

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070150.D
 Acq On : 16 Dec 2021 20:31
 Operator : JC/MD
 Sample : M5131-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 17 01:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	910482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1546136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1410873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	539572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	794210	56.496	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.000%	
35) Dibromofluoromethane	8.024	113	503894	52.030	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.060%	
50) Toluene-d8	10.443	98	2027039	52.126	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.733	95	711017	50.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.940%	

Target Compounds					Qvalue	
3) Chloromethane	2.303	50	3020	0.227	ug/l	98
8) Diethyl Ether	3.818	74	17848	2.886	ug/l #	3
11) Tert butyl alcohol	5.387	59	12550455	4723.053	ug/l	99
13) Acrolein	4.038	56	2490	1.100	ug/l #	54
14) Allyl chloride	4.792	41	94245	4.823	ug/l #	28
15) Acrylonitrile	5.387	53	128575	17.956	ug/l #	19
16) Acetone	4.288	43	8578443	1014.428	ug/l	97
17) Carbon Disulfide	4.524	76	119671	5.341	ug/l	100
18) Methyl Acetate	4.596	43	120250	4.711	ug/l #	51
19) Methyl tert-butyl Ether	5.623	73	91411	2.711	ug/l #	89
20) Methylene Chloride	5.100	84	3301	0.294	ug/l #	72
22) Diisopropyl ether	6.594	45	23424	0.613	ug/l #	1
23) Vinyl Acetate	6.592	43	61448	1.977	ug/l #	72
25) 2-Butanone	7.337	43	16019478	1394.229	ug/l	91
26) 2,2-Dichloropropane	7.329	77	667307	43.376	ug/l #	52
27) cis-1,2-Dichloroethene	7.329	96	5593	0.491	ug/l #	1
28) Bromochloromethane	7.664	49	4233	0.411	ug/l #	9
29) Tetrahydrofuran	7.689	42	2812595	403.129	ug/l	88
30) Chloroform	7.820	83	5557	0.278	ug/l	88
31) Cyclohexane	8.086	56	25014	1.279	ug/l #	36
36) 1,1-Dichloropropene	8.086	75	86719	5.892	ug/l #	48
37) Ethyl Acetate	7.337	43	16019478	731.250	ug/l #	73
38) Carbon Tetrachloride	8.086	117	91738	6.356	ug/l #	17
40) Benzene	8.458	78	104550	2.324	ug/l	100
41) Methacrylonitrile	7.689	41	1812024	176.202	ug/l #	37
42) 1,2-Dichloroethane	8.525	62	21847	1.203	ug/l	88
43) Isopropyl Acetate	8.536	43	83597	2.579	ug/l #	75
48) Methyl methacrylate	9.555	41	11846	0.783	ug/l #	11
49) 1,4-Dioxane	9.574	88	33292	122.640	ug/l #	50
51) 4-Methyl-2-Pentanone	10.333	43	538283	25.595	ug/l	93
52) Toluene	10.507	92	145031	5.280	ug/l	98
53) t-1,3-Dichloropropene	10.674	75	14286	3.542	ug/l #	69
54) cis-1,3-Dichloropropene	10.191	75	385	2.018	ug/l #	1
55) 1,1,2-Trichloroethane	10.805	97	4488	0.405	ug/l #	36
56) Ethyl methacrylate	10.767	69	447	2.300	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.030	63	363	18.448	ug/l	94

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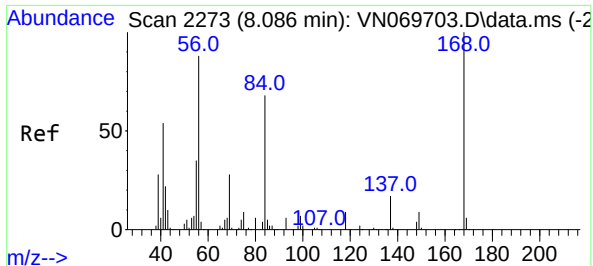
Instrument :
 MSVOA_N
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

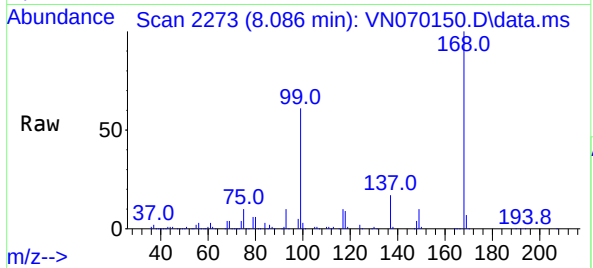
59) 2-Hexanone	11.060	43	658645	41.400	ug/l #	25
60) Dibromochloromethane	11.170	129	517	2.418	ug/l #	11
65) Chlorobenzene	11.771	112	38996	1.362	ug/l	94
67) Ethyl Benzene	11.846	91	212392	4.085	ug/l	96
68) m/p-Xylenes	11.950	106	106376	5.619	ug/l	92
69) o-Xylene	12.280	106	67459	3.538	ug/l	90
70) Styrene	12.296	104	32065	1.060	ug/l #	72
71) Bromoform	12.715	173	437	2.779	ug/l #	29
73) Isopropylbenzene	12.581	105	39898	0.831	ug/l	98
74) N-amyl acetate	12.353	43	248646	11.712	ug/l #	48
76) 1,2,3-Trichloropropane	12.731	75	393272	25.416	ug/l #	1
78) n-propylbenzene	12.924	91	35964	0.673	ug/l	97
79) 2-Chlorotoluene	13.004	91	11100	0.329	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	19016	0.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.731	75	393272	80.487	ug/l #	5
82) 4-Chlorotoluene	13.004	91	10389	0.327	ug/l	92
83) tert-Butylbenzene	13.369	119	13891	0.406	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.369	105	88659	2.409	ug/l	100
86) p-Isopropyltoluene	13.618	119	84558	2.331	ug/l	91
87) 1,3-Dichlorobenzene	13.696	146	54138	2.922	ug/l	87
88) 1,4-Dichlorobenzene	13.696	146	54138	2.974	ug/l	87
90) Hexachloroethane	14.219	117	3317	0.521	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.613	75	1034	0.345	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.268	180	2058	3.097	ug/l	86
95) Naphthalene	15.507	128	1077933	41.606	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	585	2.500	ug/l #	1

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

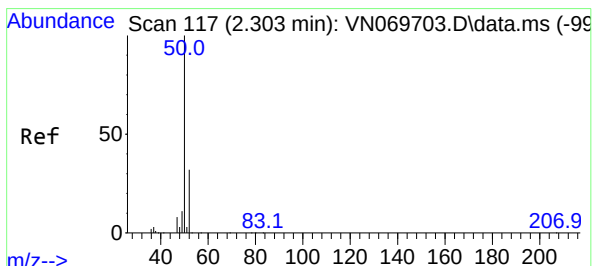
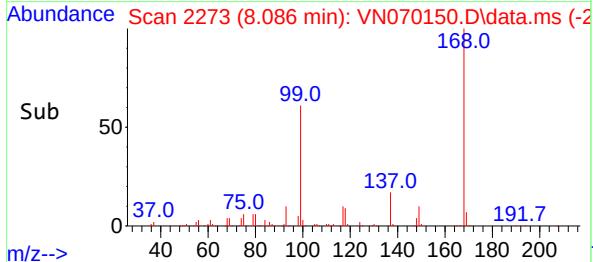
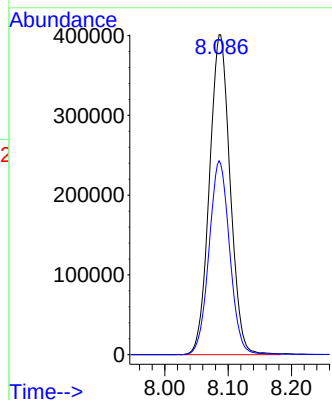


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
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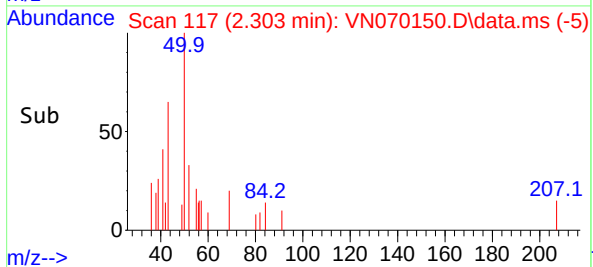
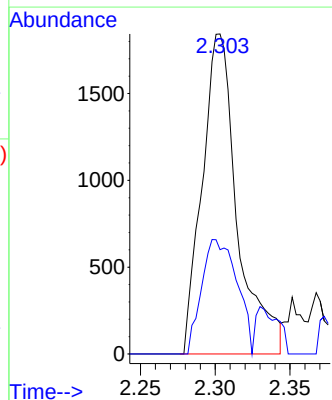
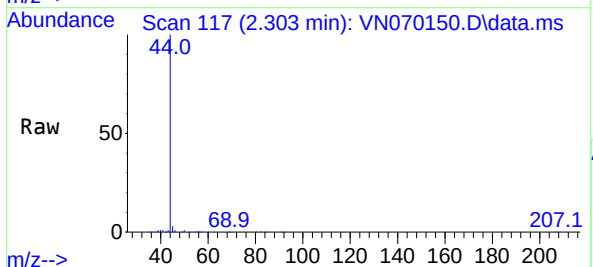


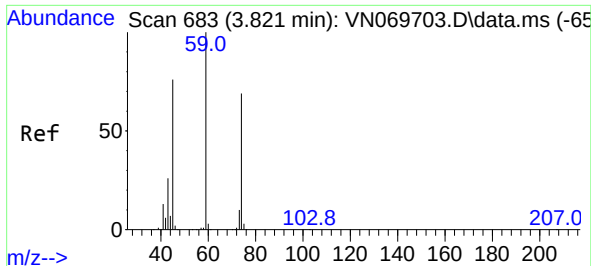
Tgt Ion:168 Resp: 910482
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#3
Chloromethane
Concen: 0.227 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

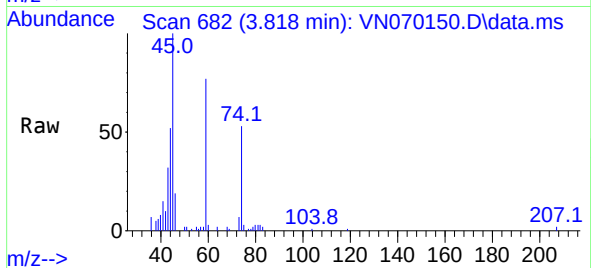
Tgt Ion: 50 Resp: 3020
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0



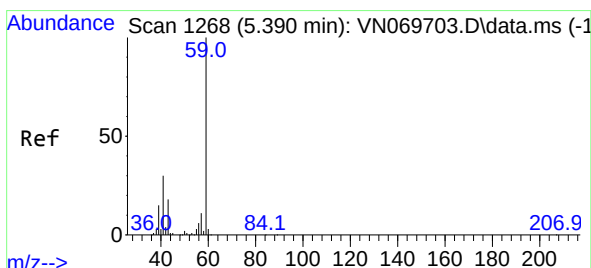
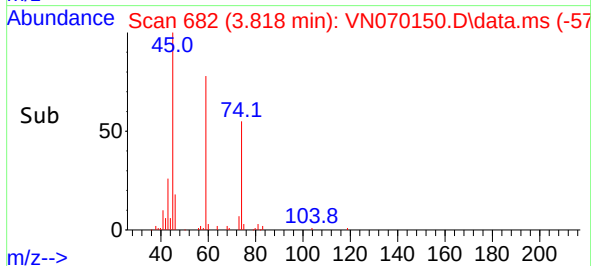
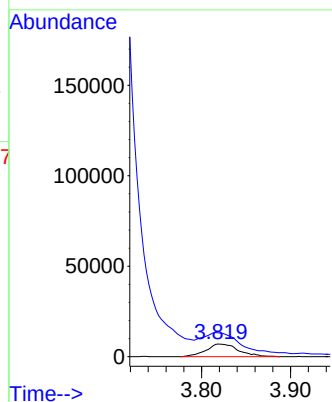


#8
Diethyl Ether
Concen: 2.886 ug/l
RT: 3.818 min Scan# 61
Delta R.T. -0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

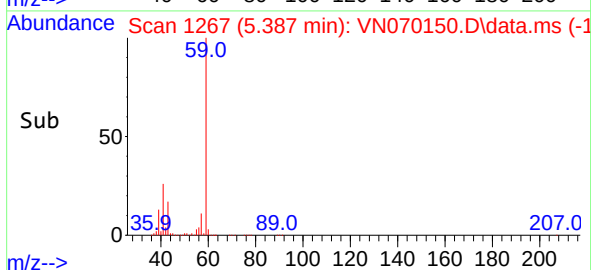
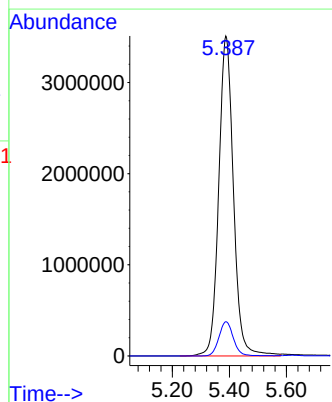
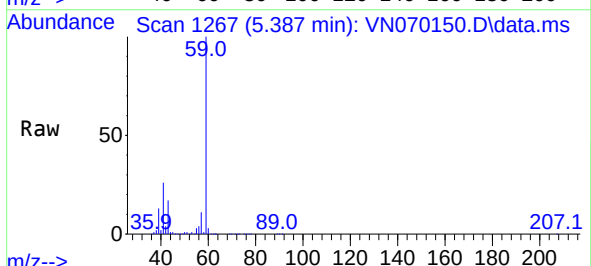


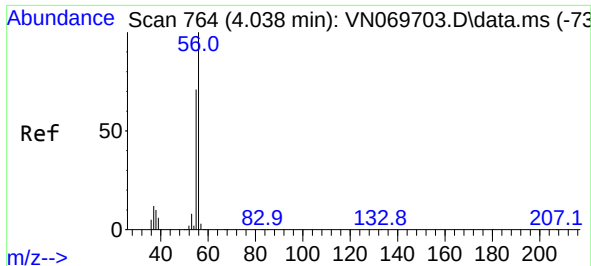
Tgt Ion: 74 Resp: 17848
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#



#11
Tert butyl alcohol
Concen: 4723.053 ug/l
RT: 5.387 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

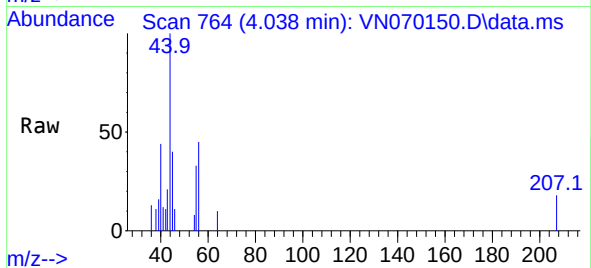
Tgt Ion: 59 Resp:12550455
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



