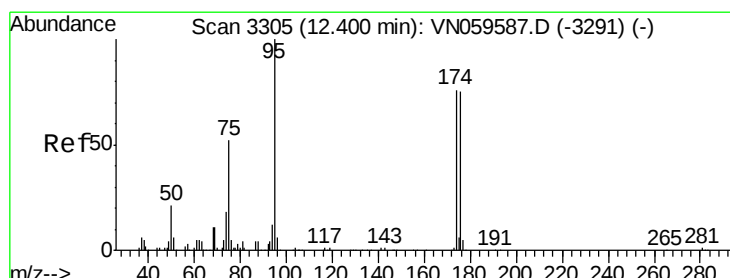
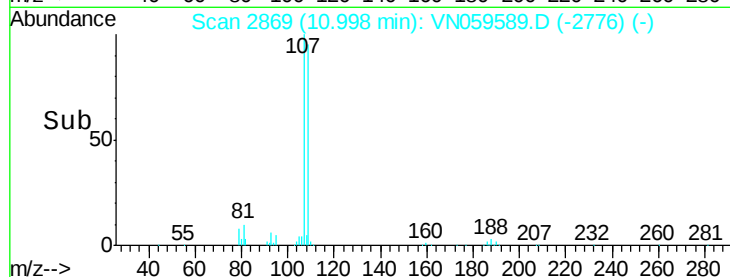
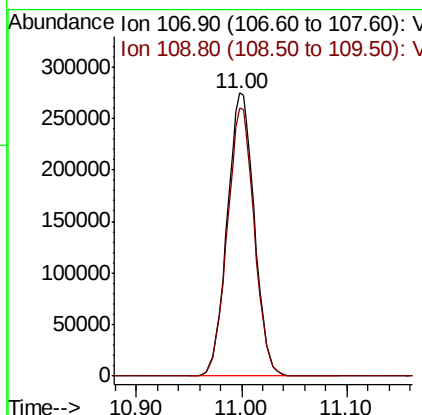
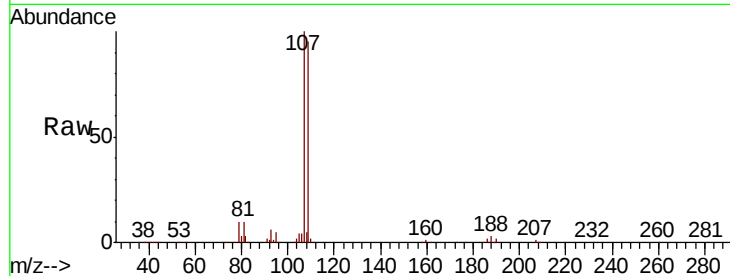
#61
 1,2-Dibromoethane
 Concen: 151.508 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.6	115.0

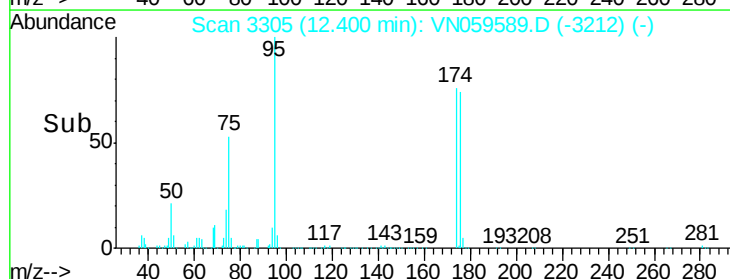
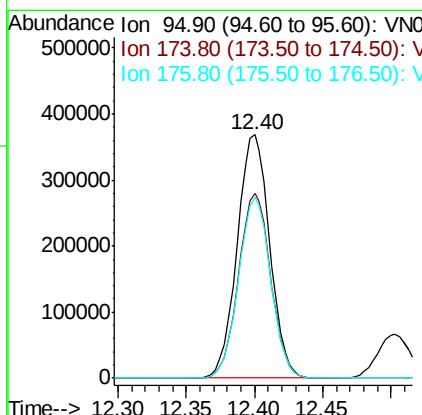
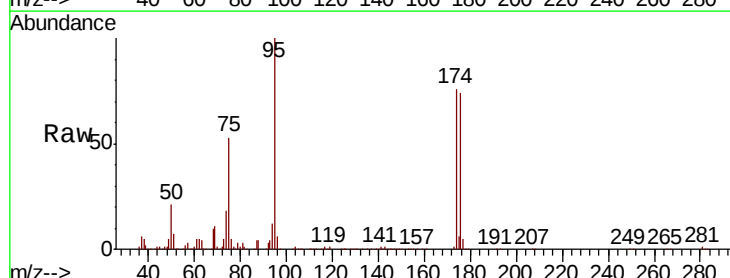
Manual Integrations
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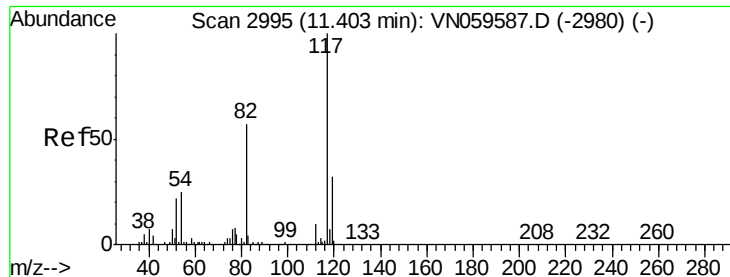
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#62
 4-Bromofluorobenzene
 Concen: 157.497 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	151.4
176	73.5	0.0	146.0





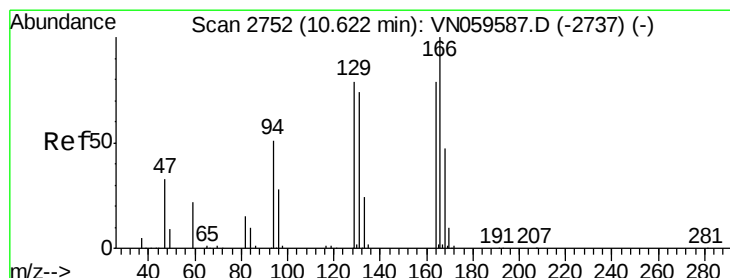
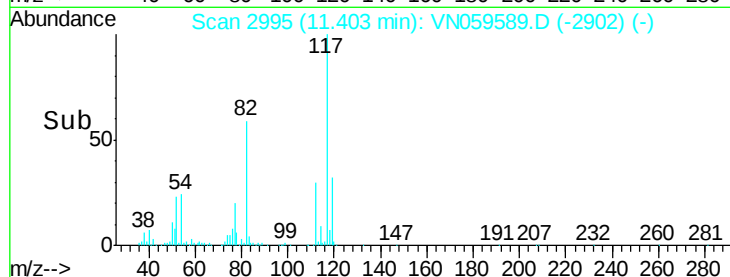
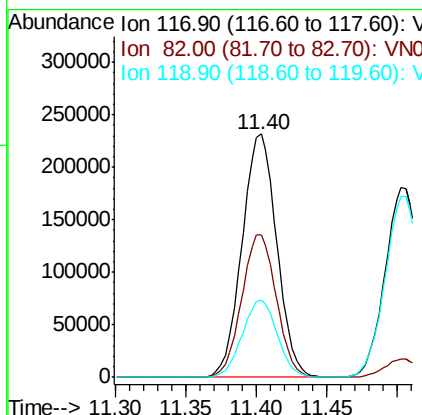
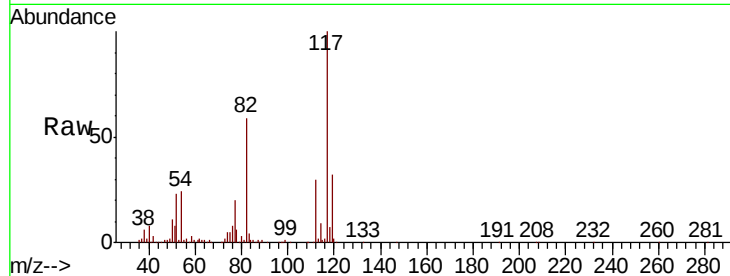
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	399446		
82	58.7		45.9	68.9
119	31.8		25.5	38.3

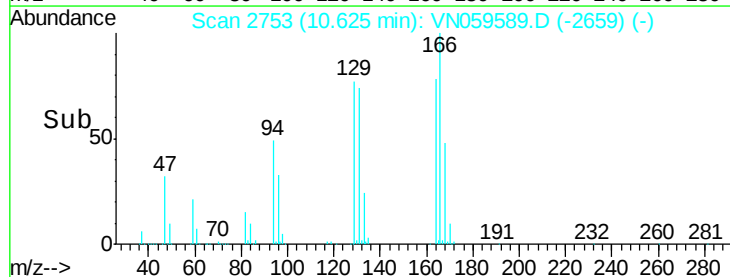
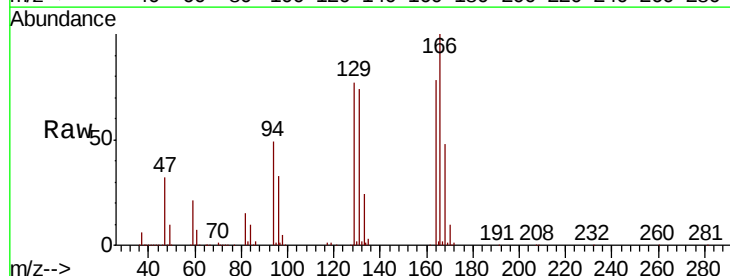
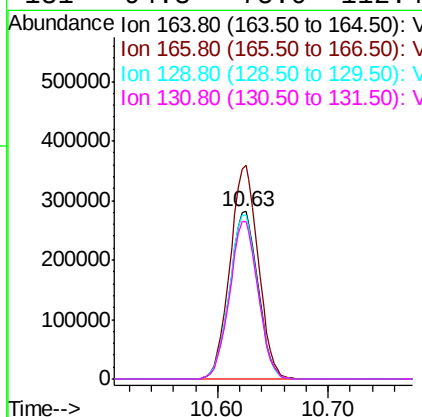
Manual Integrations
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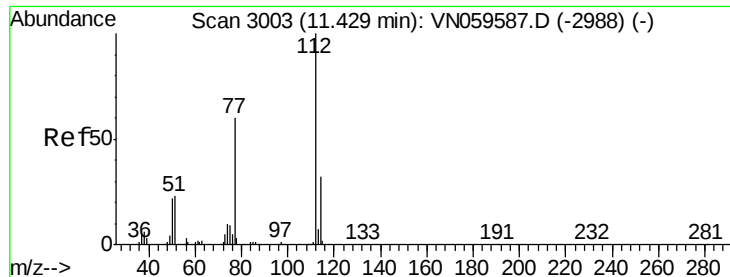
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#64
Tetrachloroethene
Concen: 160.828 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	498482		
166	127.5		101.4	152.0
129	97.8		80.2	120.4
131	94.3		75.0	112.4





#65

Chlorobenzene

Concen: 141.830 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1209698

Ion Ratio Lower Upper

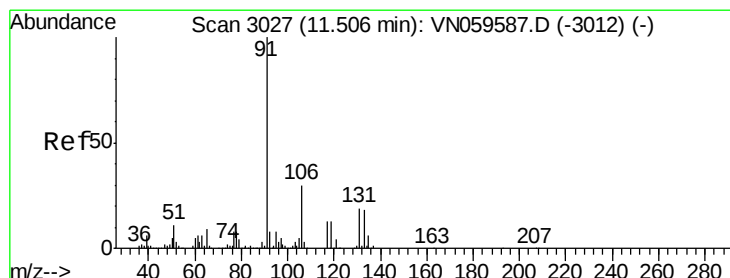
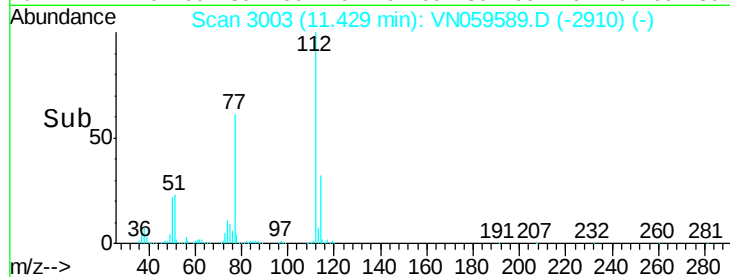
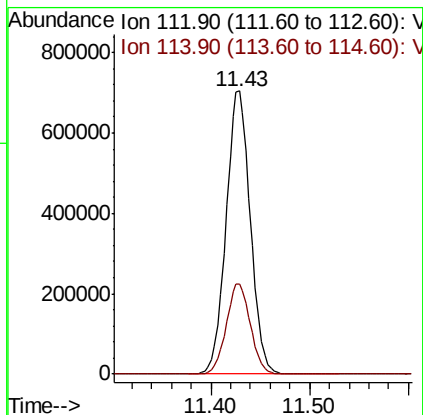
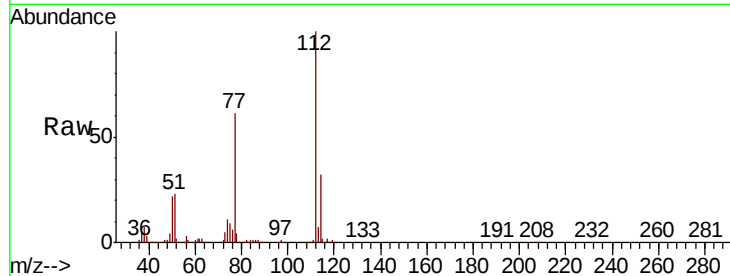
112 100

114 31.8 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 144.566 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

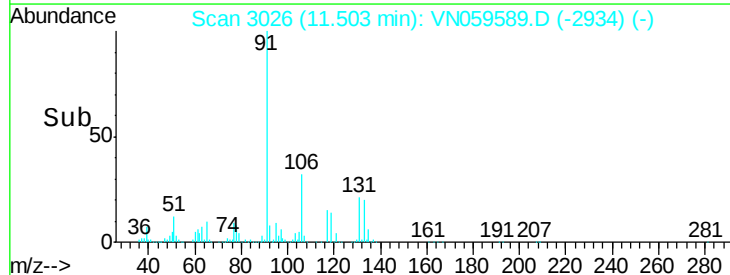
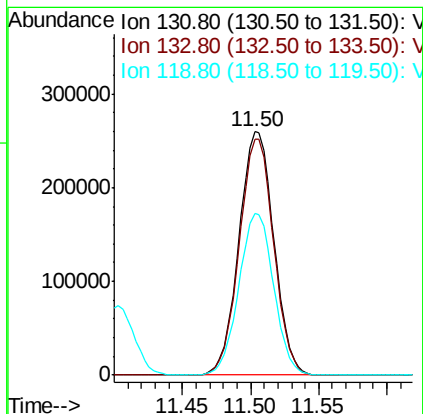
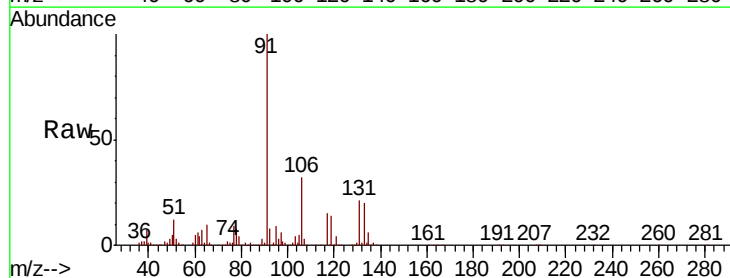
Tgt Ion:131 Resp: 460643

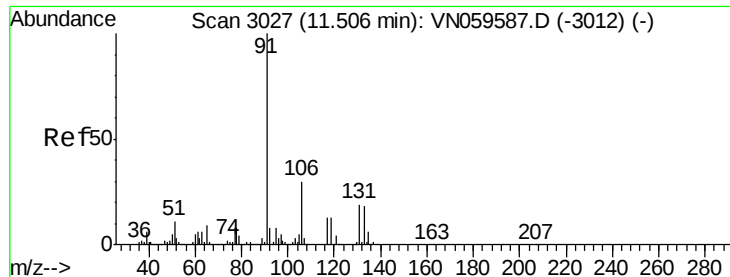
Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.2

119 66.2 33.1 99.3





#67

Ethyl Benzene

Concen: 143.428 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2198133

Ion Ratio Lower Upper

91 100

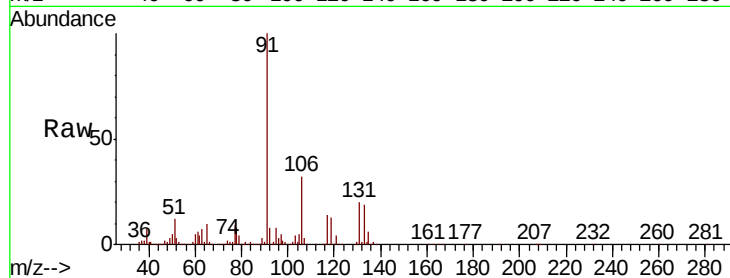
106 31.9 24.1 36.1

Manual Integrations

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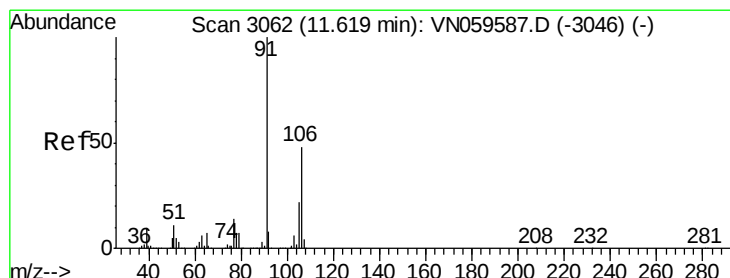
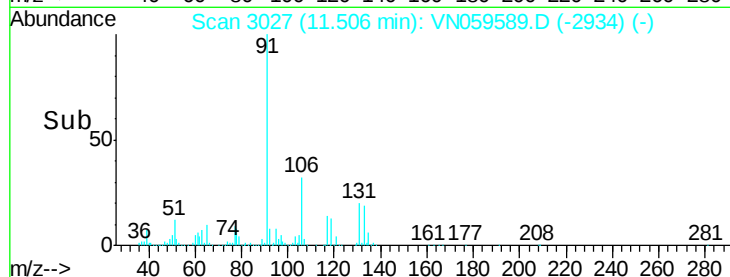
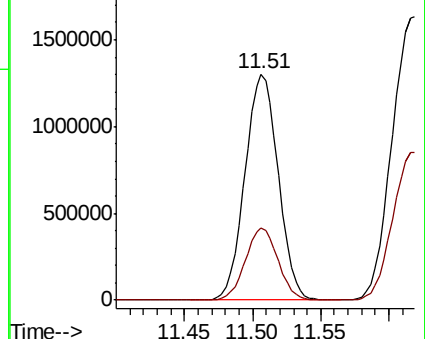
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Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059587.D (-3012) (-)



#68

m/p-Xylenes

Concen: 294.165 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059589.D

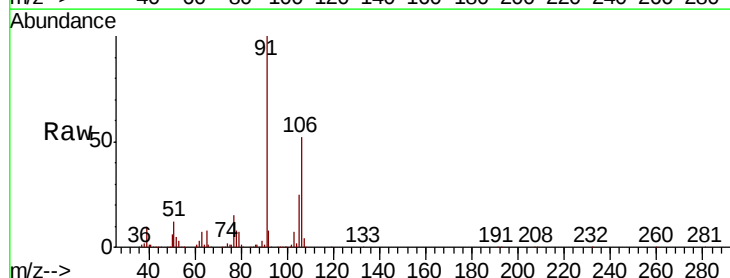
Acq: 13 Dec 2019 17:28

Tgt Ion: 106 Resp: 1670051

Ion Ratio Lower Upper

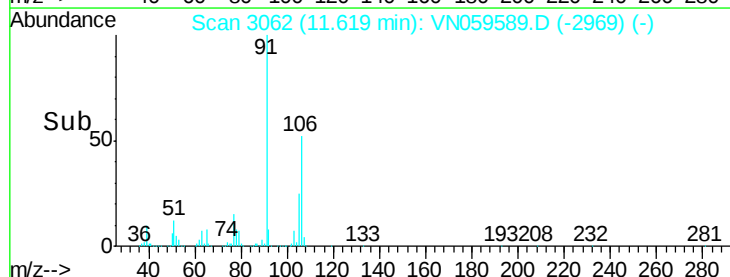
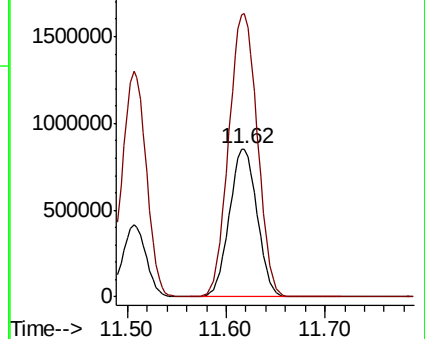
106 100

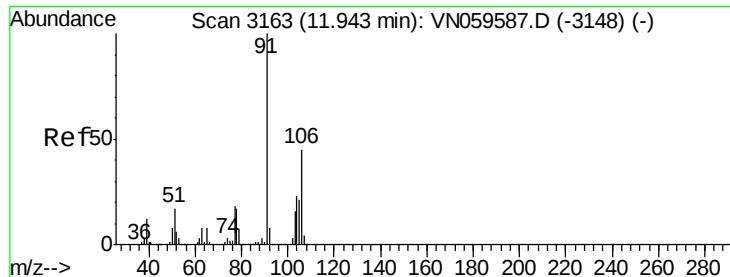
91 197.8 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059587.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN059587.D (-3046) (-)





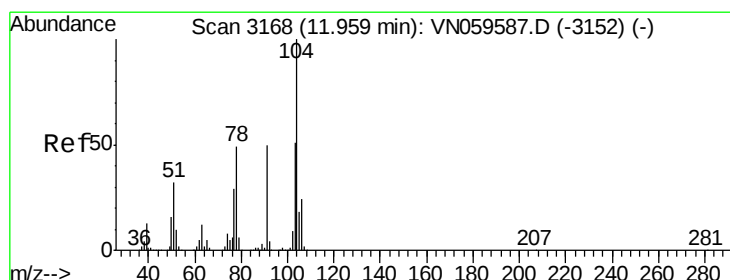
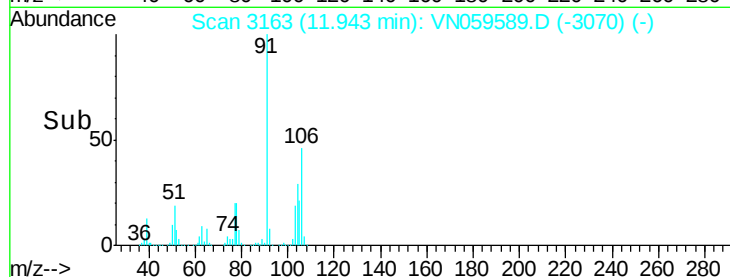
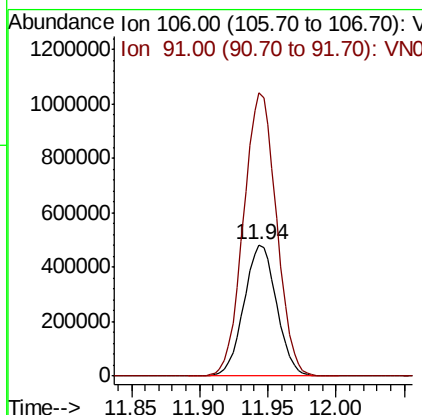
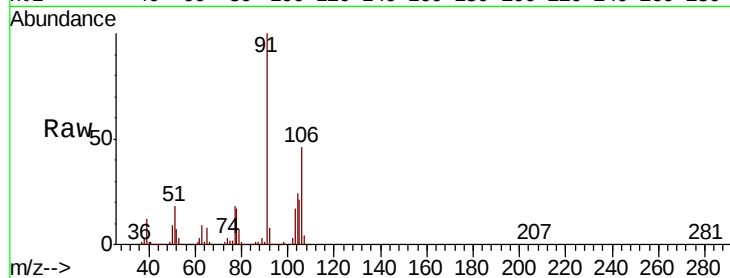
#69
o-Xylene
Concen: 151.009 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	217.6	110.3	330.9	