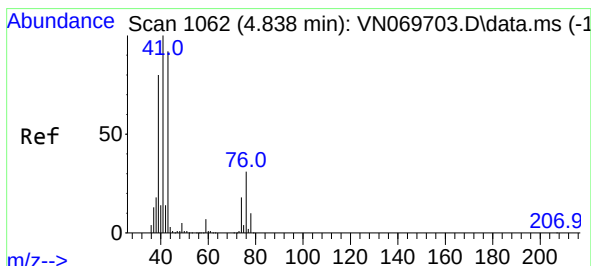
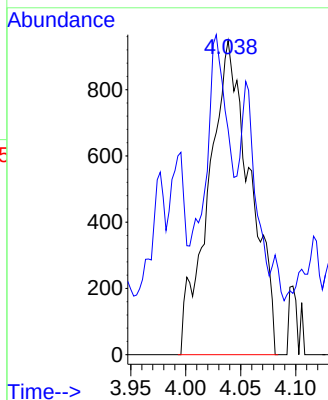
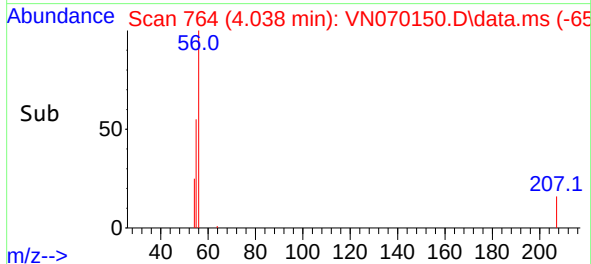


#13
Acrolein
Concen: 1.100 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

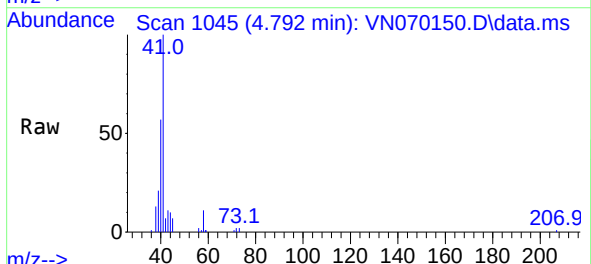
Instrument :
MSVOA_N
ClientSampleId :



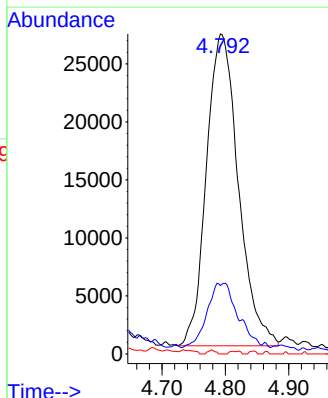
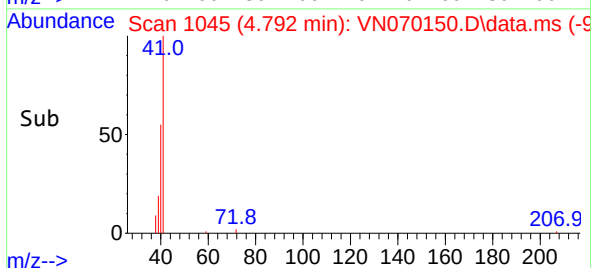
Tgt Ion: 56 Resp: 2490
Ion Ratio Lower Upper
56 100
55 32.5 56.6 85.0#

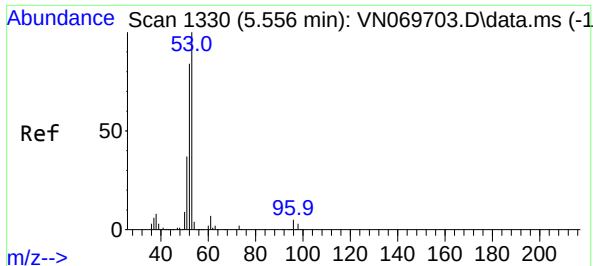


#14
Allyl chloride
Concen: 4.823 ug/l
RT: 4.792 min Scan# 1045
Delta R.T. -0.046 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31



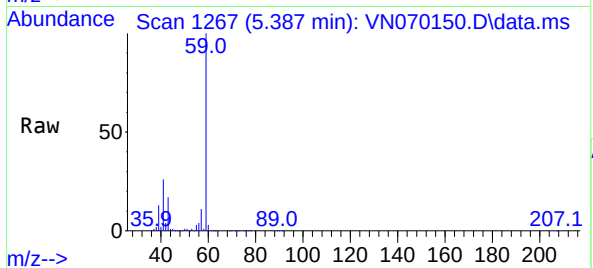
Tgt Ion: 41 Resp: 94245
Ion Ratio Lower Upper
41 100
39 8.9 61.2 91.8#
76 0.0 26.0 39.0#



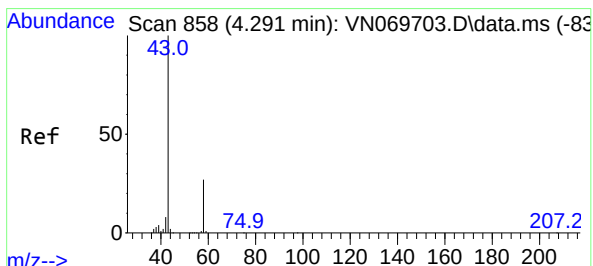
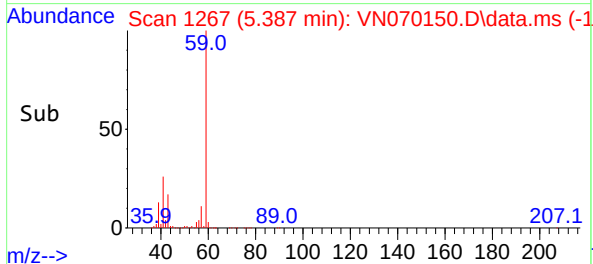
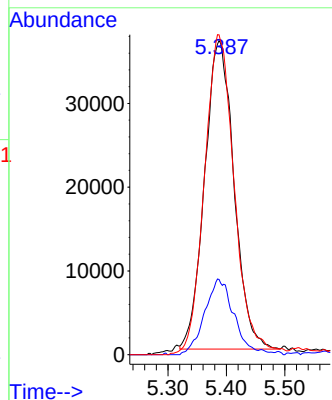


#15
Acrylonitrile
Concen: 17.956 ug/l
RT: 5.387 min Scan# 11
Delta R.T. -0.169 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

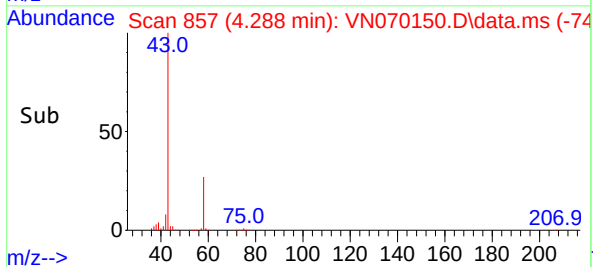
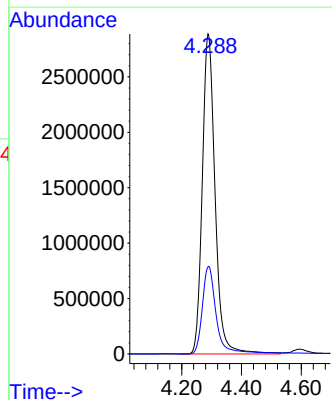
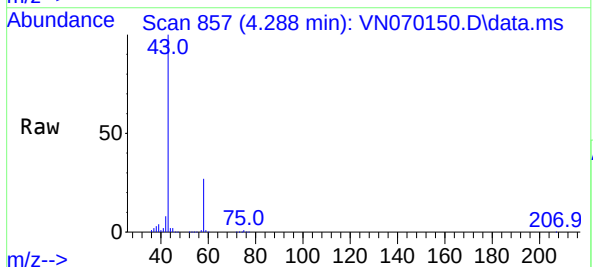


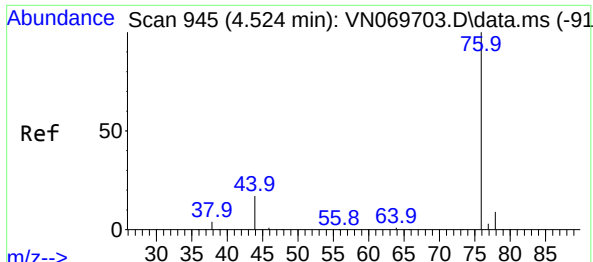
Tgt Ion: 53 Resp: 128575
Ion Ratio Lower Upper
53 100
52 24.1 66.2 99.2#
51 106.2 29.6 44.4#



#16
Acetone
Concen: 1014.428 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

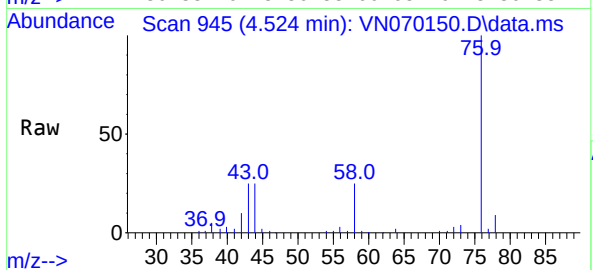
Tgt Ion: 43 Resp: 8578443
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7



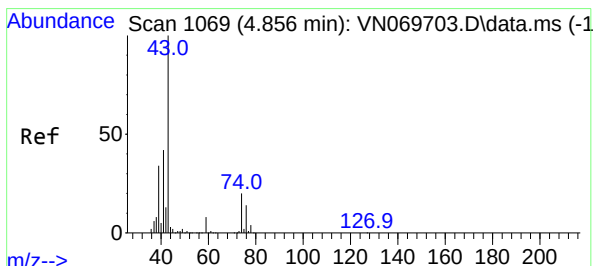
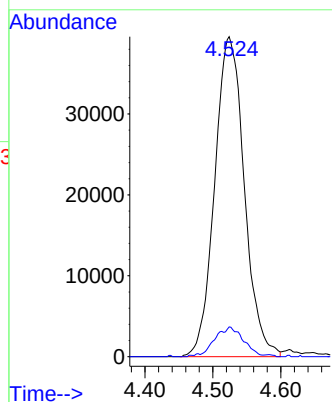
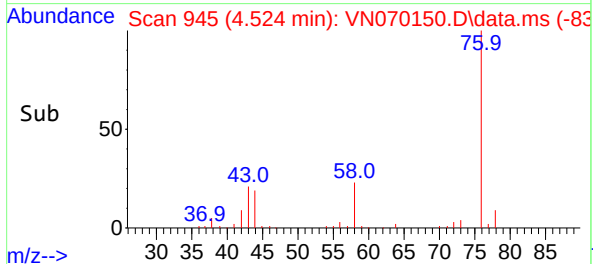


#17
Carbon Disulfide
Concen: 5.341 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
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ClientSampleId :

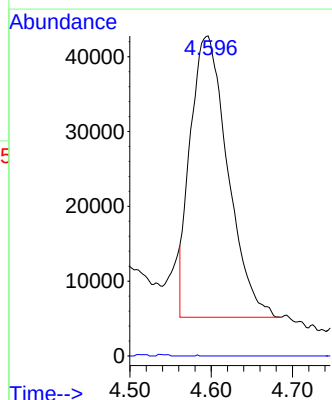
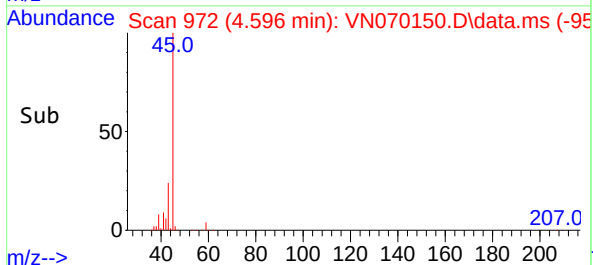
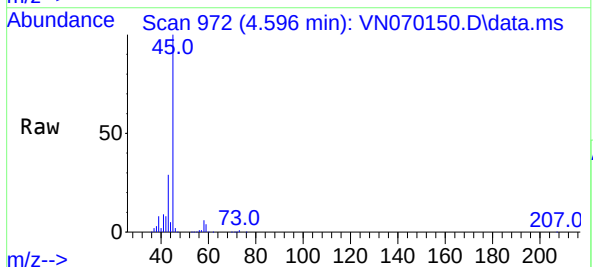


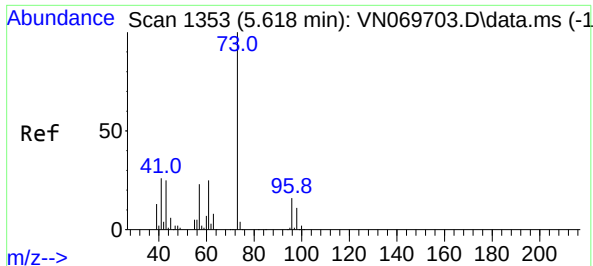
Tgt Ion: 76 Resp: 119671
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 4.711 ug/l
RT: 4.596 min Scan# 972
Delta R.T. -0.260 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 43 Resp: 120250
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 2.711 ug/l

RT: 5.623 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070150.D

Acq: 16 Dec 2021 20:31

Instrument :

MSVOA_N

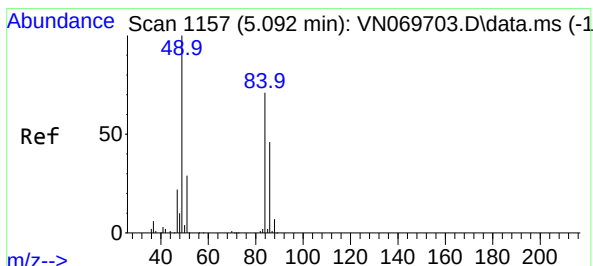
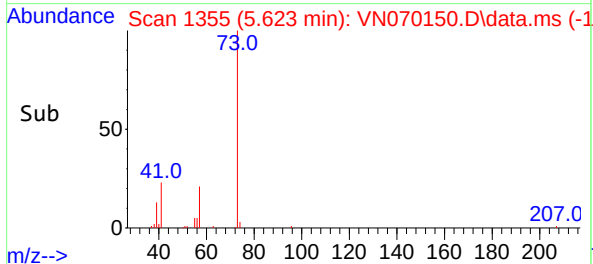
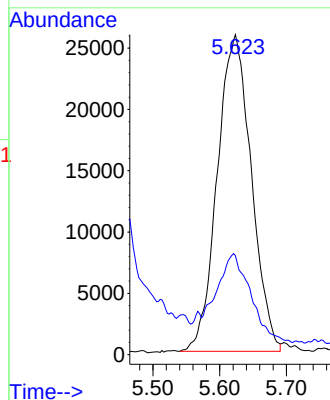
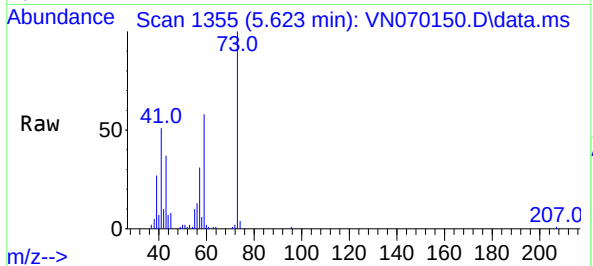
ClientSampleId :

Tgt Ion: 73 Resp: 91411

Ion Ratio Lower Upper

73 100

57 25.9 16.8 25.2#



#20

Methylene Chloride

Concen: 0.294 ug/l

RT: 5.100 min Scan# 1160

Delta R.T. 0.008 min

Lab File: VN070150.D

Acq: 16 Dec 2021 20:31

Tgt Ion: 84 Resp: 3301

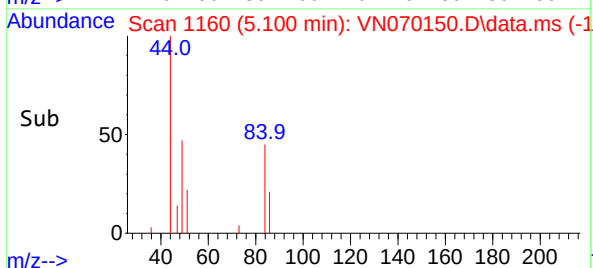
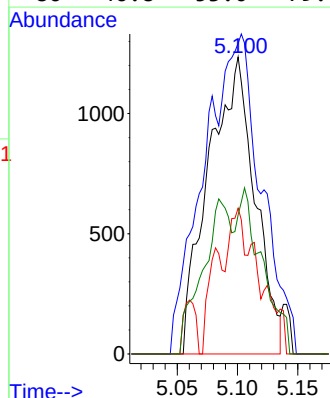
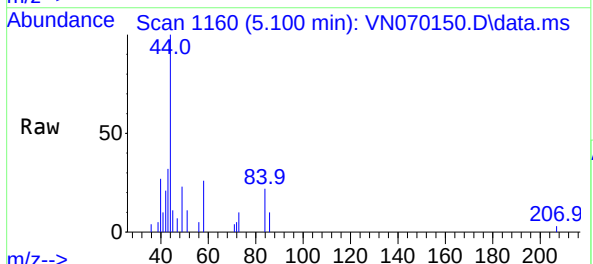
Ion Ratio Lower Upper

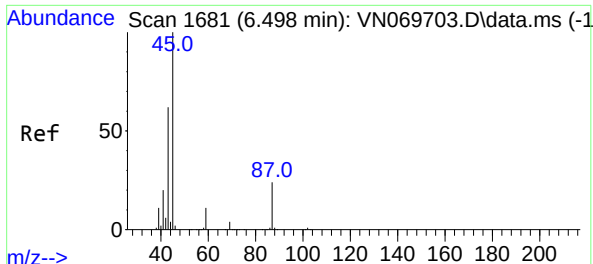
84 100

49 82.3 93.5 140.3#

51 49.1 29.4 44.2#

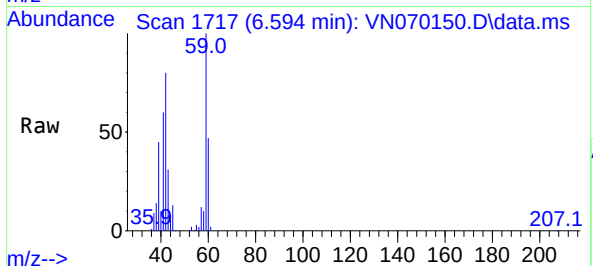
86 46.8 53.0 79.4#



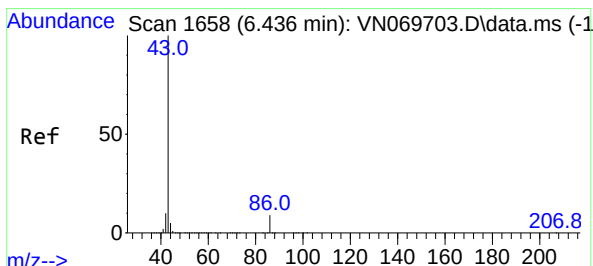
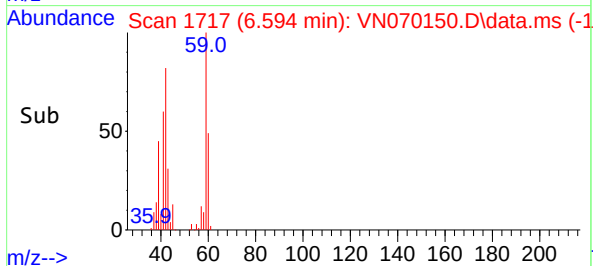
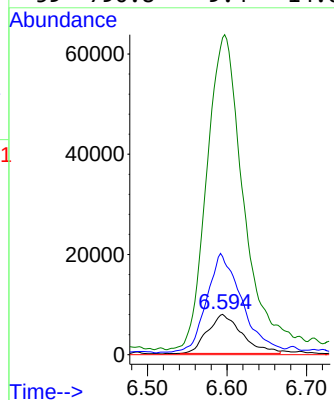


#22
Diisopropyl ether
Concen: 0.613 ug/l
RT: 6.594 min Scan# 1717
Delta R.T. 0.097 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

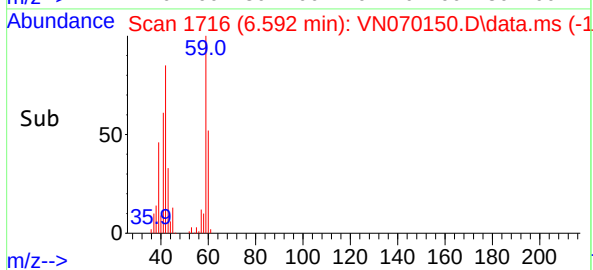
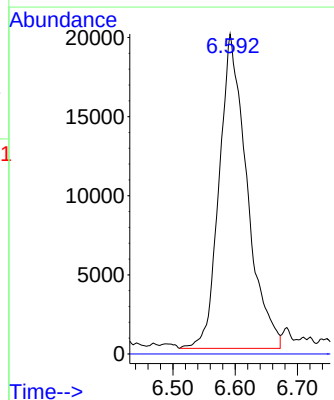
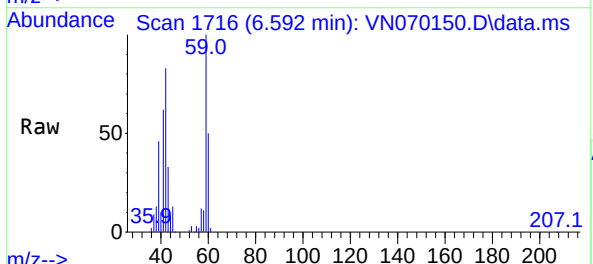


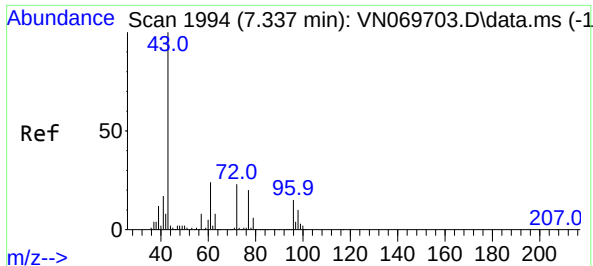
Tgt Ion: 45	Resp: 23424
Ion Ratio	Lower Upper
45	100
43	239.5 51.7 77.5#
87	0.0 23.2 34.8#
59	790.8 9.4 14.0#



#23
Vinyl Acetate
Concen: 1.977 ug/l
RT: 6.592 min Scan# 1716
Delta R.T. 0.156 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 43	Resp: 61448
Ion Ratio	Lower Upper
43	100
86	0.0 8.5 12.7#





#25

2-Butanone

Concen: 1394.229 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070150.D

Acq: 16 Dec 2021 20:31

Instrument :

MSVOA_N

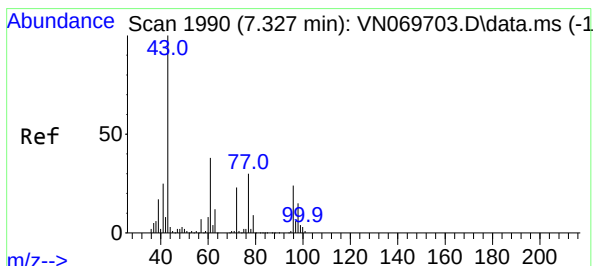
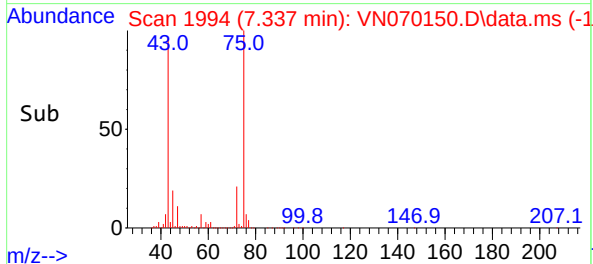
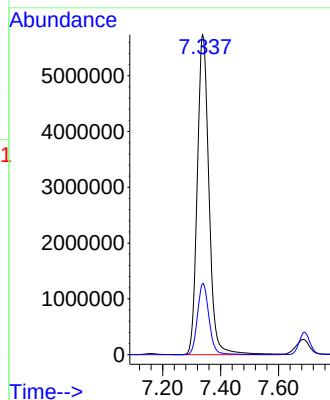
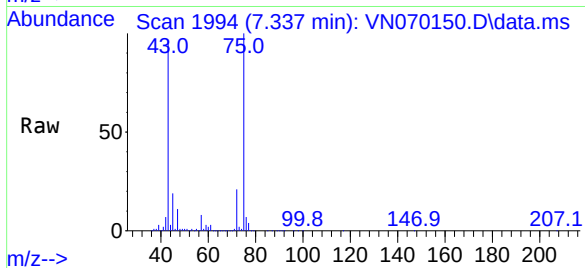
ClientSampleId :

Tgt Ion: 43 Resp:16019478

Ion Ratio Lower Upper

43 100

72 22.2 21.7 32.5



#26

2,2-Dichloropropane

Concen: 43.376 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.003 min

Lab File: VN070150.D

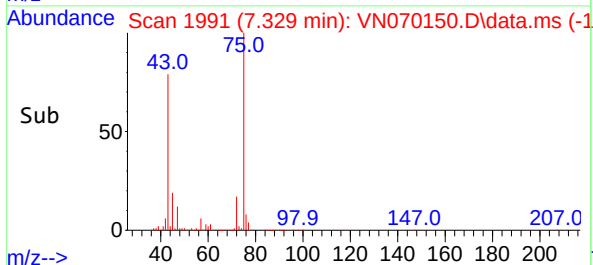
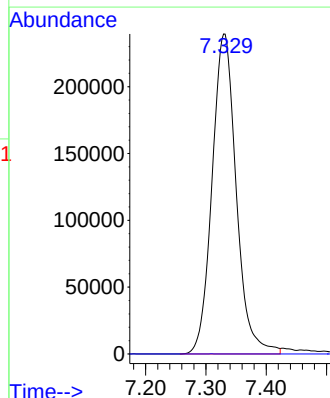
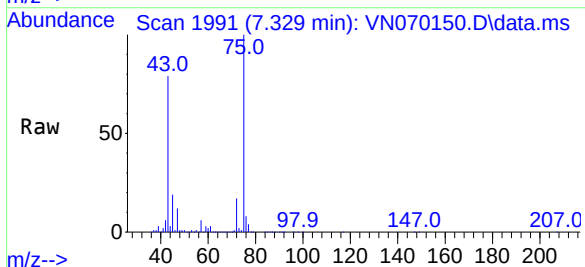
Acq: 16 Dec 2021 20:31

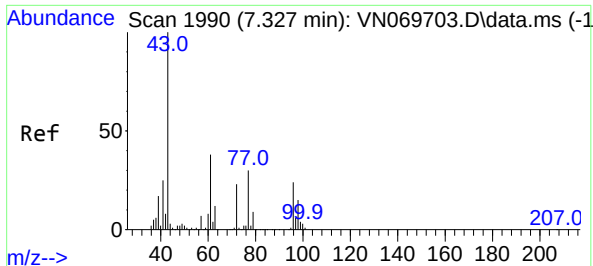
Tgt Ion: 77 Resp: 667307

Ion Ratio Lower Upper

77 100

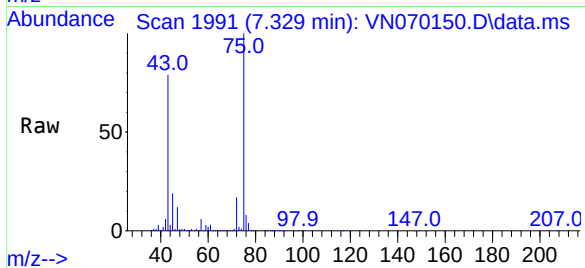
97 0.0 11.6 34.8#



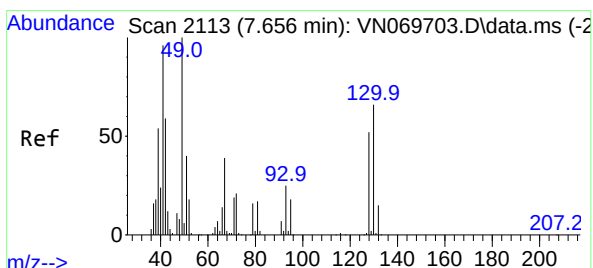
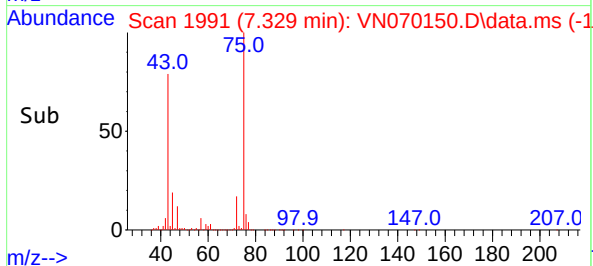
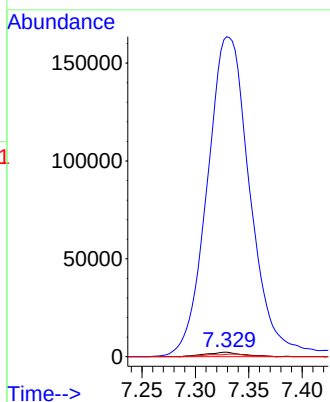


#27
 cis-1,2-Dichloroethene
 Concen: 0.491 ug/l
 RT: 7.329 min Scan# 1991
 Delta R.T. 0.003 min
 Lab File: VN070150.D
 Acq: 16 Dec 2021 20:31

Instrument :
 MSVOA_N
 ClientSampleId :

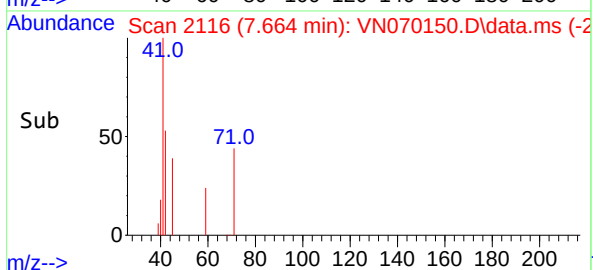
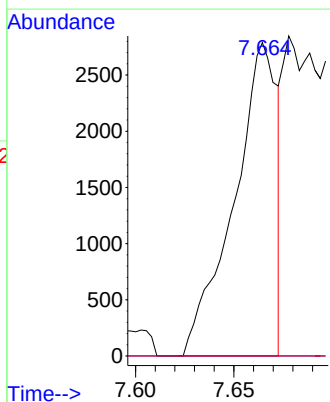
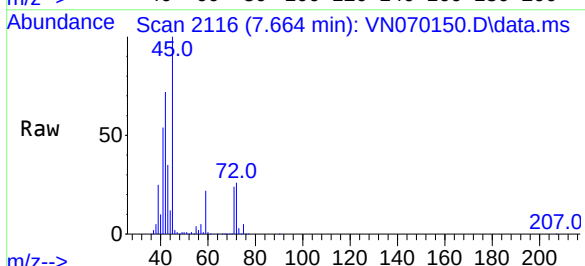