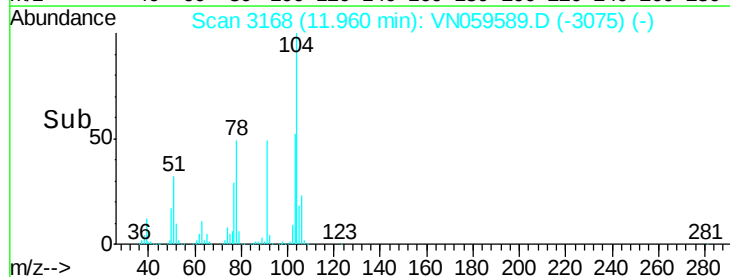
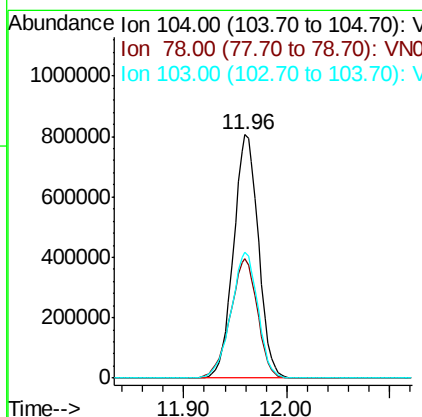
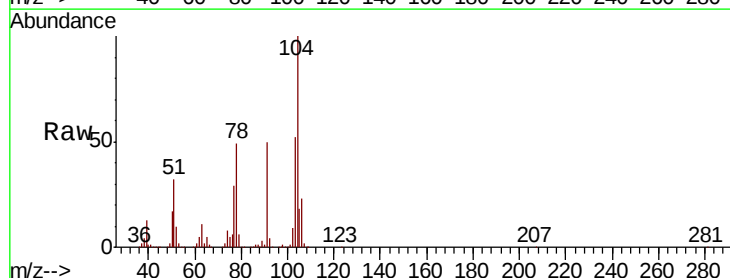
Manual Integrations
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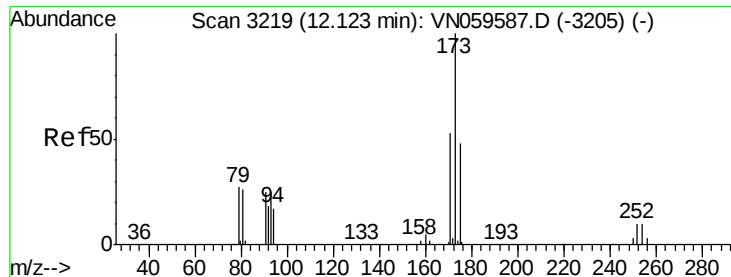
apatel
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#70
Styrene
Concen: 154.772 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.3	42.4	63.6	
103	55.6	43.9	65.9	





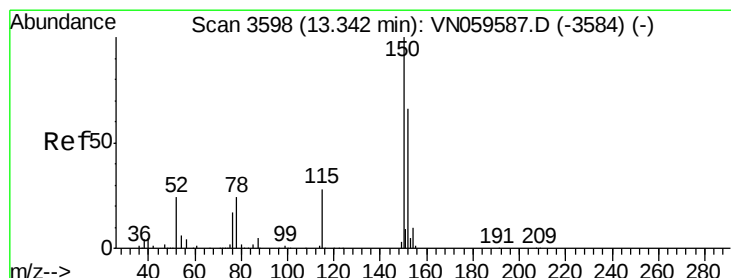
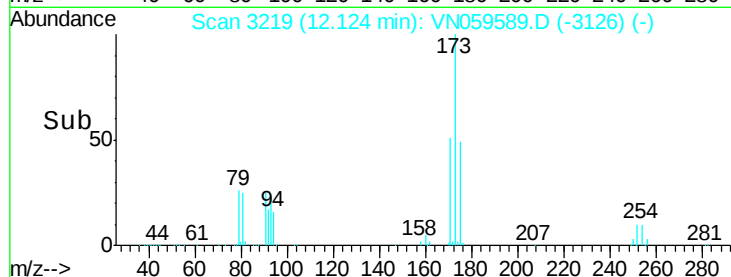
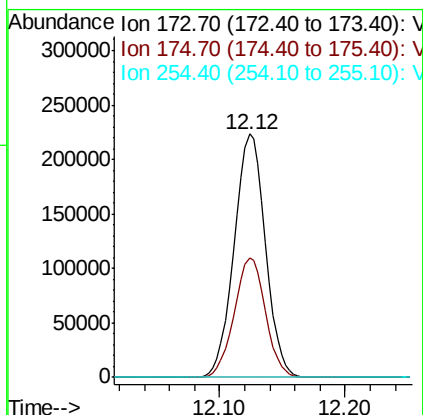
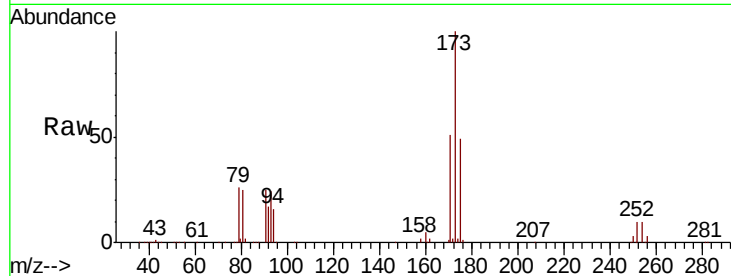
#71
Bromoform
Concen: 156.331 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.8	71.4
254	0.1	0.0	0.0#

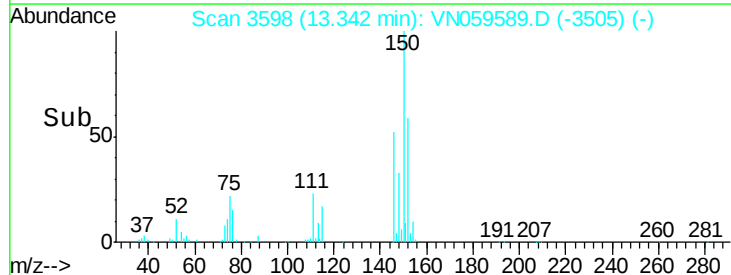
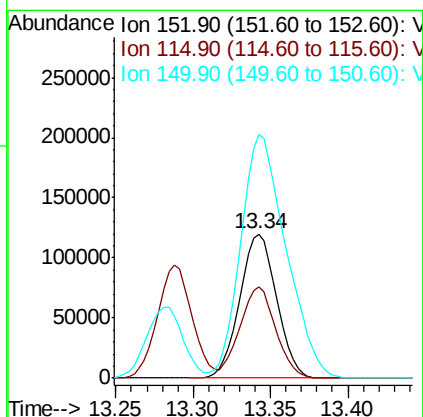
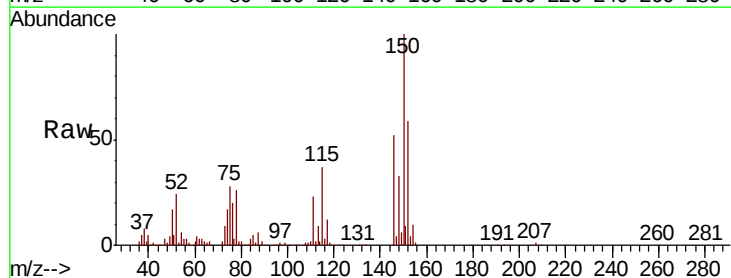
Manual Integrations
APPROVED

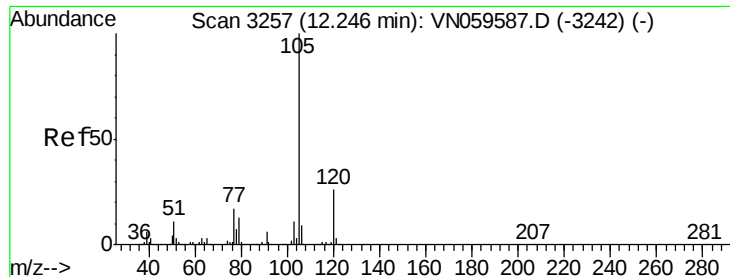
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.3	90.9
150	206.6	0.0	345.2





#73

Isopropylbenzene

Concen: 136.803 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2129174

Ion Ratio Lower Upper

105 100

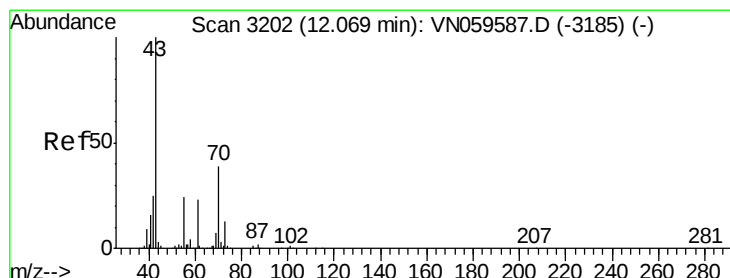
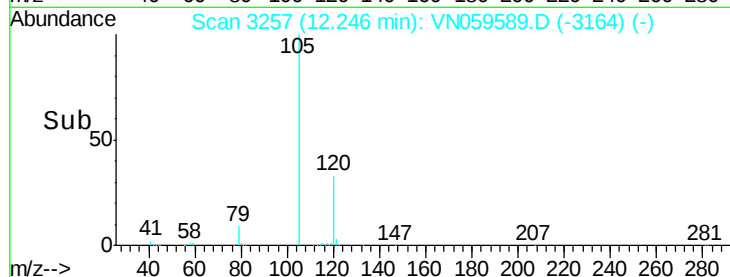
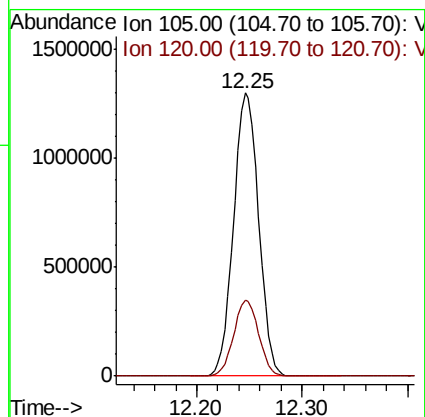
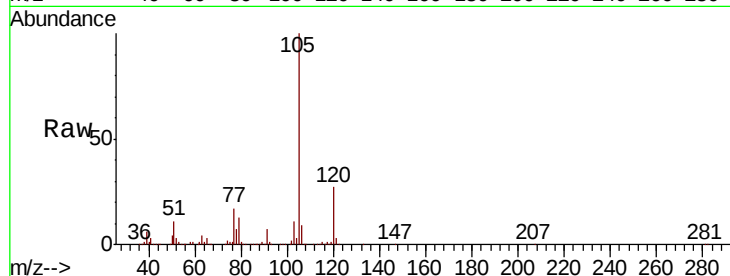
120 26.6 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 162.749 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion: 43 Resp: 1109754