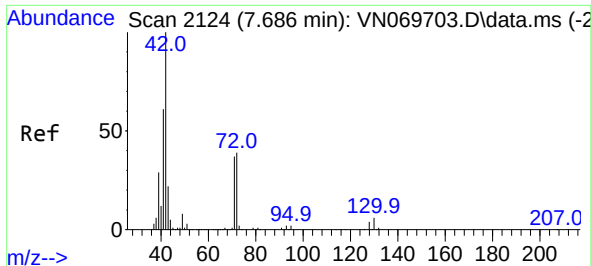
Tgt Ion: 96 Resp: 5593
 Ion Ratio Lower Upper
 96 100
 61 8188.2 0.0 275.0#
 98 38.1 0.0 129.6



#28
 Bromochloromethane
 Concen: 0.411 ug/l
 RT: 7.664 min Scan# 2116
 Delta R.T. 0.008 min
 Lab File: VN070150.D
 Acq: 16 Dec 2021 20:31

Tgt Ion: 49 Resp: 4233
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 0.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 403.129 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070150.D

Acq: 16 Dec 2021 20:31

Instrument :

MSVOA_N

ClientSampleId :

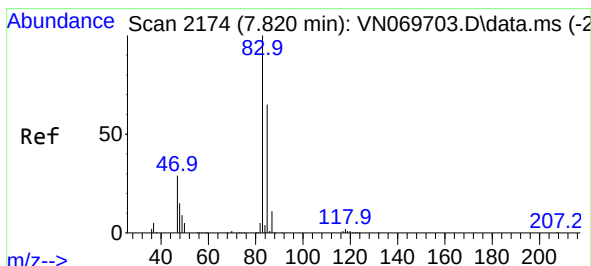
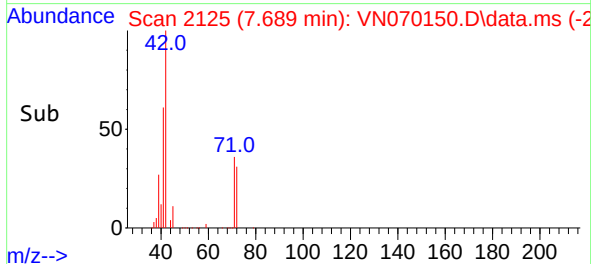
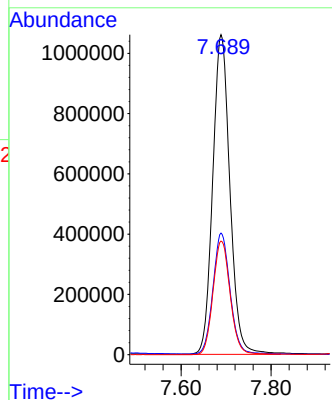
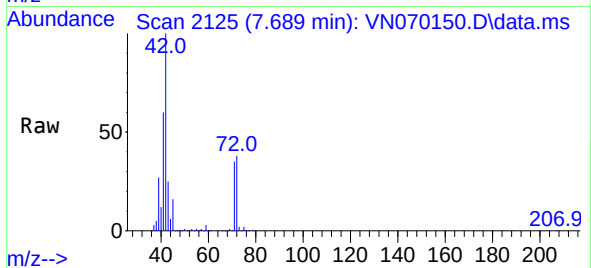
Tgt Ion: 42 Resp: 2812595

Ion Ratio Lower Upper

42 100

72 37.5 36.3 54.5

71 35.5 34.7 52.1



#30

Chloroform

Concen: 0.278 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN070150.D

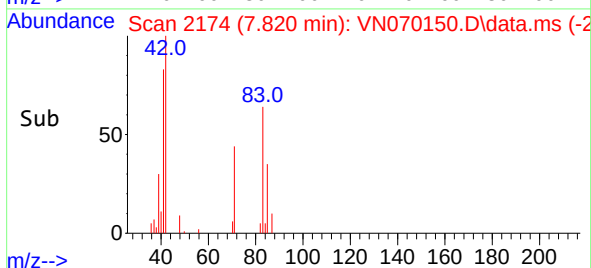
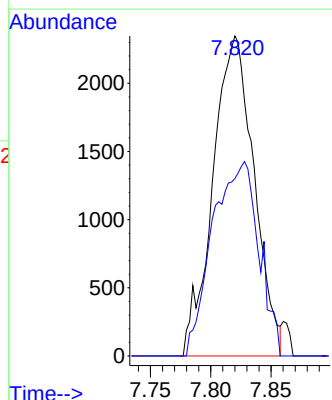
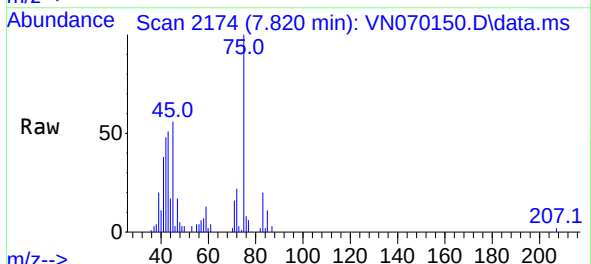
Acq: 16 Dec 2021 20:31

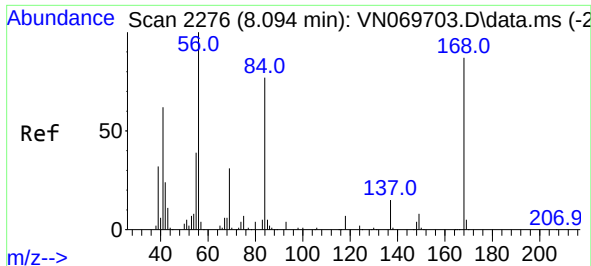
Tgt Ion: 83 Resp: 5557

Ion Ratio Lower Upper

83 100

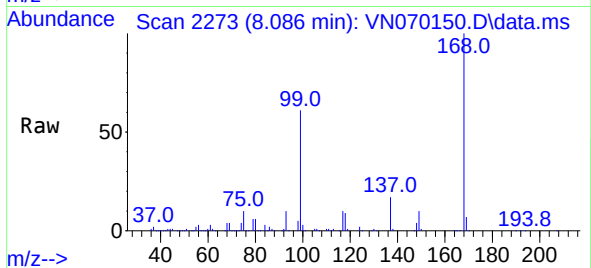
85 55.5 51.9 77.9



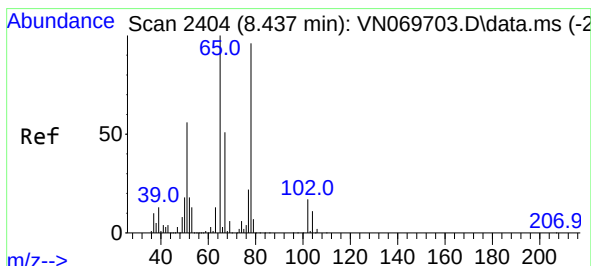
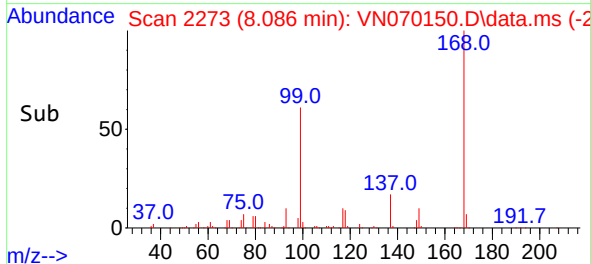
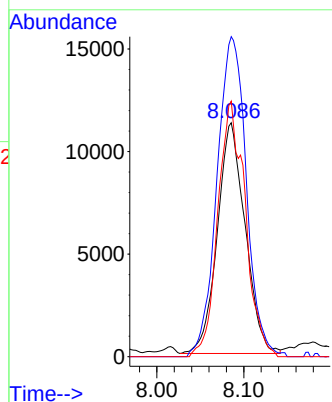


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

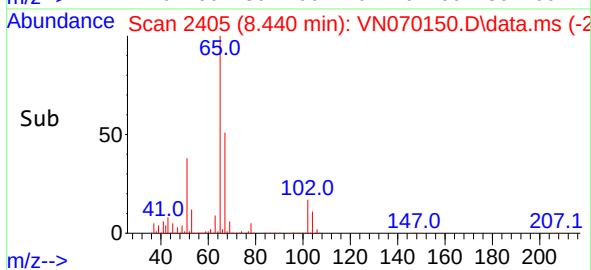
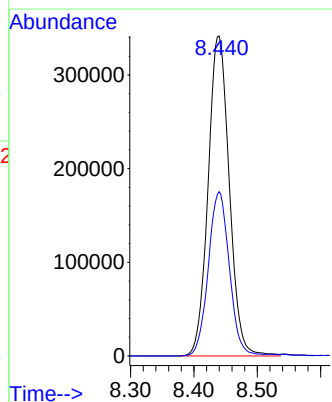
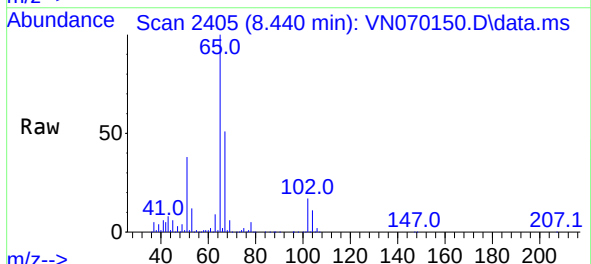


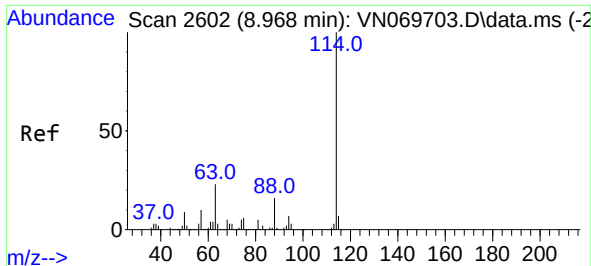
Tgt Ion: 56 Resp: 25014
Ion Ratio Lower Upper
56 100
69 138.7 27.1 40.7#
84 110.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 56.496 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

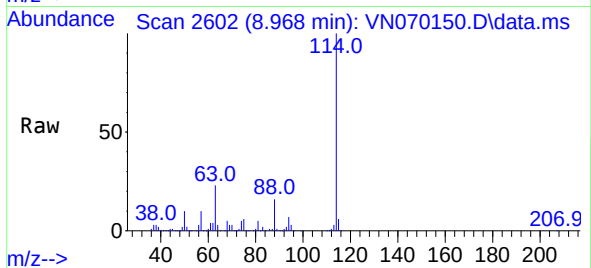
Tgt Ion: 65 Resp: 794210
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





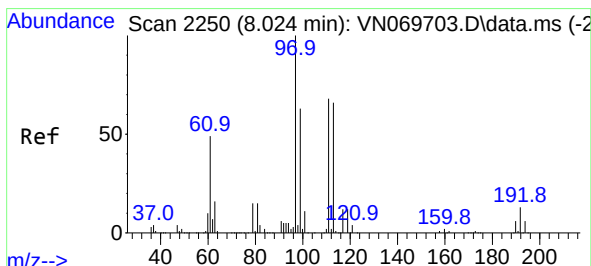
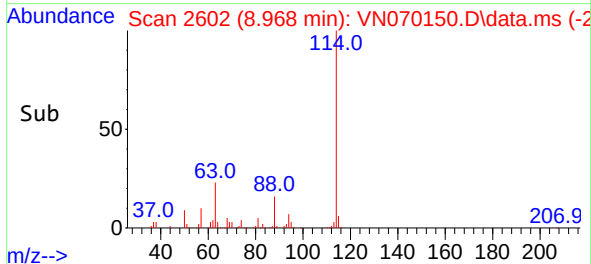
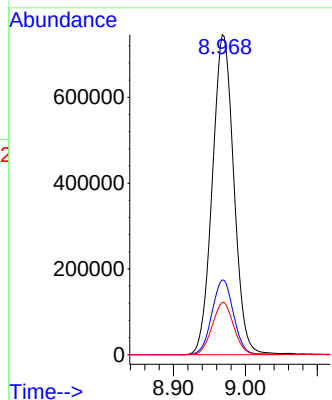
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 1546136

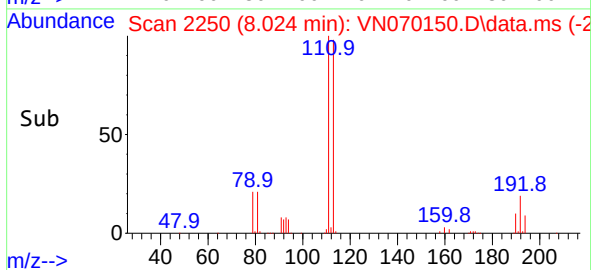
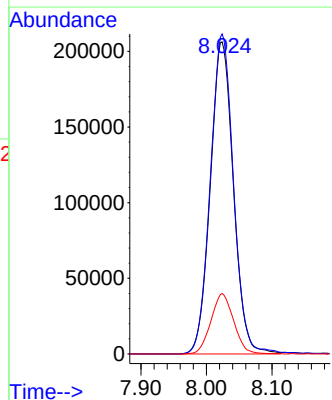
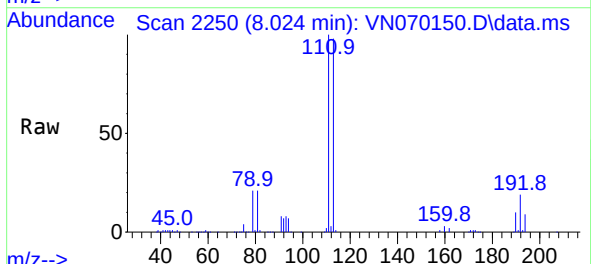
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	37.8
88	16.4	0.0	27.4

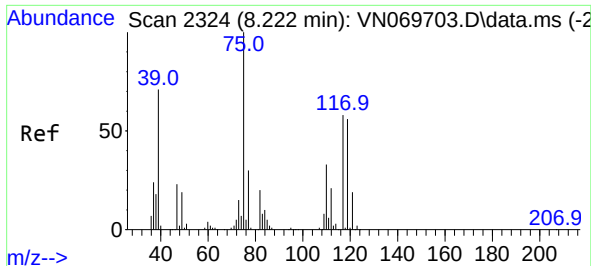


#35
Dibromofluoromethane
Concen: 52.030 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion:113 Resp: 503894

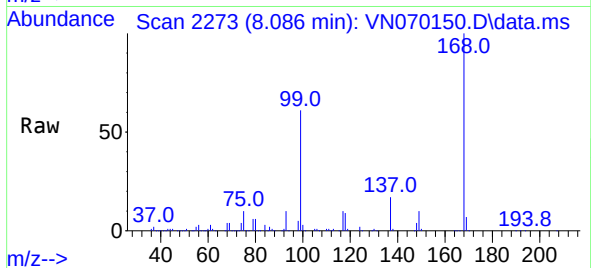
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	19.1	16.9	25.3



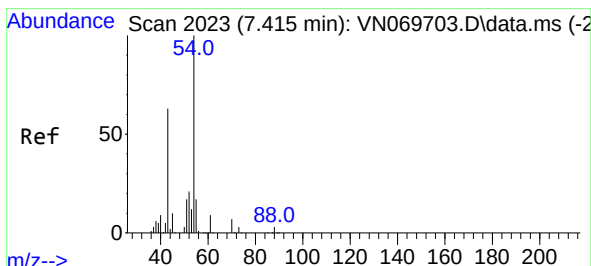
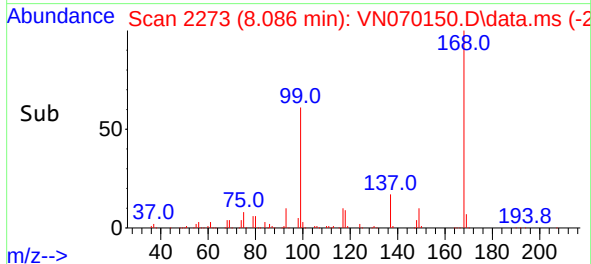
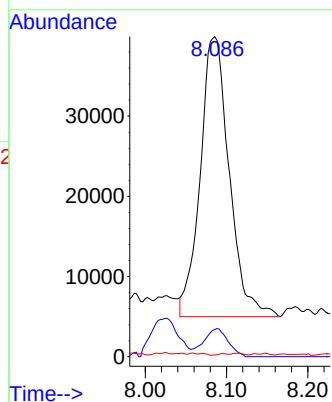


#36
1,1-Dichloropropene
Concen: 5.892 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

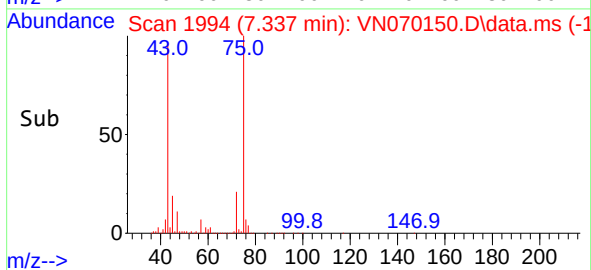
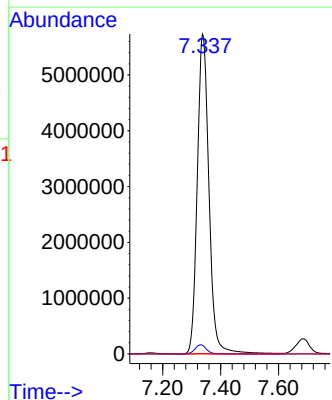
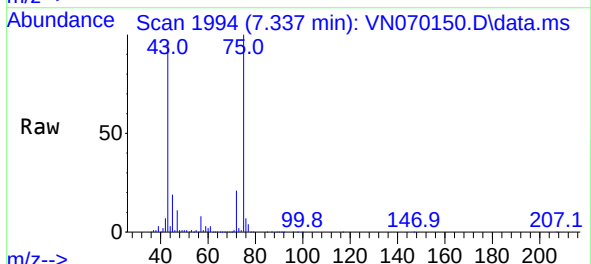


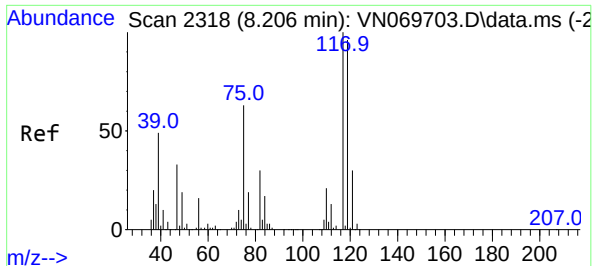
Tgt Ion: 75 Resp: 86719
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 731.250 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. -0.078 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

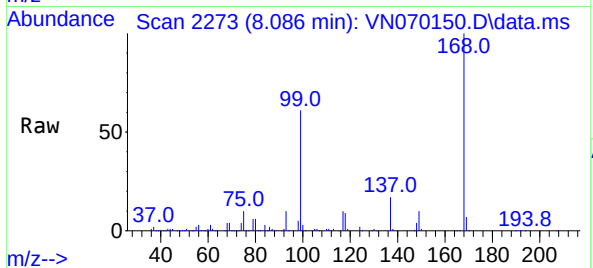
Tgt Ion: 43 Resp:16019478
Ion Ratio Lower Upper
43 100
61 2.9 11.5 17.3#
70 0.2 7.9 11.9#



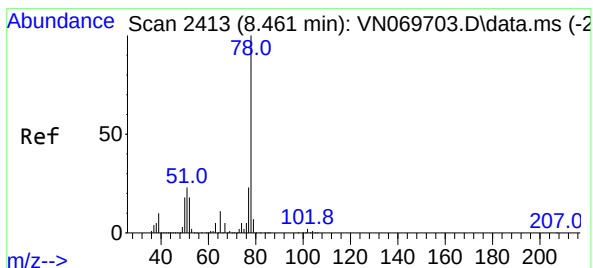
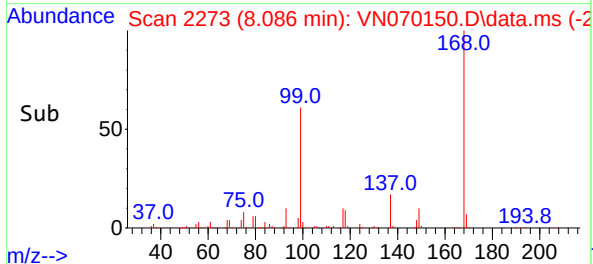
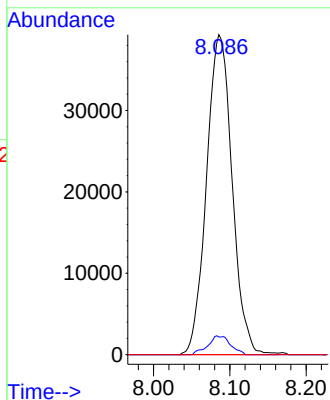


#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 8.086 min Scan# 2117
Delta R.T. -0.121 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

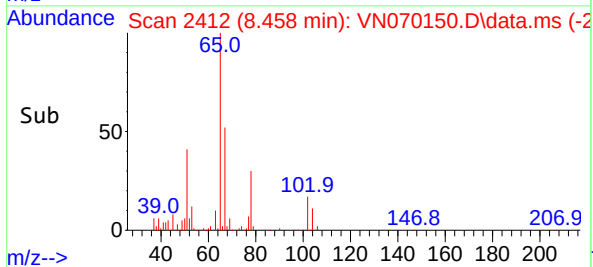
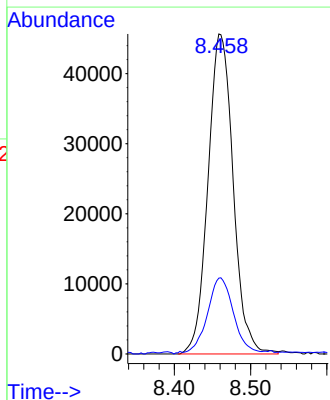
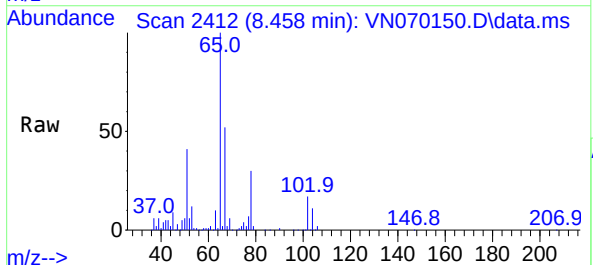


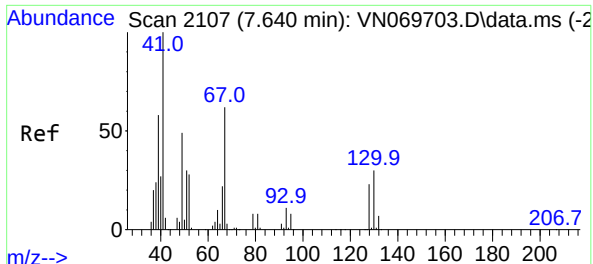
Tgt Ion:117 Resp: 91738
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 2.324 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

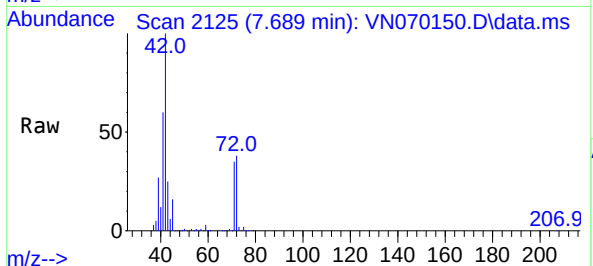
Tgt Ion: 78 Resp: 104550
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



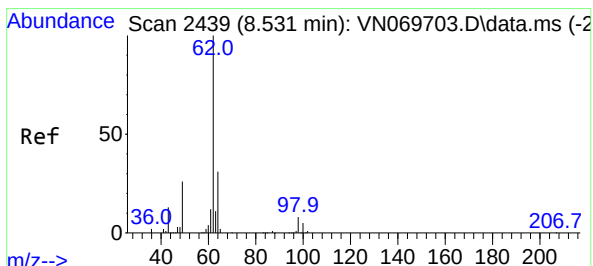
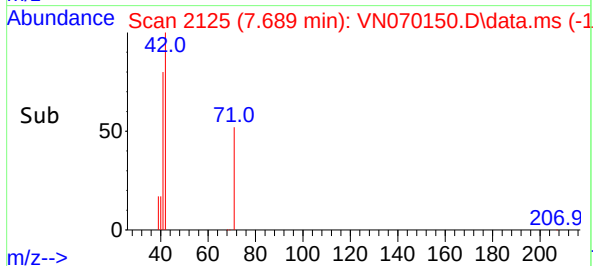
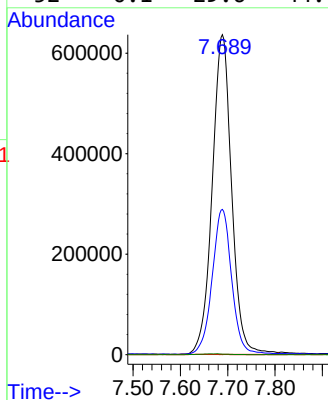


#41
Methacrylonitrile
Concen: 176.202 ug/l
RT: 7.689 min Scan# 2107
Delta R.T. 0.049 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

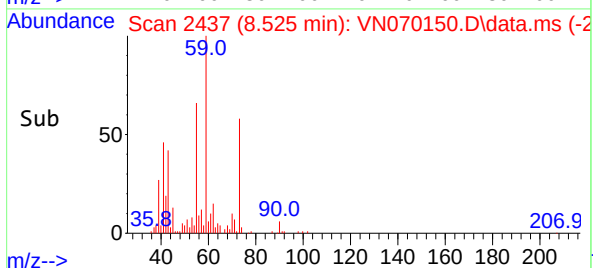
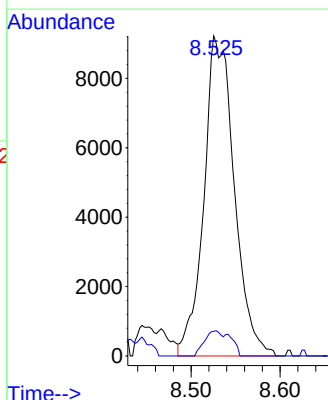
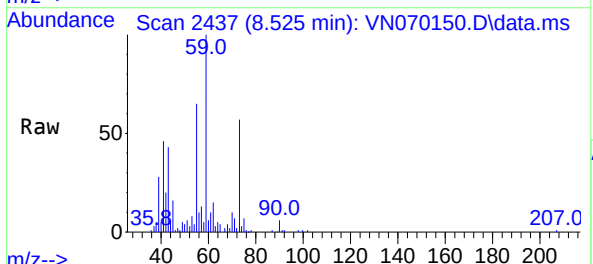


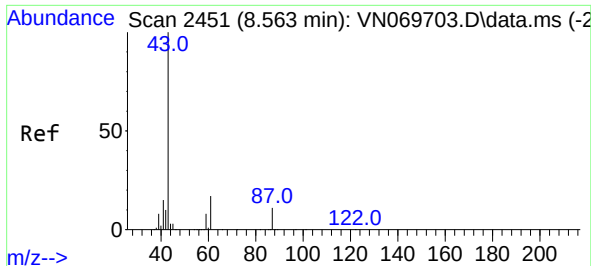
Tgt Ion: 41 Resp: 1812024
Ion Ratio Lower Upper
41 100
39 45.5 48.1 72.1#
67 0.0 68.3 102.5#
52 0.1 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 1.203 ug/l
RT: 8.525 min Scan# 2437
Delta R.T. -0.005 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 62 Resp: 21847
Ion Ratio Lower Upper
62 100
98 4.6 0.0 17.6

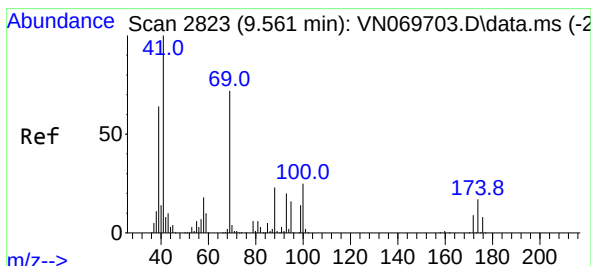
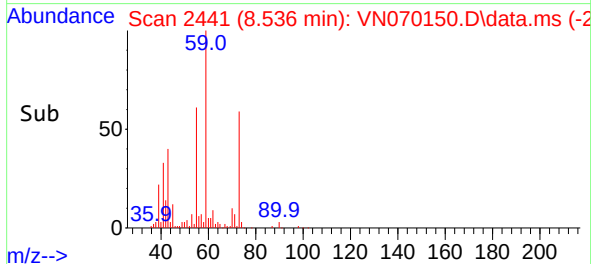
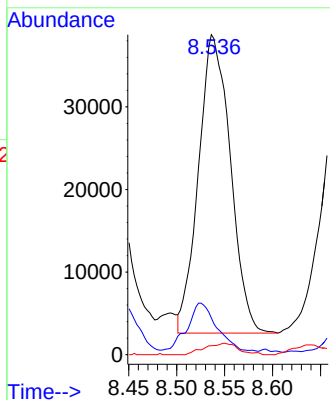
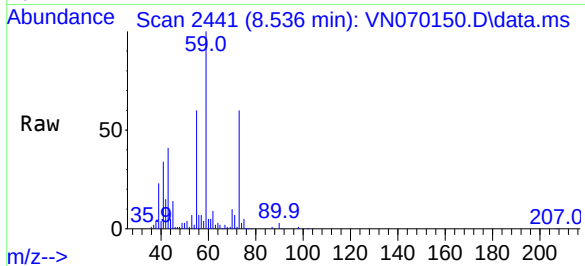




#43
Isopropyl Acetate
Concen: 2.579 ug/l
RT: 8.536 min Scan# 2441
Delta R.T. -0.027 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