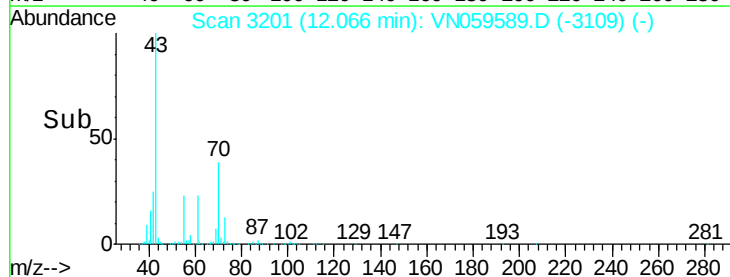
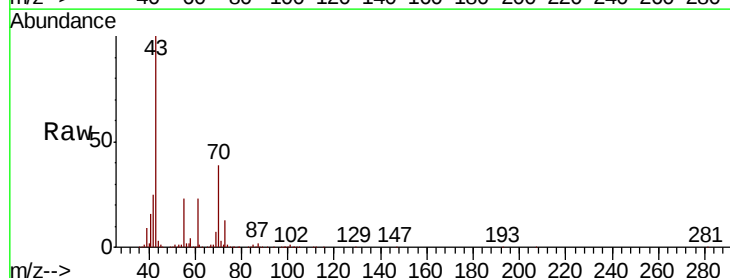
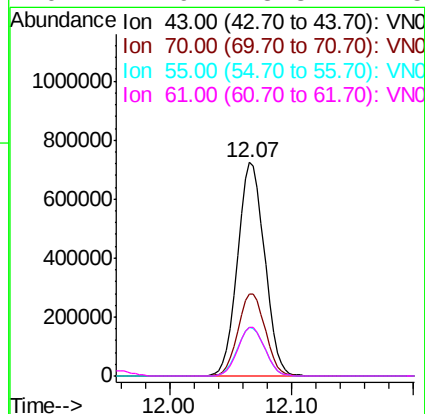
Ion Ratio Lower Upper

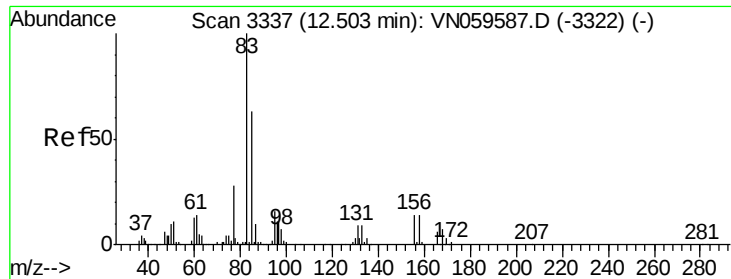
43 100

70 38.9 31.3 46.9

55 23.3 19.8 29.6

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 132.377 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

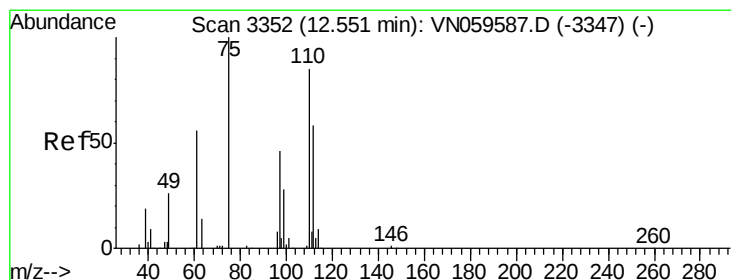
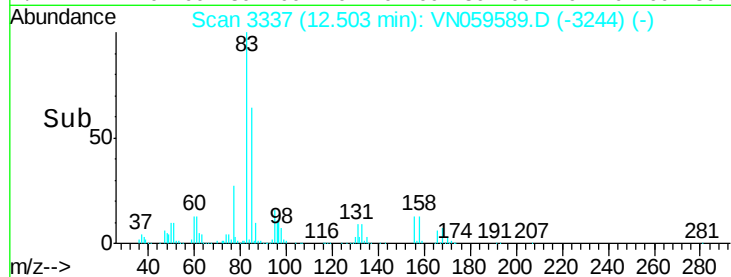
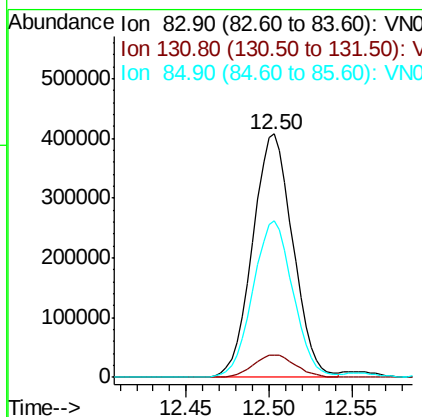
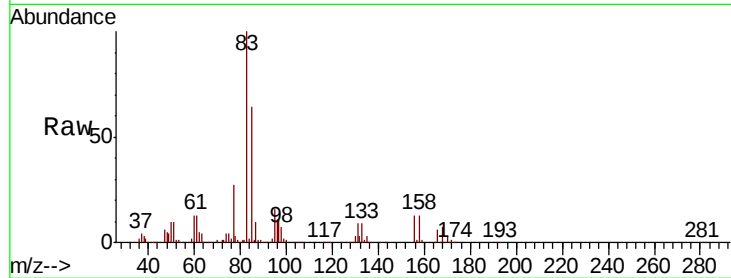
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	687579
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	64.1	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 128.276 ug/l m

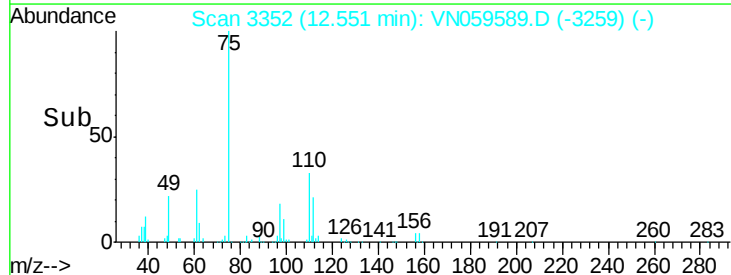
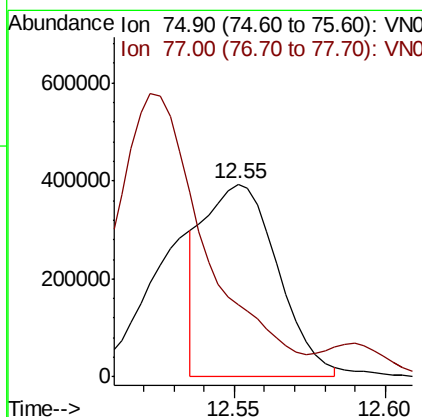
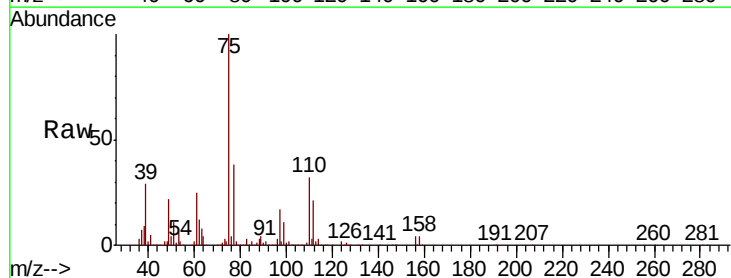
RT: 12.55 min Scan# 3352

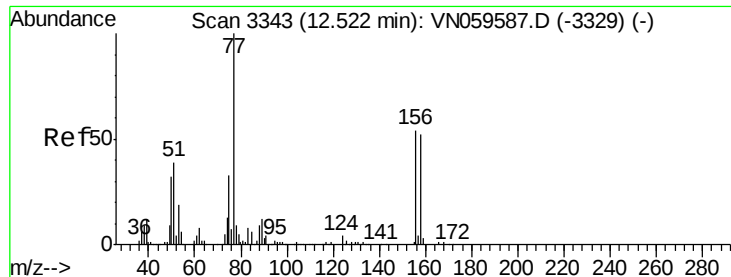
Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	75	Resp:	672005
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 134.179 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

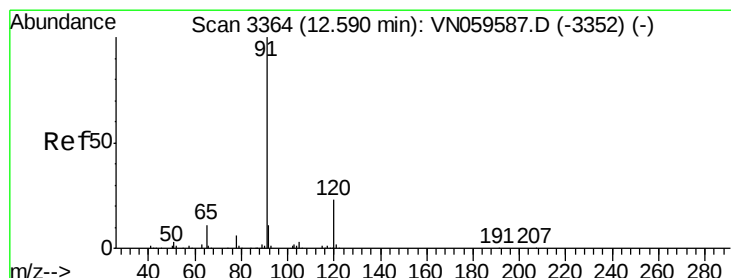
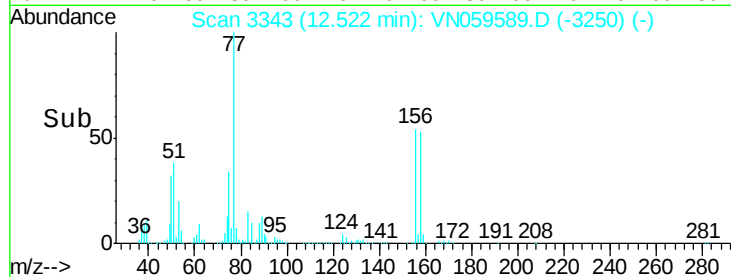
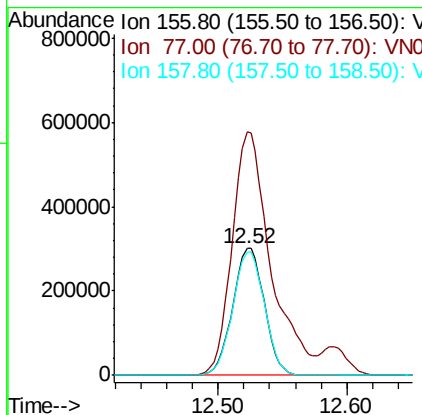
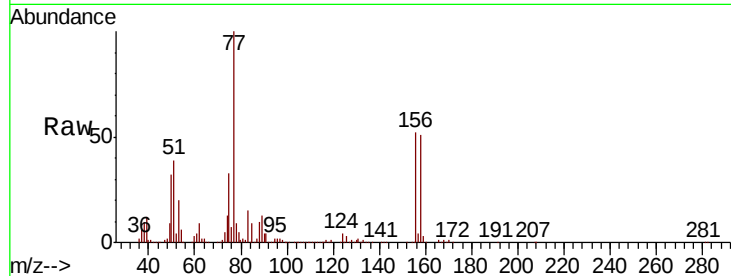
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	512230
Ion Ratio	Lower	Upper	
156	100		
77	233.9	115.8	347.4
158	98.1	49.2	147.6

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#78

n-propylbenzene

Concen: 131.570 ug/l

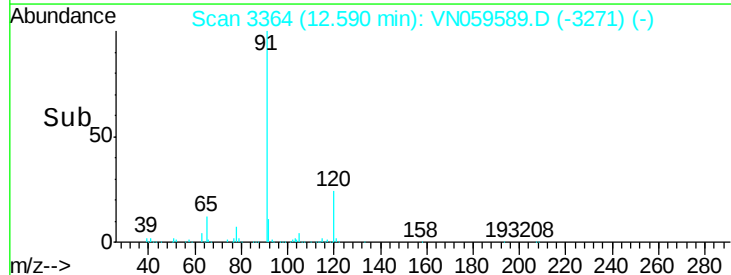
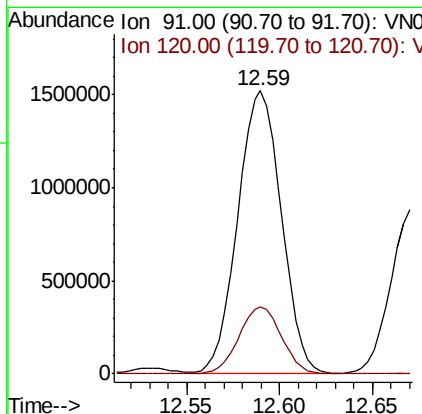
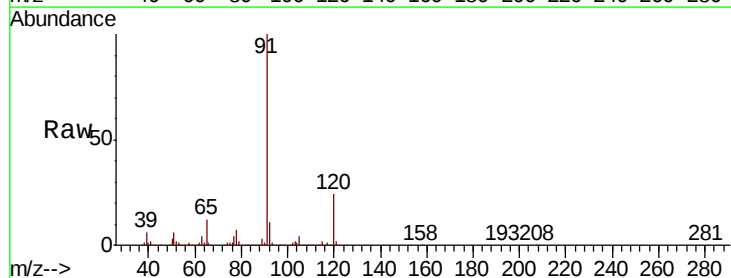
RT: 12.59 min Scan# 3364