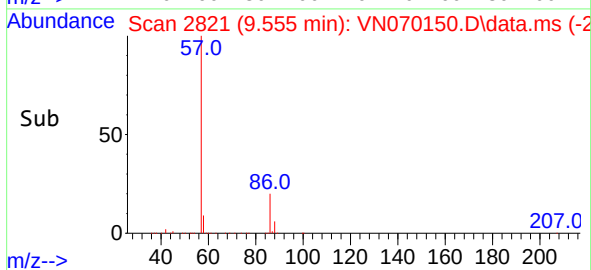
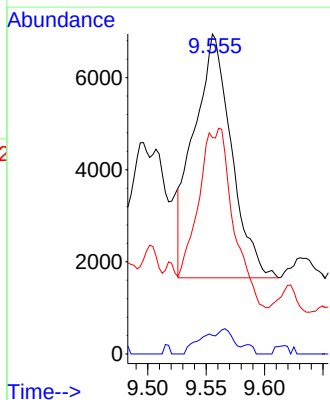
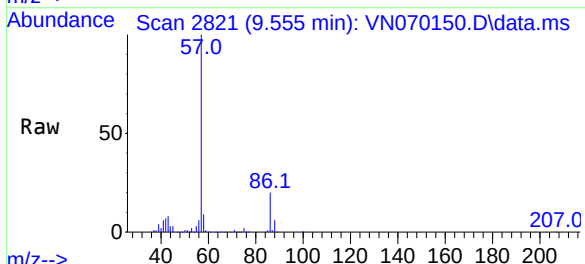
Instrument :
MSVOA_N
ClientSampleId :

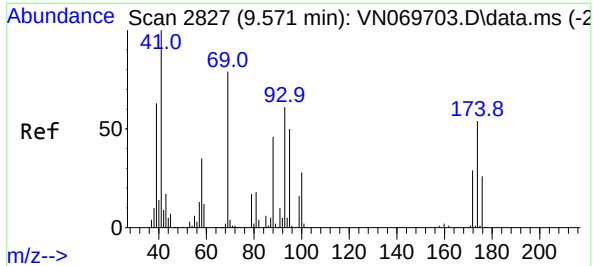
Tgt Ion: 43 Resp: 83597
Ion Ratio Lower Upper
43 100
61 15.7 20.4 30.6#
87 0.0 11.2 16.8#



#48
Methyl methacrylate
Concen: 0.783 ug/l
RT: 9.555 min Scan# 2821
Delta R.T. -0.006 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

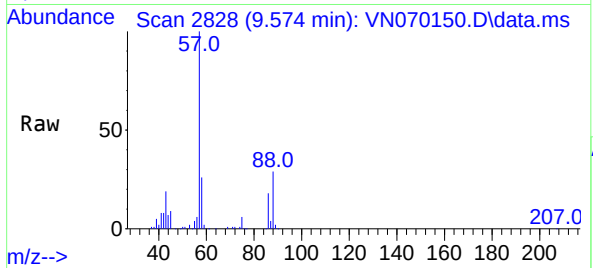
Tgt Ion: 41 Resp: 11846
Ion Ratio Lower Upper
41 100
69 4.4 72.4 108.6#
39 0.0 58.4 87.6#



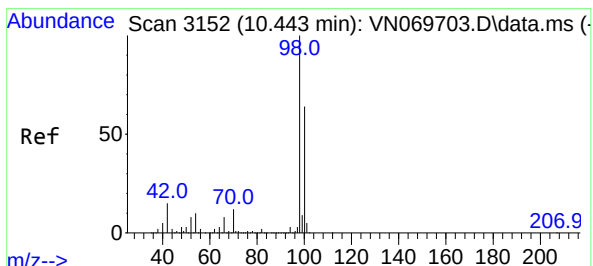
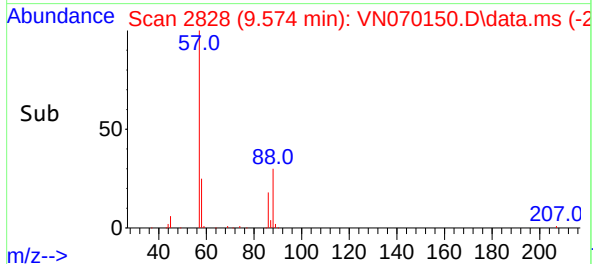
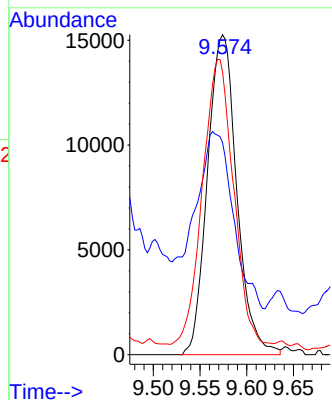


#49
1,4-Dioxane
Concen: 122.640 ug/l
RT: 9.574 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

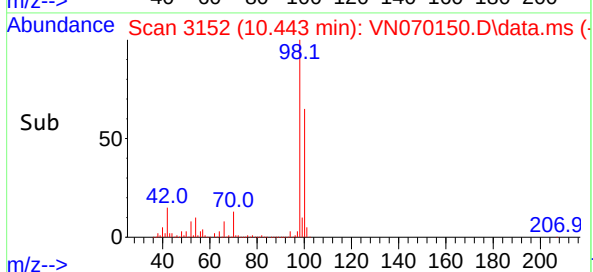
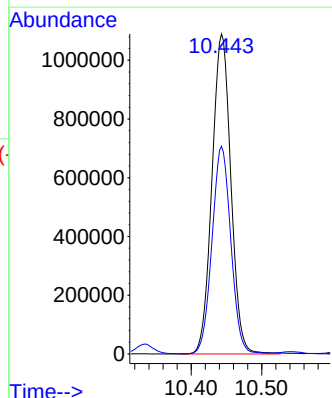
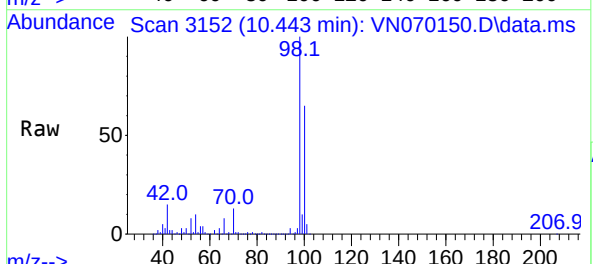


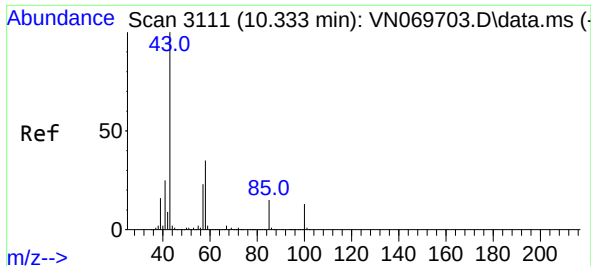
Tgt Ion: 88 Resp: 33292
Ion Ratio Lower Upper
88 100
43 68.3 23.4 35.2#
58 93.5 50.6 75.8#



#50
Toluene-d8
Concen: 52.126 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 98 Resp: 2027039
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 25.595 ug/l

RT: 10.333 min Scan# 3111

Delta R.T. 0.000 min

Lab File: VN070150.D

Acq: 16 Dec 2021 20:31

Instrument :

MSVOA_N

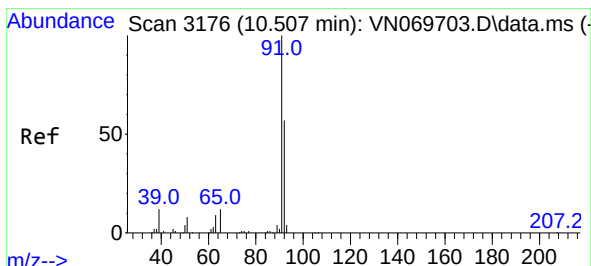
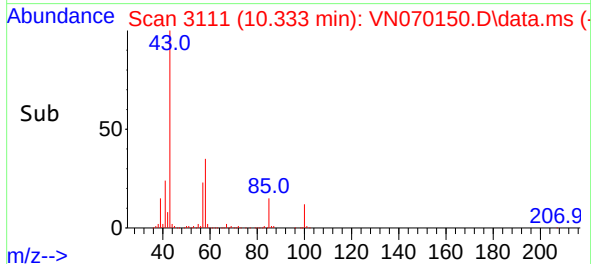
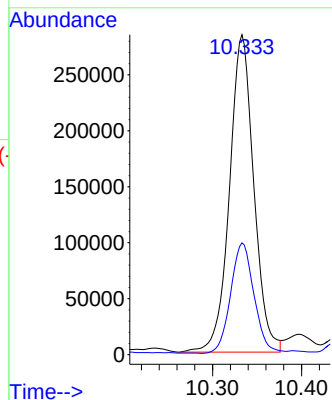
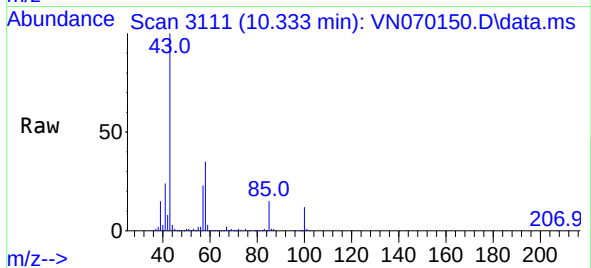
ClientSampleId :

Tgt Ion: 43 Resp: 538283

Ion Ratio Lower Upper

43 100

58 33.5 30.4 45.6



#52

Toluene

Concen: 5.280 ug/l

RT: 10.507 min Scan# 3176

Delta R.T. 0.000 min

Lab File: VN070150.D

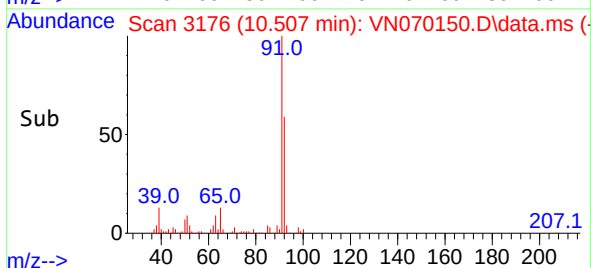
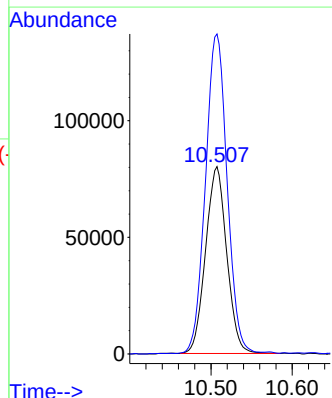
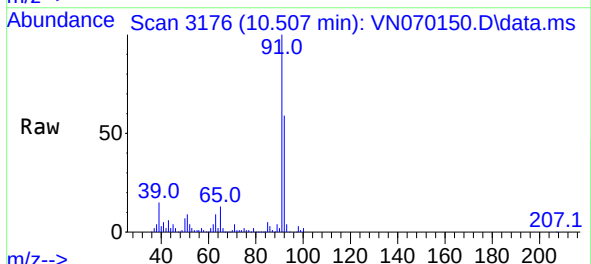
Acq: 16 Dec 2021 20:31

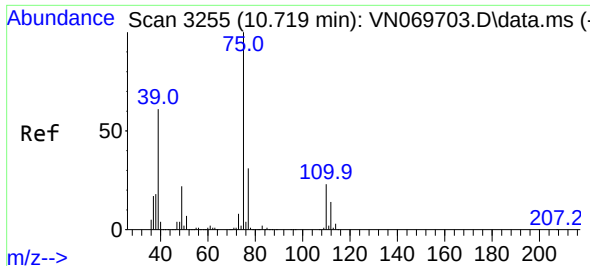
Tgt Ion: 92 Resp: 145031

Ion Ratio Lower Upper

92 100

91 174.7 142.0 213.0

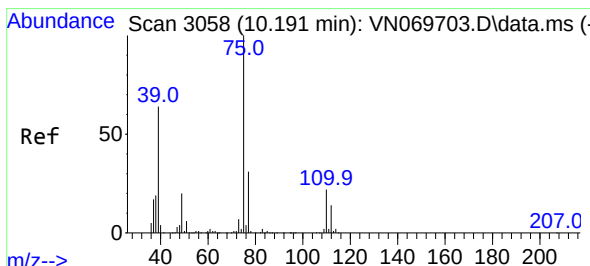
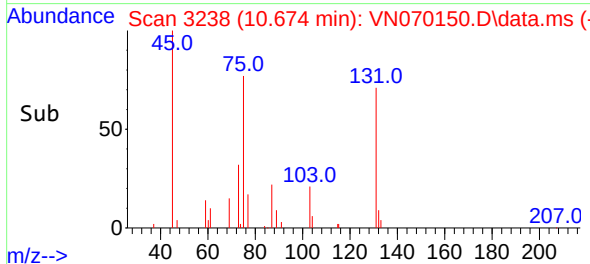
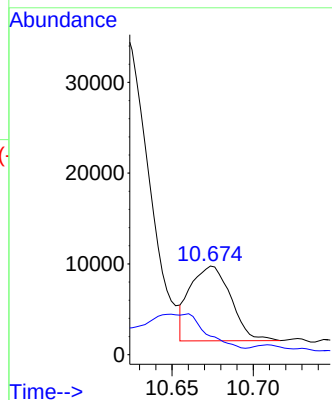
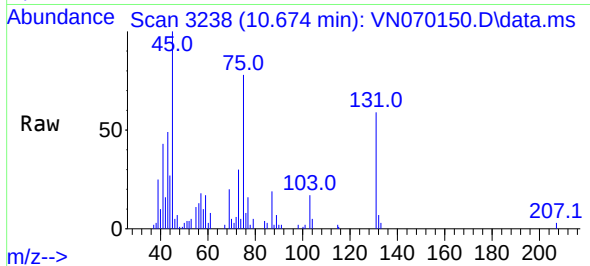




#53
t-1,3-Dichloropropene
Concen: 3.542 ug/l
RT: 10.674 min Scan# 31
Delta R.T. -0.045 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

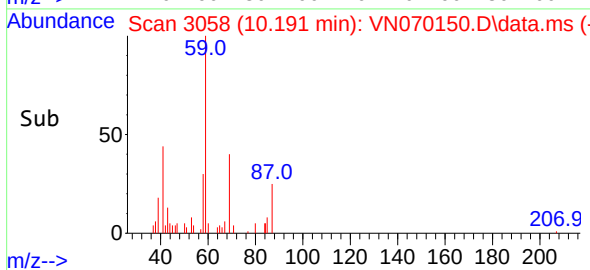
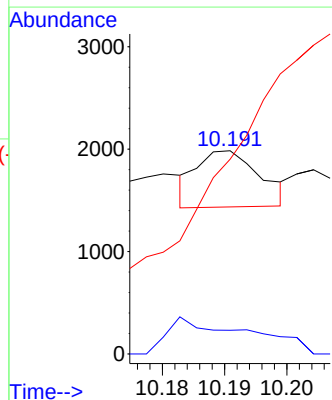
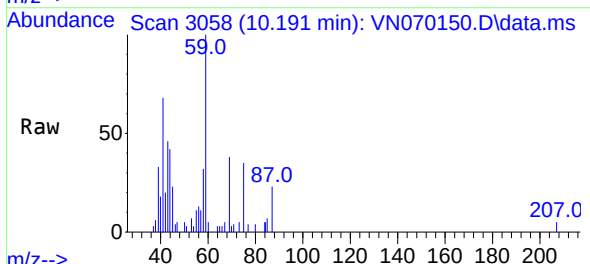
Instrument :
MSVOA_N
ClientSampleId :