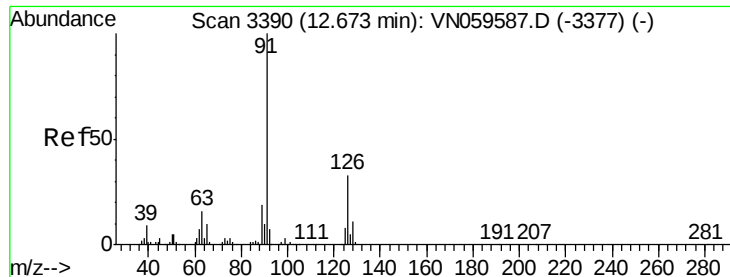
Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	91	Resp:	2489245
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.1	33.3





#79

2-Chlorotoluene

Concen: 132.877 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1500588

Ion Ratio Lower Upper

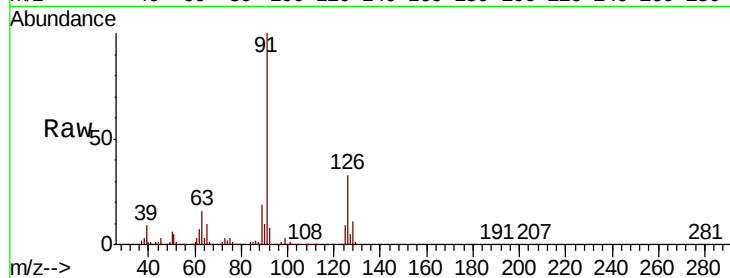
91 100

126 32.7 16.3 48.9

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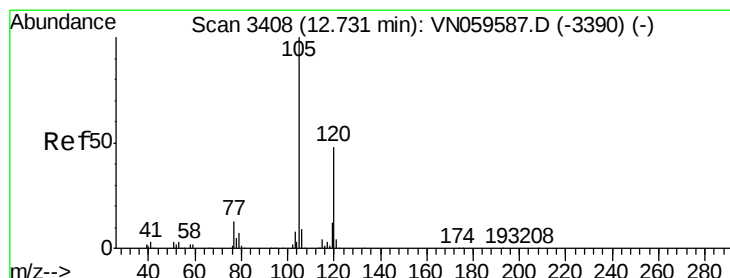
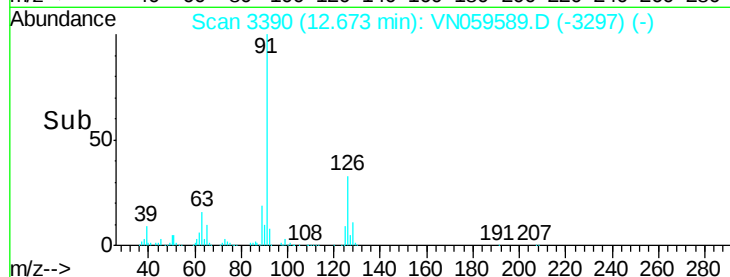
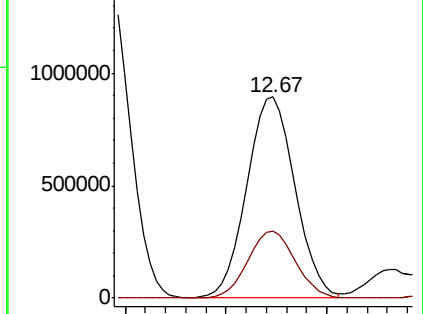
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Abundance Ion 91.00 (90.70 to 91.70): VN059589.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059589.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 137.987 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059589.D

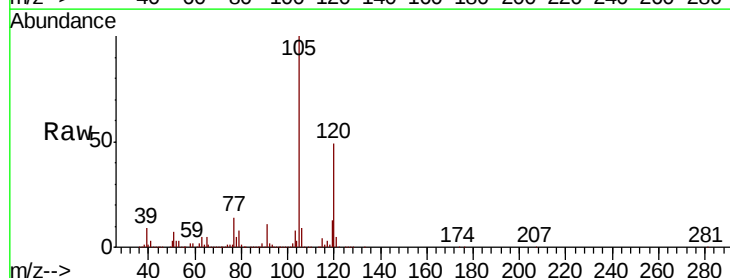
Acq: 13 Dec 2019 17:28

Tgt Ion: 105 Resp: 1817244

Ion Ratio Lower Upper

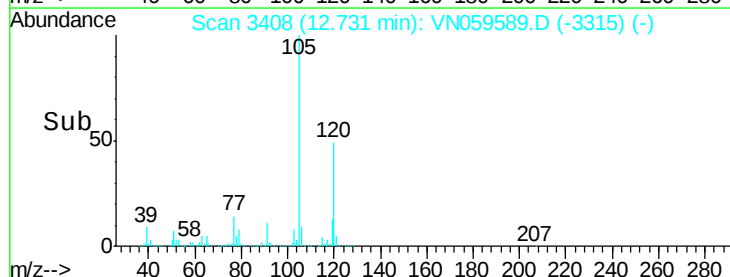
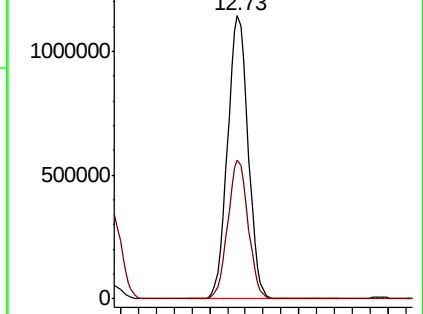
105 100

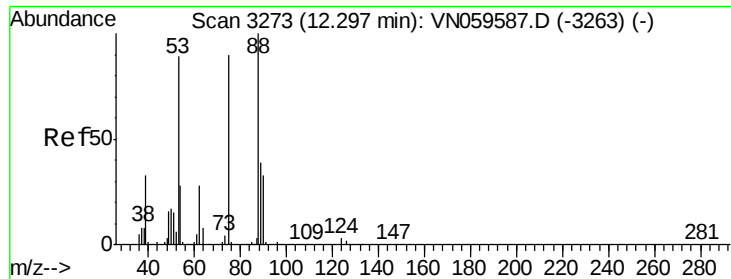
120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059589.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059589.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 145.302 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

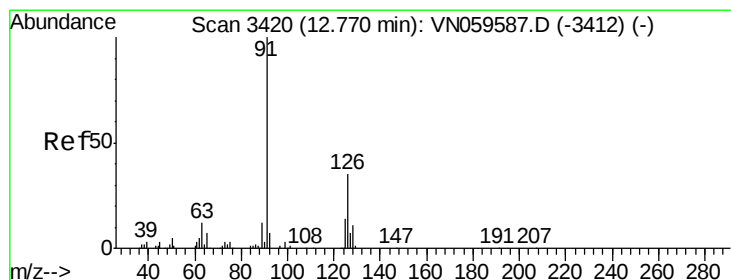
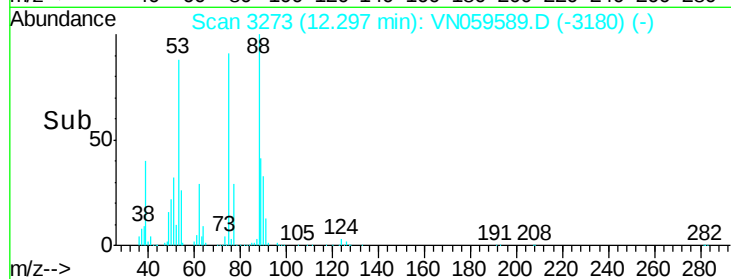
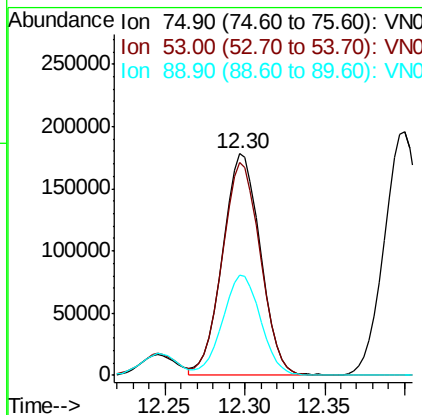
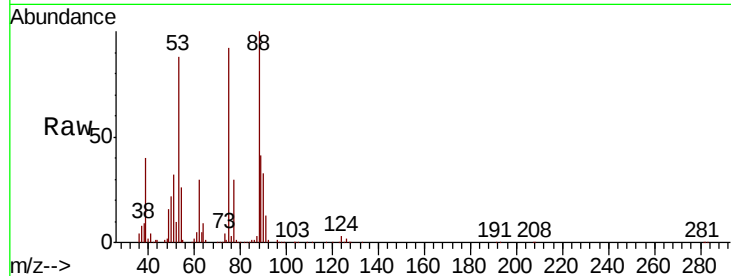
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	288210
Ion Ratio	Lower	Upper	
75	100		
53	96.8	78.1	117.1
89	45.3	35.4	53.2

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#82

4-Chlorotoluene

Concen: 136.189 ug/l

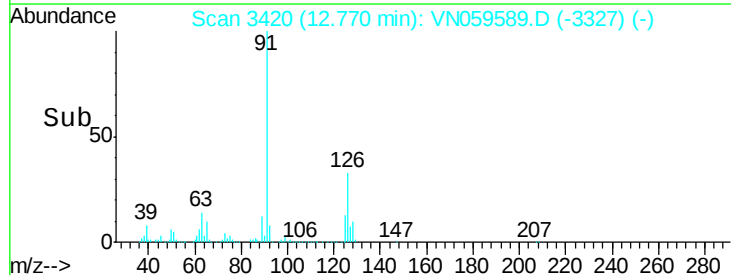
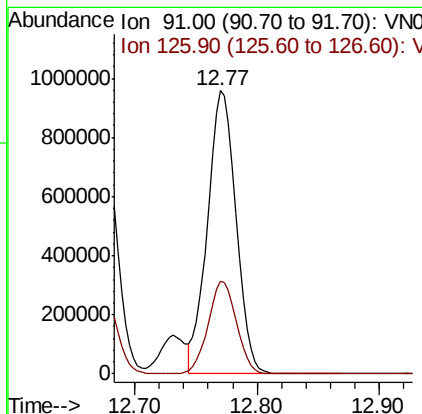
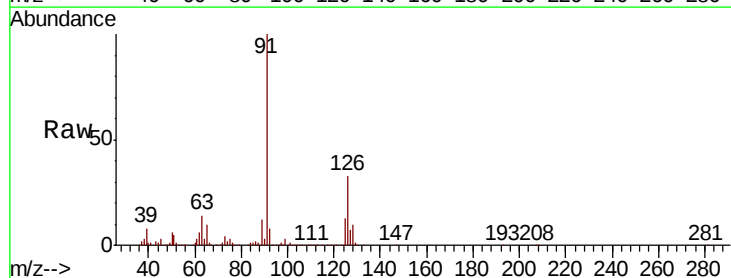
RT: 12.77 min Scan# 3420

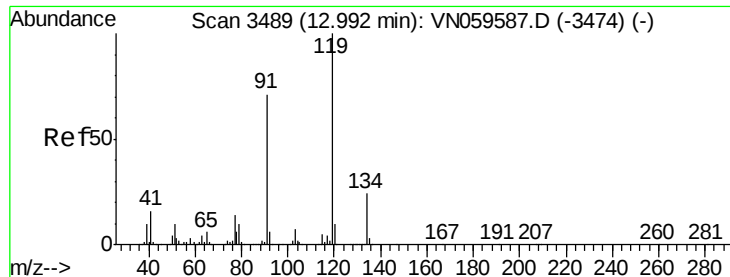
Delta R.T. 0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	91	Resp:	1566577
Ion Ratio	Lower	Upper	
91	100		
126	32.6	16.3	48.8





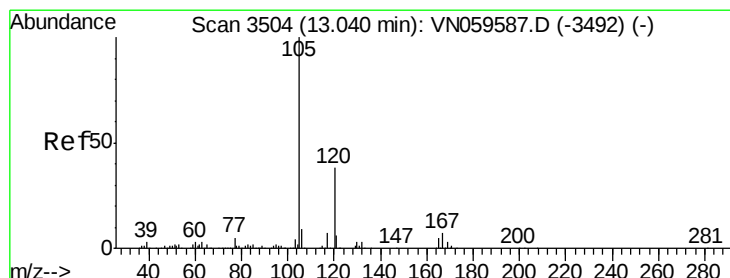
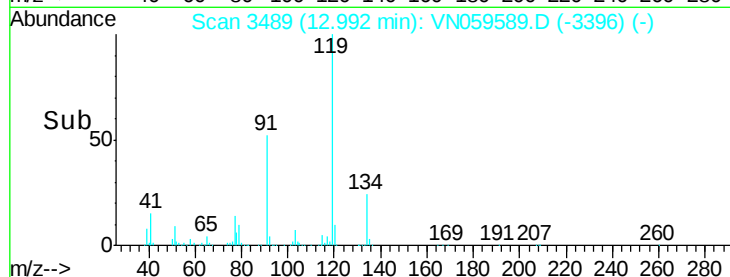
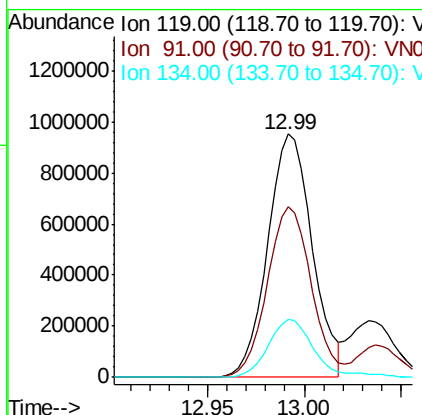
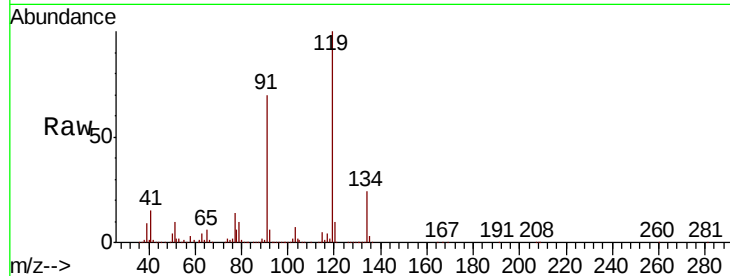
#83
 tert-Butylbenzene
 Concen: 139.022 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1523925
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.8 104.4
 134 24.8 12.3 36.9

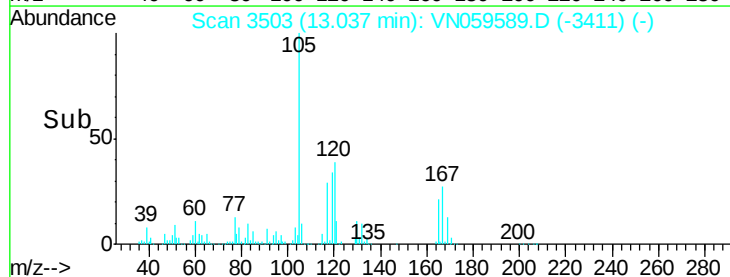
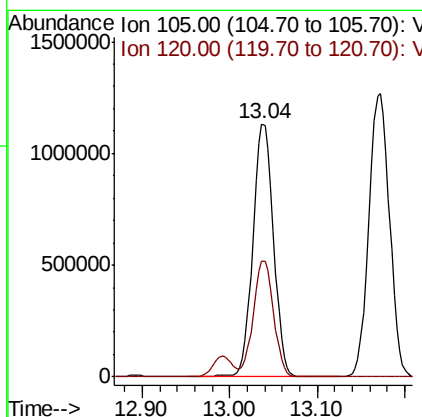
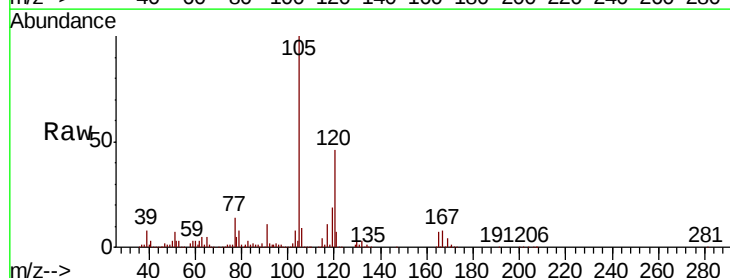
Manual Integrations
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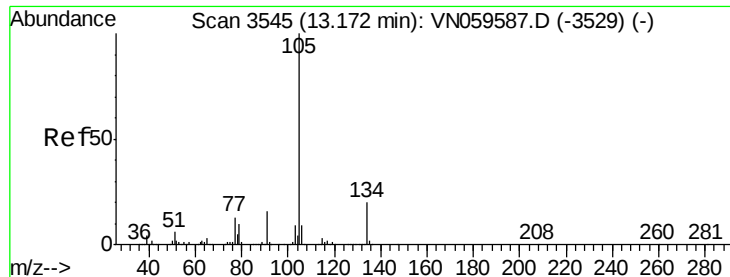
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#84
 1,2,4-Trimethylbenzene
 Concen: 142.455 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion:105 Resp: 1850336
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.9





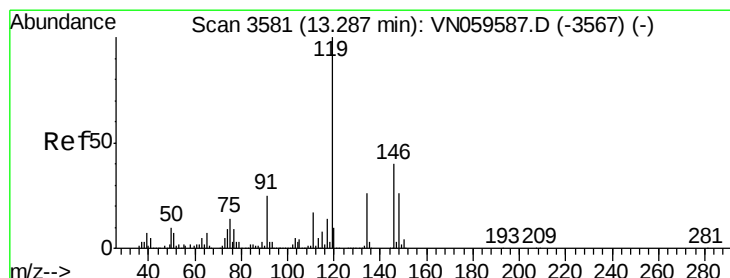
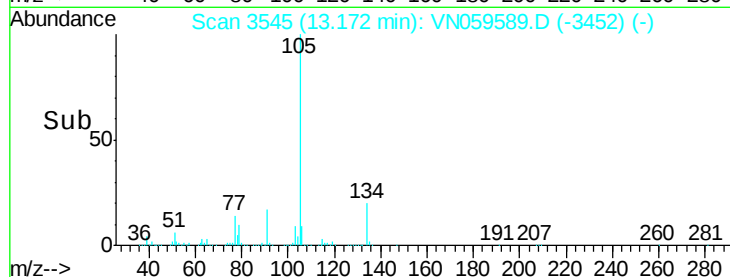
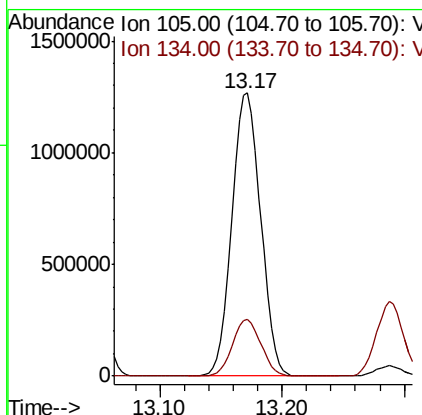
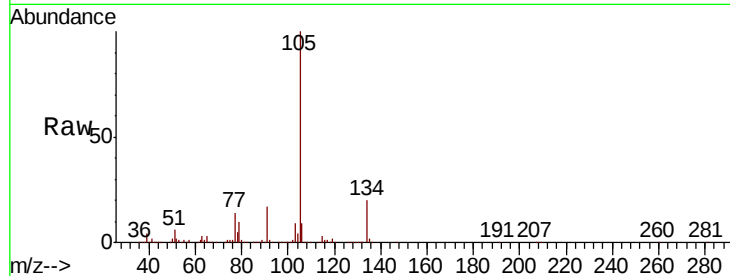
#85
 sec-Butylbenzene
 Concen: 138.185 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

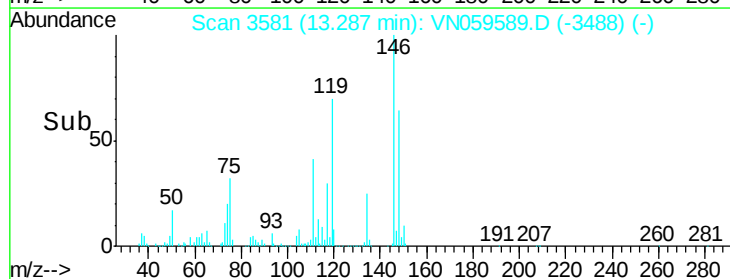
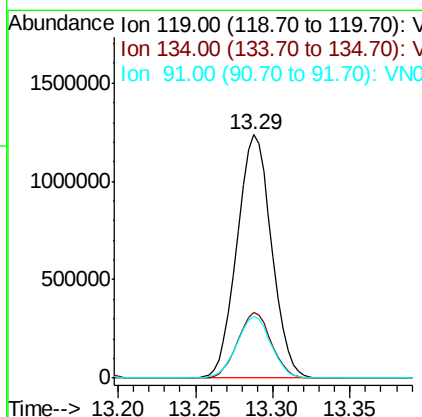
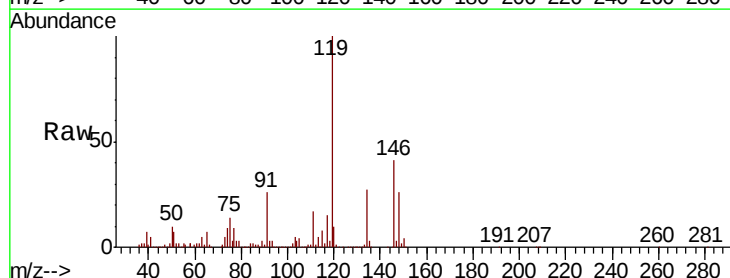
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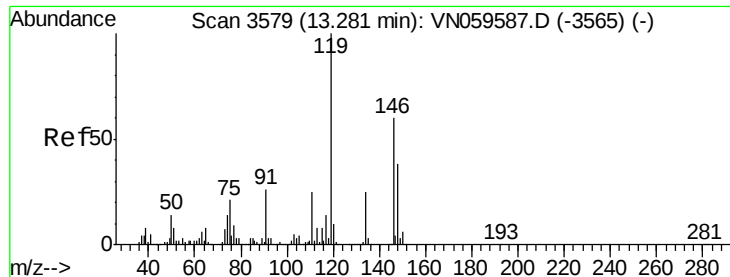
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#86
 p-Isopropyltoluene
 Concen: 142.824 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	25.2	12.4	37.4