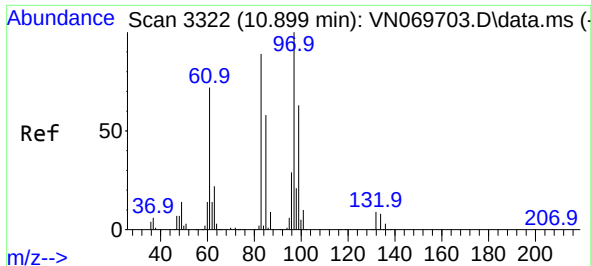
Tgt Ion: 75 Resp: 14286
Ion Ratio Lower Upper
75 100
77 14.6 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.018 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

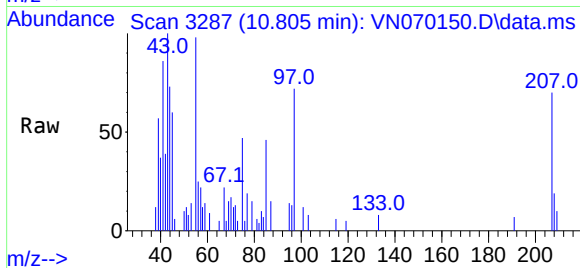
Tgt Ion: 75 Resp: 385
Ion Ratio Lower Upper
75 100
77 20.3 26.4 39.6#
39 261.0 42.5 63.7#



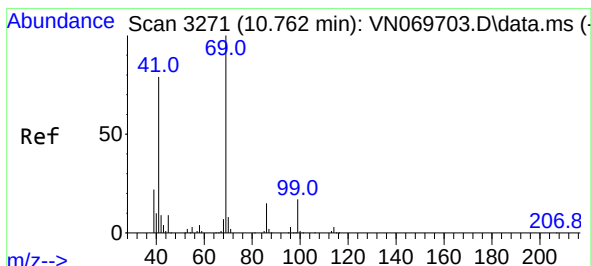
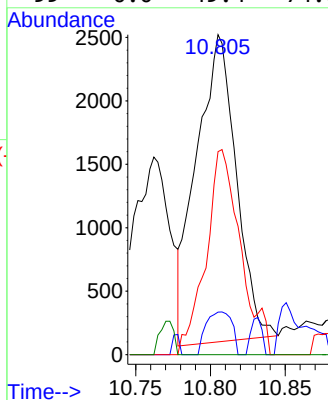
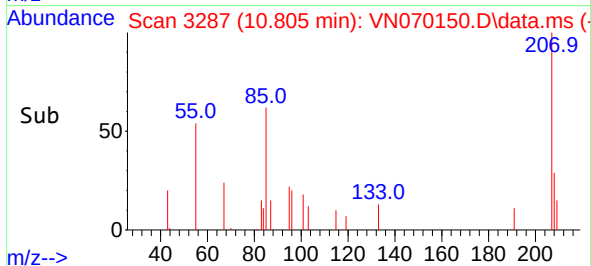


#55
1,1,2-Trichloroethane
Concen: 0.405 ug/l
RT: 10.805 min Scan# 31
Delta R.T. -0.094 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

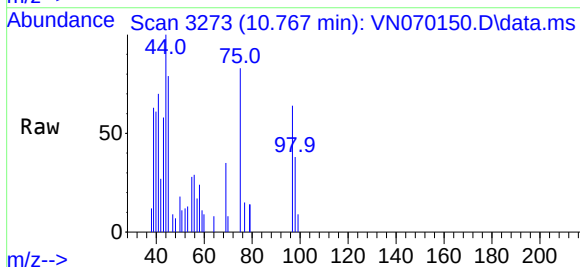
Instrument :
MSVOA_N
ClientSampleId :



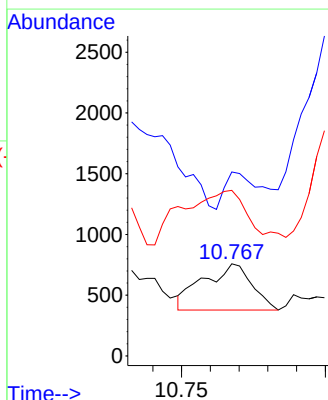
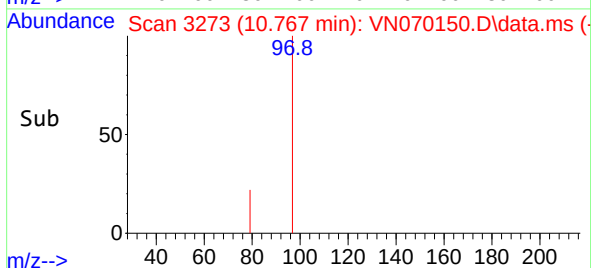
Tgt Ion: 97 Resp: 4488
Ion Ratio Lower Upper
97 100
83 7.5 67.8 101.6#
85 67.5 45.4 68.2
99 0.0 49.4 74.0#

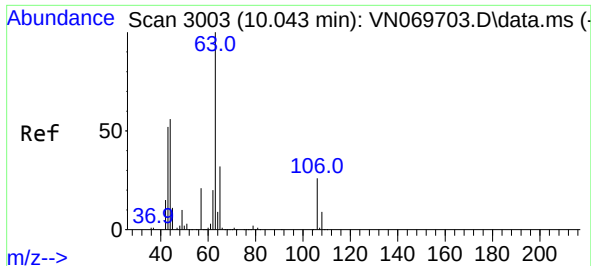


#56
Ethyl methacrylate
Concen: 2.300 ug/l
RT: 10.767 min Scan# 3273
Delta R.T. 0.005 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31



Tgt Ion: 69 Resp: 447
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#

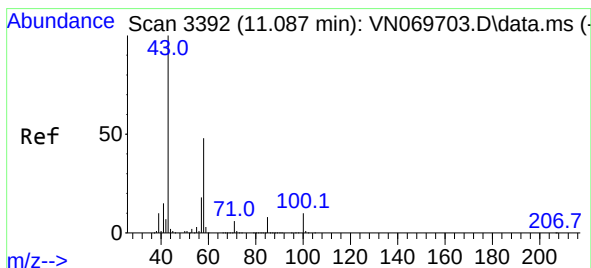
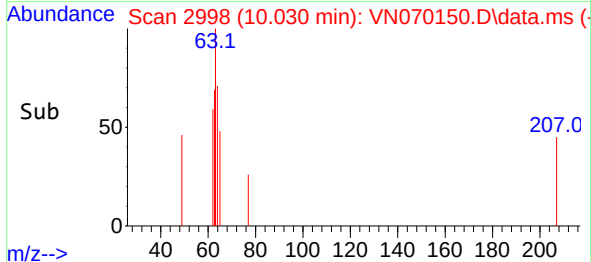
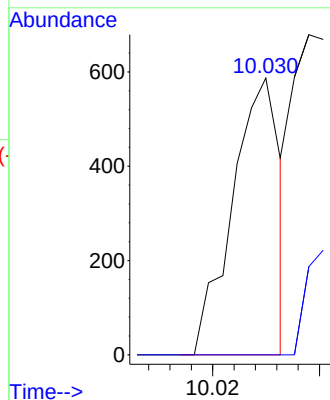
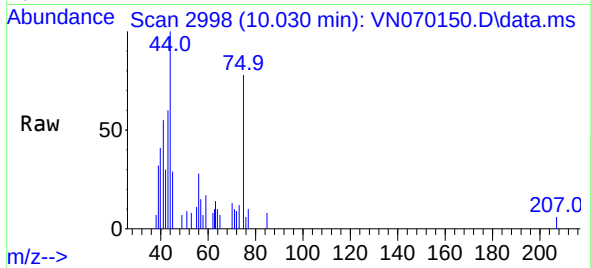




#58
2-Chloroethyl Vinyl ether
Concen: 18.448 ug/l
RT: 10.030 min Scan# 2998
Delta R.T. -0.013 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

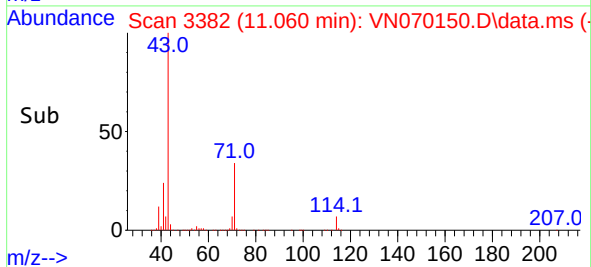
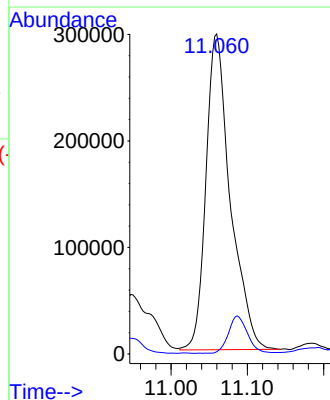
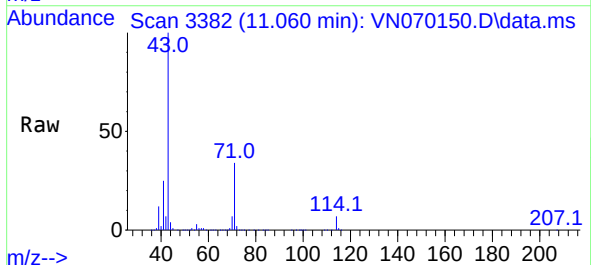
Instrument :
MSVOA_N
ClientSampleId :

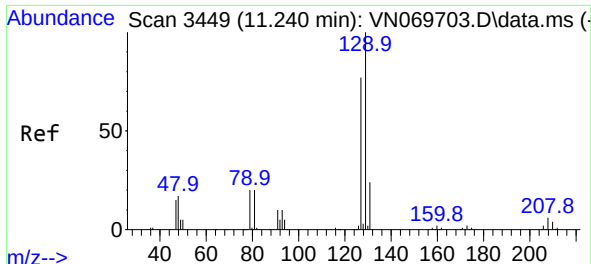
Tgt Ion: 63 Resp: 363
Ion Ratio Lower Upper
63 100
106 26.4 23.9 35.9



#59
2-Hexanone
Concen: 41.400 ug/l
RT: 11.060 min Scan# 3382
Delta R.T. -0.027 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 43 Resp: 658645
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#

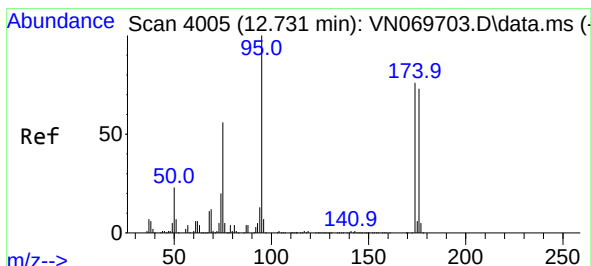
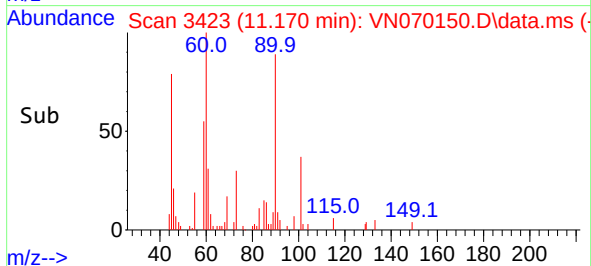
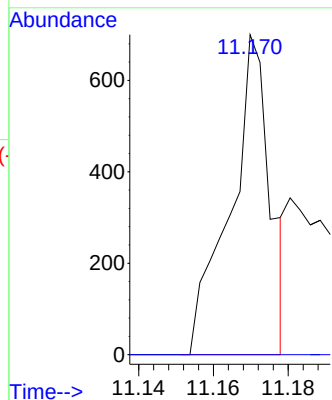
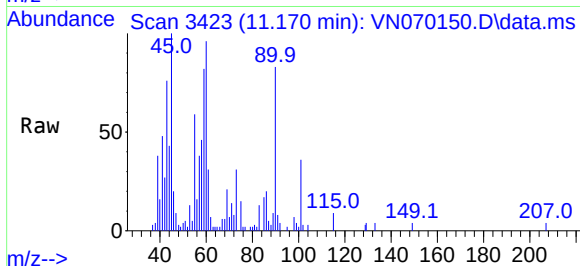




#60
Dibromochloromethane
Concen: 2.418 ug/l
RT: 11.170 min Scan# 3449
Delta R.T. -0.070 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

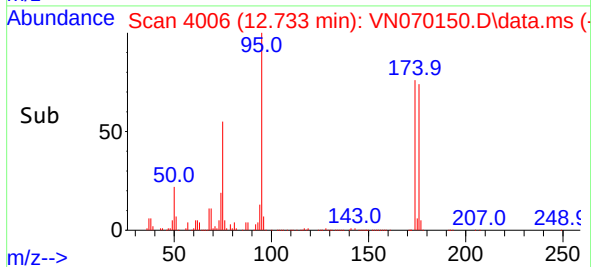
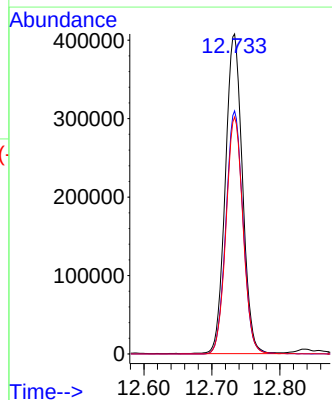
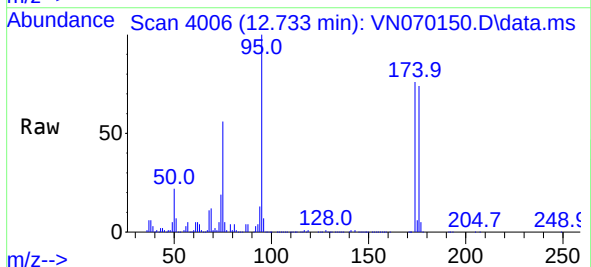
Instrument :
MSVOA_N
ClientSampleId :

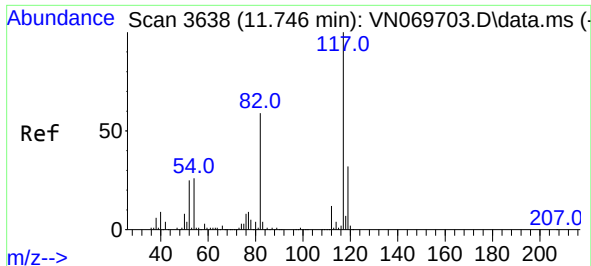
Tgt Ion:129 Resp: 517
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 50.470 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

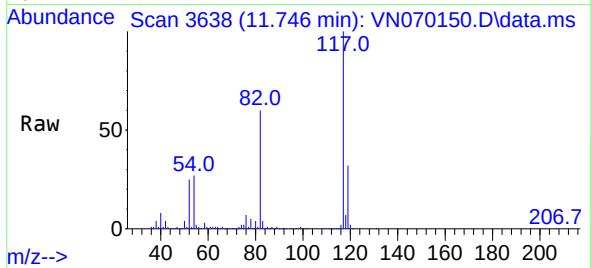
Tgt Ion: 95 Resp: 711017
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.7 0.0 181.4