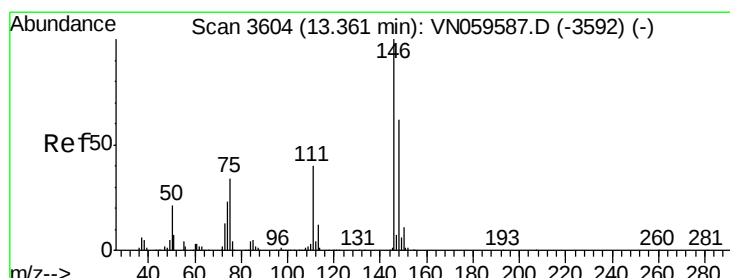
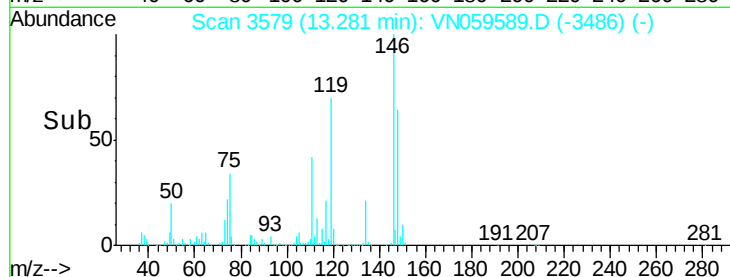
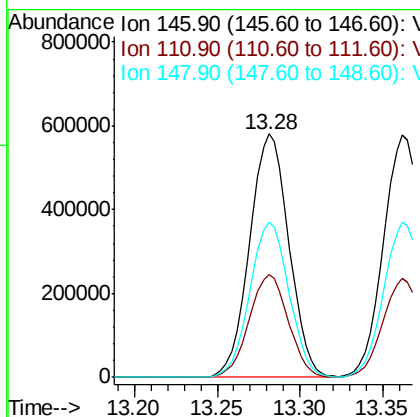
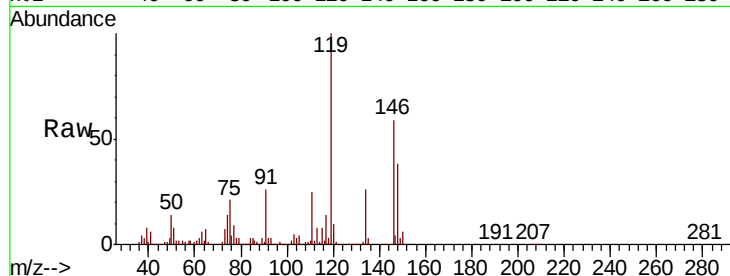
#87
 1,3-Dichlorobenzene
 Concen: 136.607 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.9	20.8	62.2	
148	63.5	32.0	96.0	

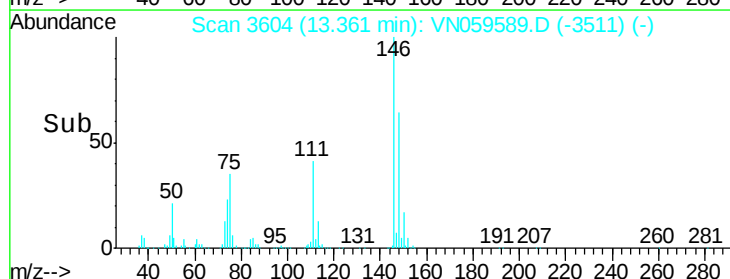
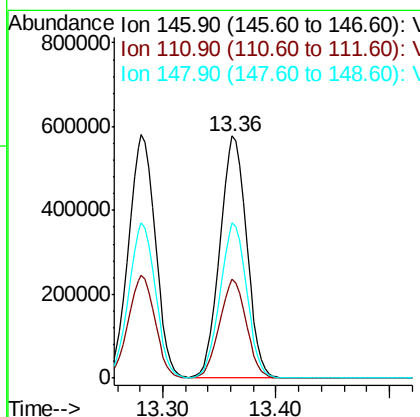
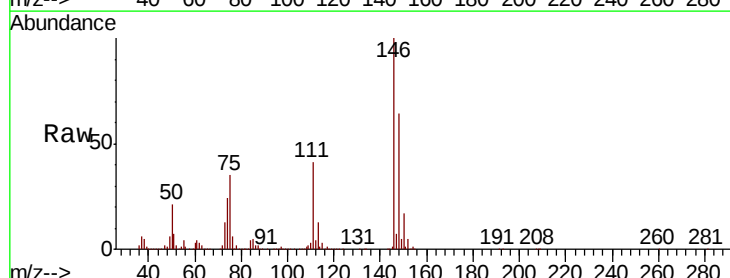
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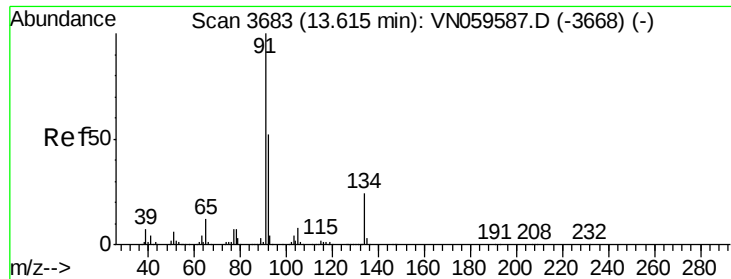
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#88
 1,4-Dichlorobenzene
 Concen: 139.267 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.5	20.8	62.2	
148	63.7	31.8	95.4	





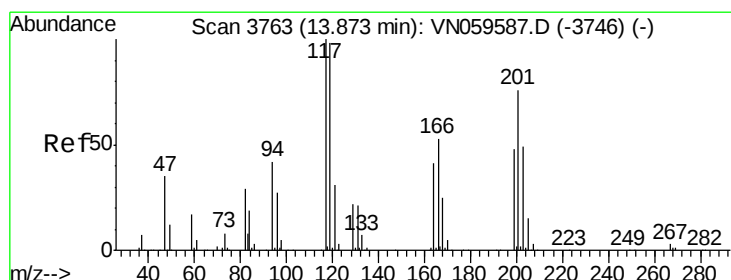
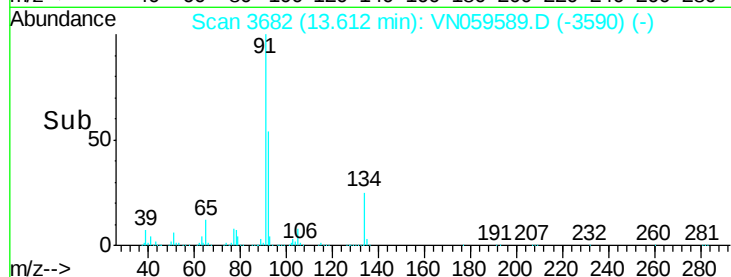
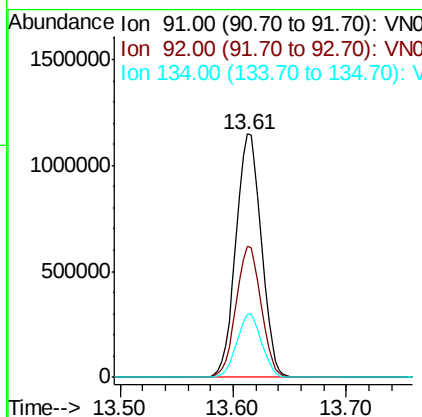
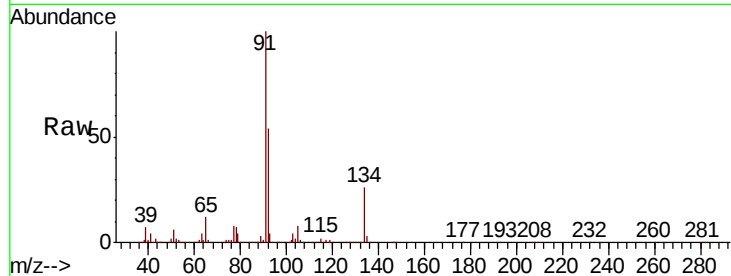
#89
n-Butylbenzene
Concen: 142.783 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.9	77.7
134	25.3	12.3	36.8

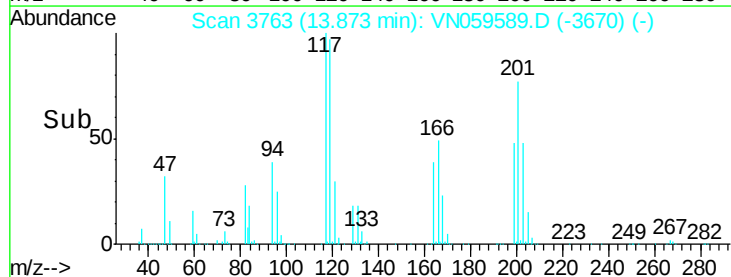
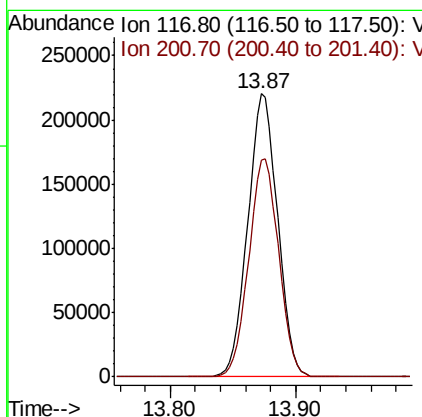
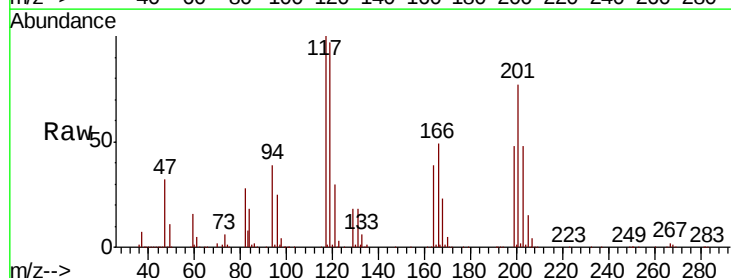
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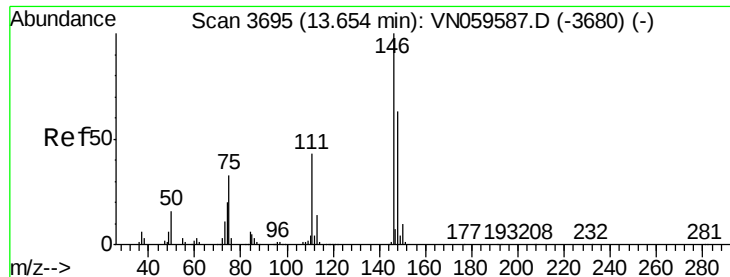
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#90
Hexachloroethane
Concen: 147.425 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 141.974 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Instrument :

MSVOA_N

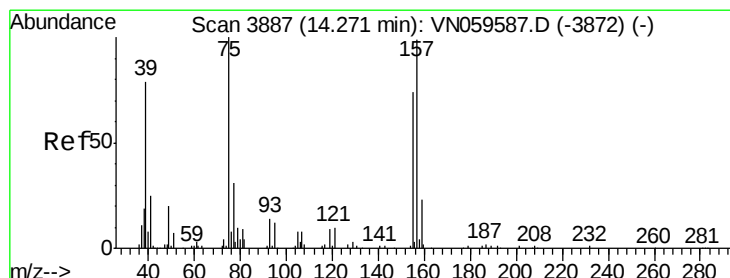
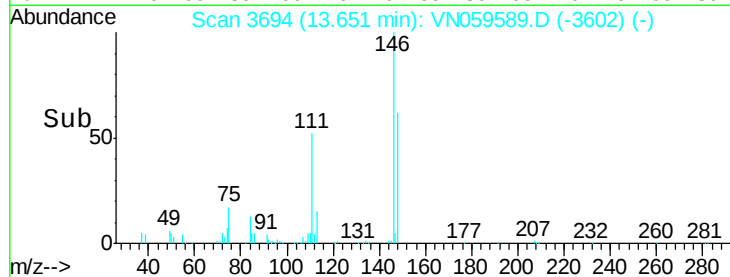
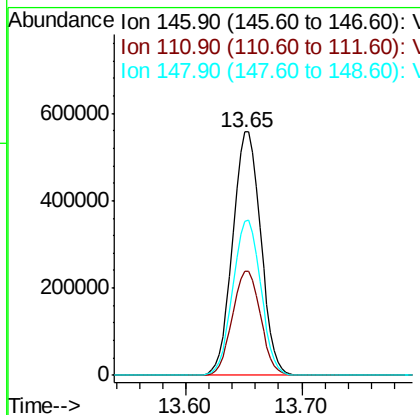
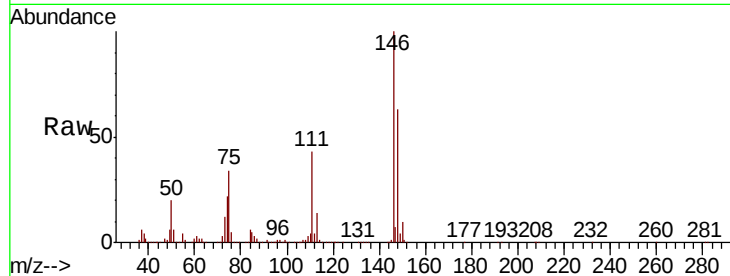
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	935584
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.6	64.8
148	63.7	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 138.570 ug/l

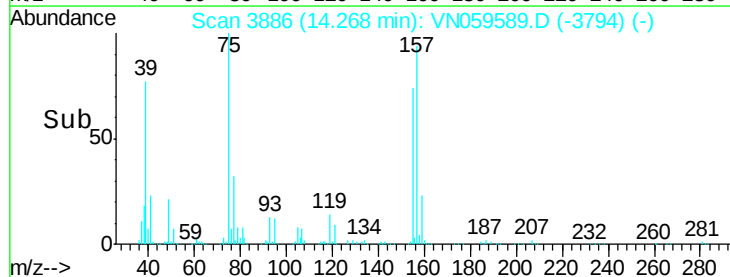
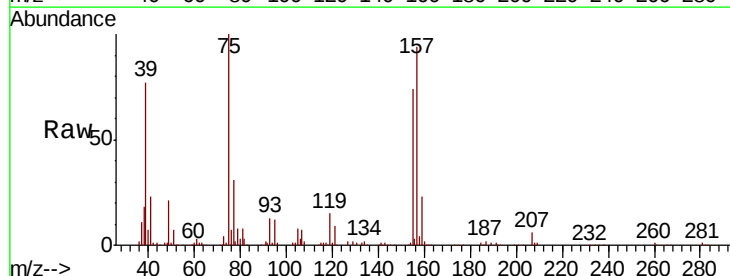
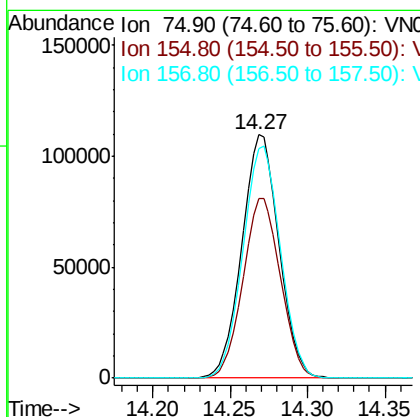
RT: 14.27 min Scan# 3886

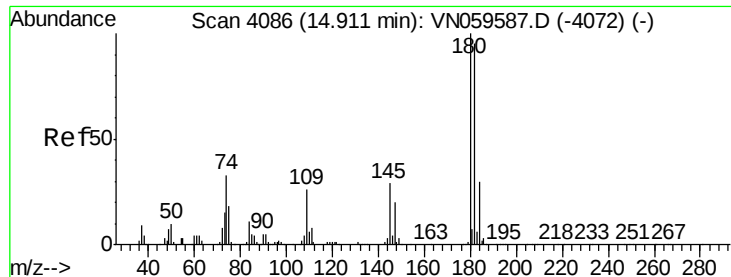
Delta R.T. -0.00 min

Lab File: VN059589.D

Acq: 13 Dec 2019 17:28

Tgt Ion:	75	Resp:	182504
Ion Ratio	Lower	Upper	
75	100		
155	75.0	37.0	110.9
157	96.7	48.4	145.2





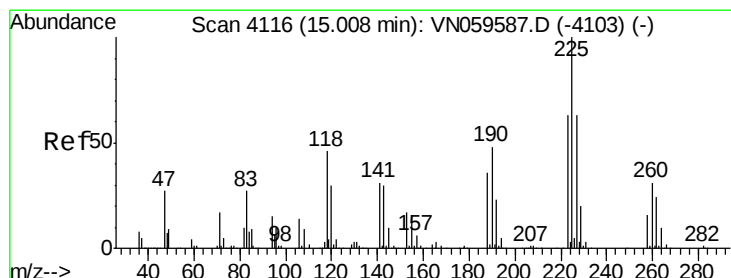
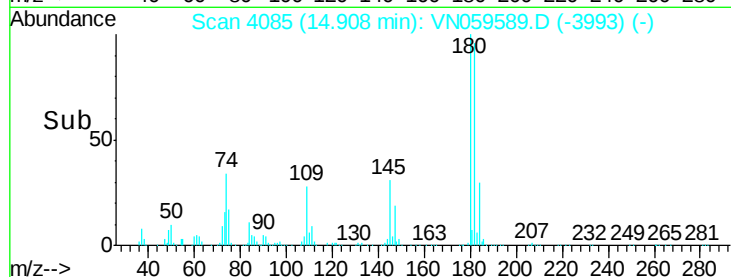
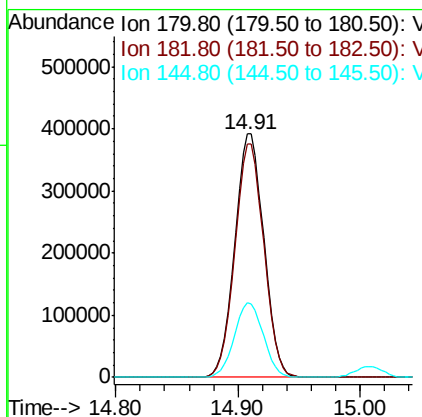
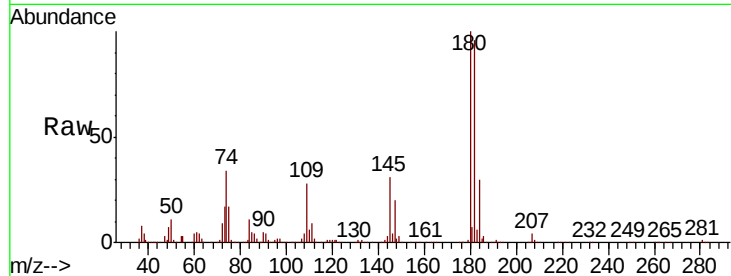
#93
 1,2,4-Trichlorobenzene
 Concen: 143.820 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	644673		
182	95.6	46.9	140.7	
145	30.7	15.0	45.1	

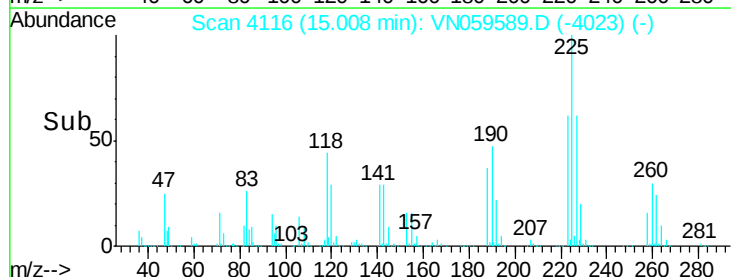
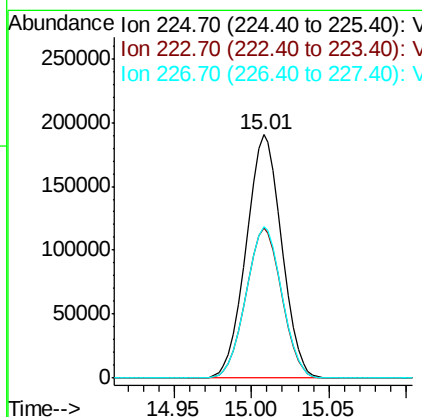
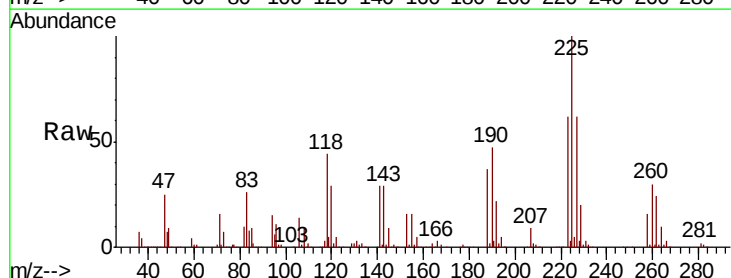
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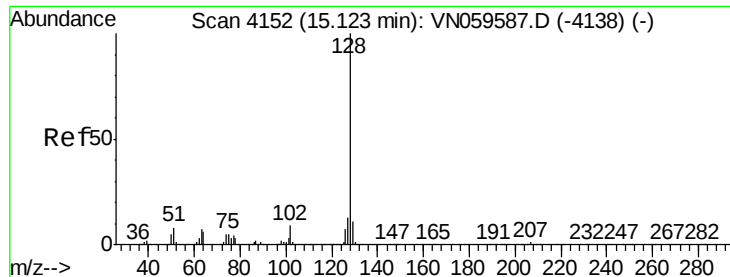
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#94
 Hexachlorobutadiene
 Concen: 134.448 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059589.D
 Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	304256		
223	62.3	31.8	95.3	
227	62.9	32.1	96.5	





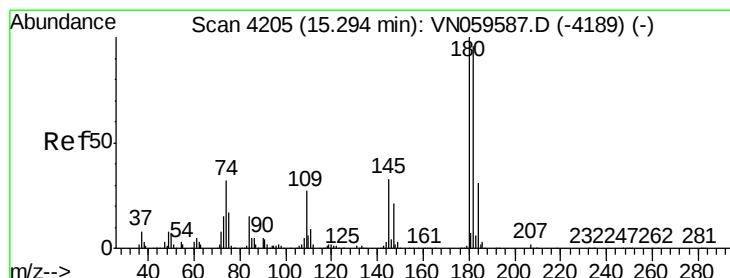
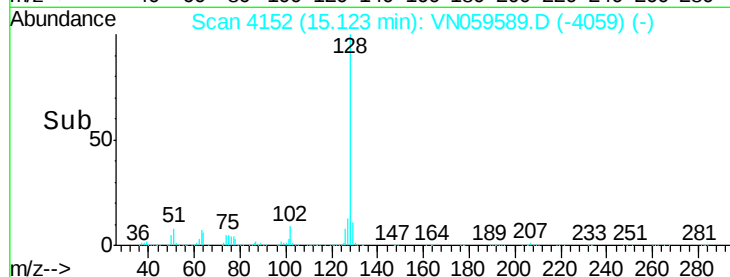
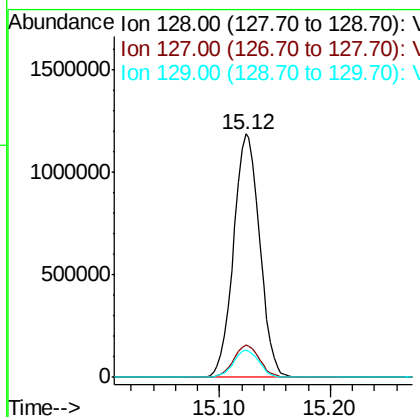
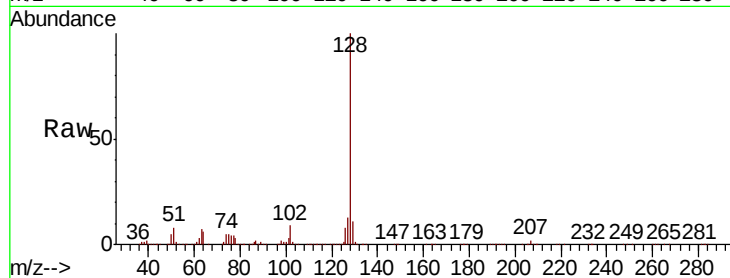
#95
Naphthalene
Concen: 147.047 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. 0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 134.755 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059589.D
Acq: 13 Dec 2019 17:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.3
145	32.3	16.3	48.9