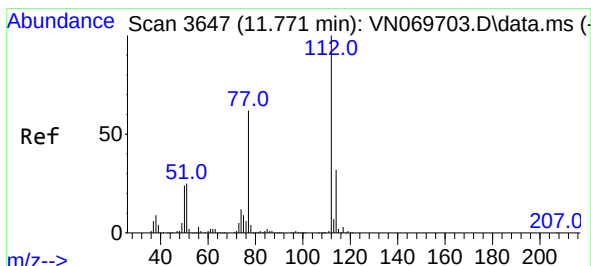
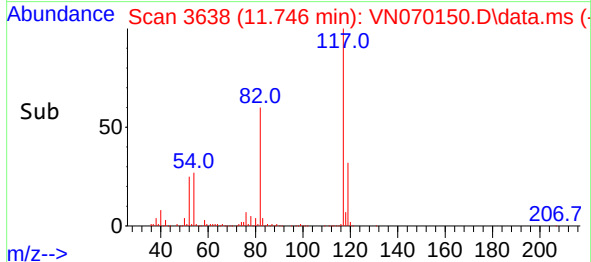
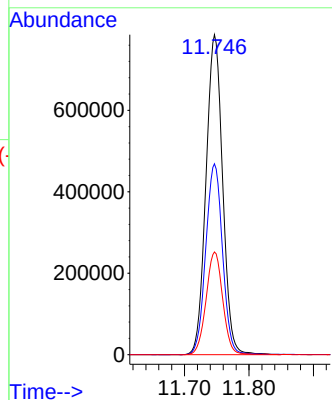
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 1410873

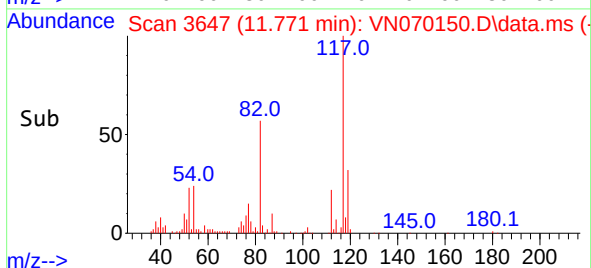
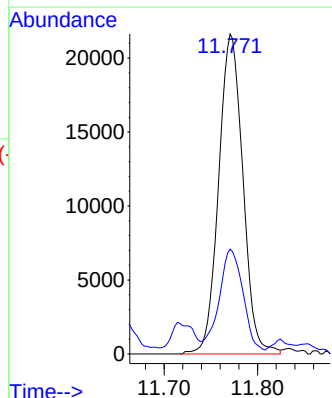
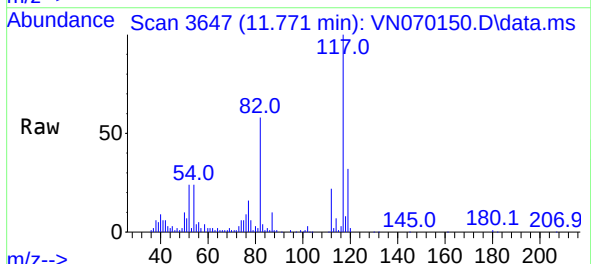
Ion	Ratio	Lower	Upper
117	100		
82	59.6	42.4	63.6
119	32.1	25.4	38.2

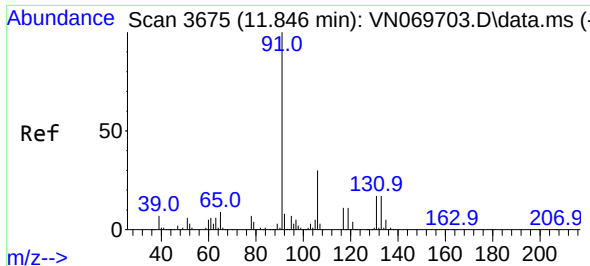


#65
Chlorobenzene
Concen: 1.362 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion:112 Resp: 38996

Ion	Ratio	Lower	Upper
112	100		
114	28.1	25.4	38.0

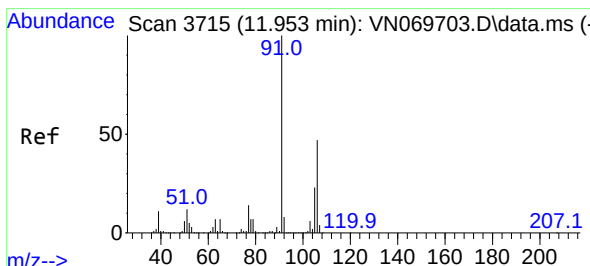
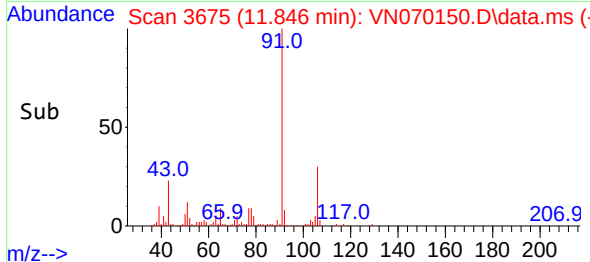
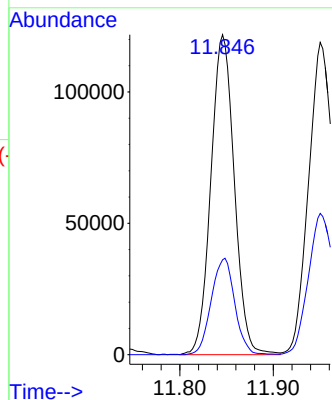
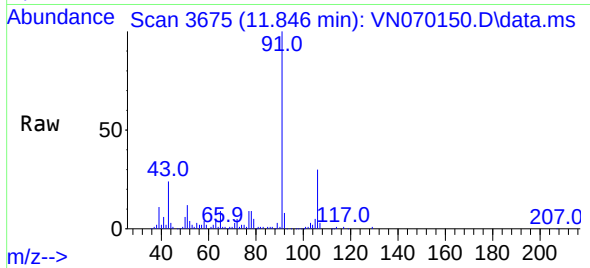




#67
Ethyl Benzene
Concen: 4.085 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

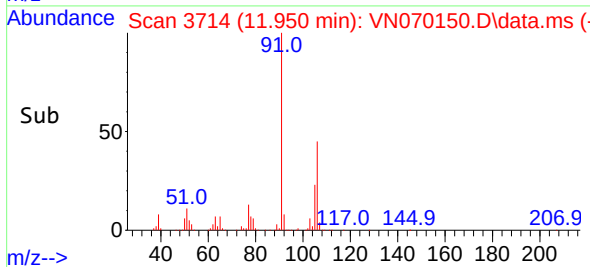
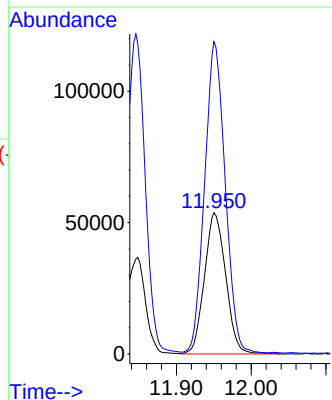
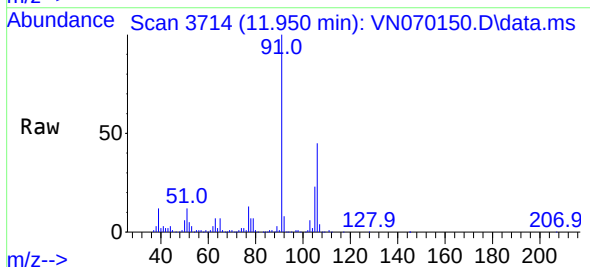
Instrument :
MSVOA_N
ClientSampleId :

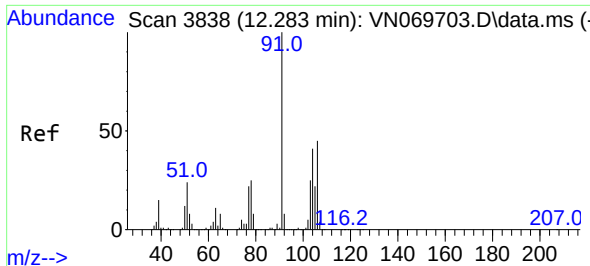
Tgt Ion: 91 Resp: 212392
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5



#68
m/p-Xylenes
Concen: 5.619 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion:106 Resp: 106376
Ion Ratio Lower Upper
106 100
91 213.0 160.6 240.8

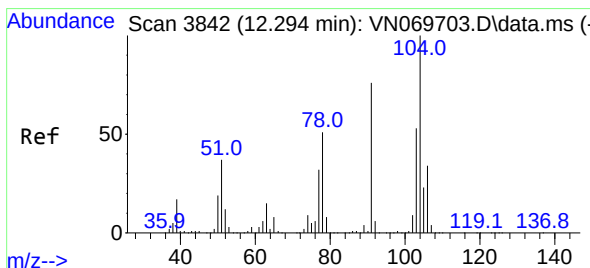
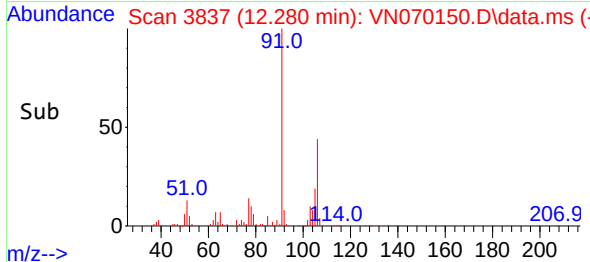
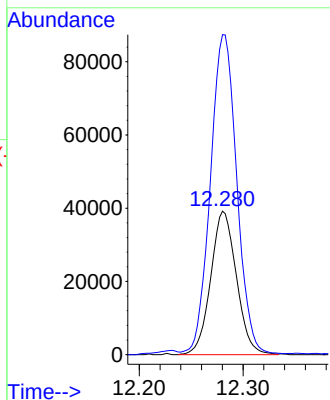
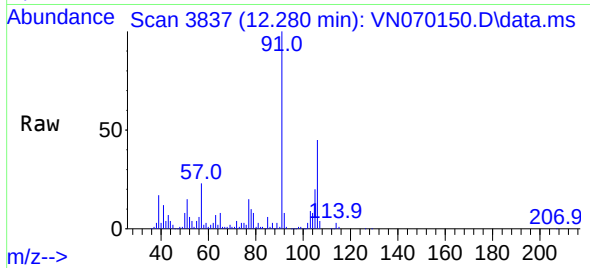




#69
o-Xylene
Concen: 3.538 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

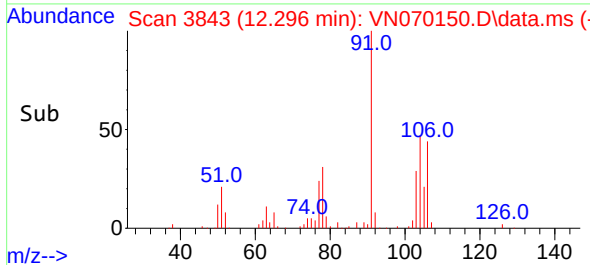
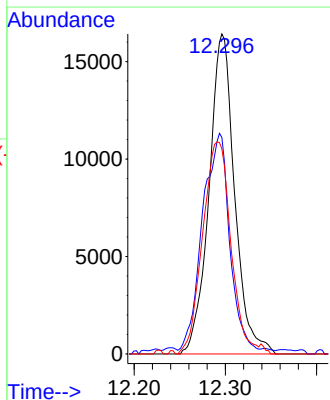
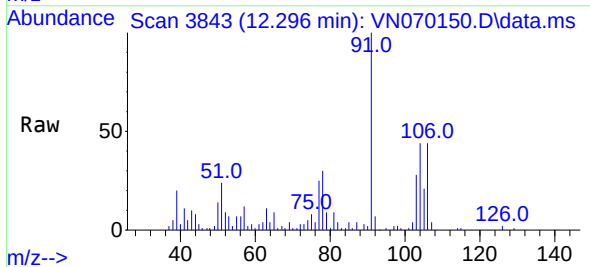
Instrument :
MSVOA_N
ClientSampleId :

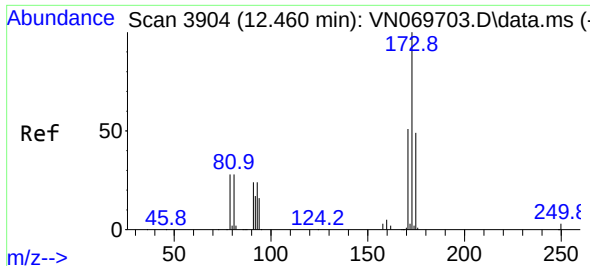
Tgt Ion:106 Resp: 67459
Ion Ratio Lower Upper
106 100
91 227.1 105.8 317.3



#70
Styrene
Concen: 1.060 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion:104 Resp: 32065
Ion Ratio Lower Upper
104 100
78 71.1 38.7 58.1#
103 73.4 45.0 67.6#

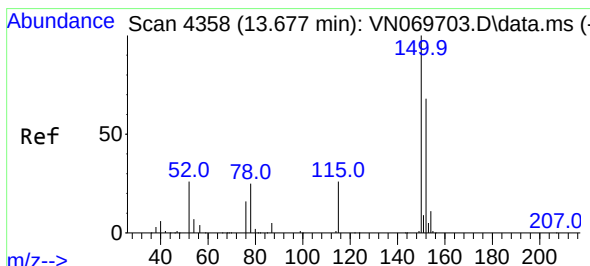
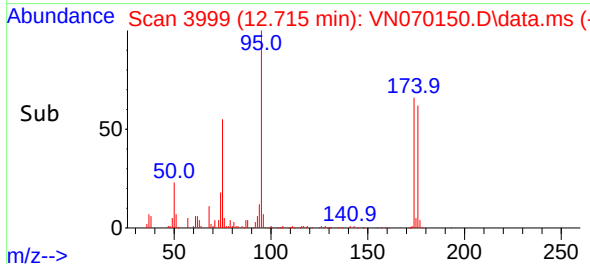
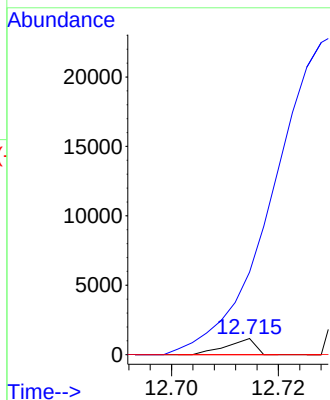
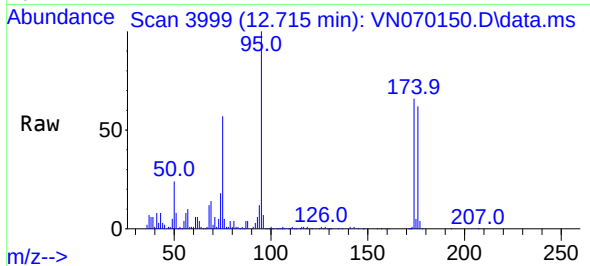




#71
Bromoform
Concen: 2.779 ug/l
RT: 12.715 min Scan# 3904
Delta R.T. 0.255 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

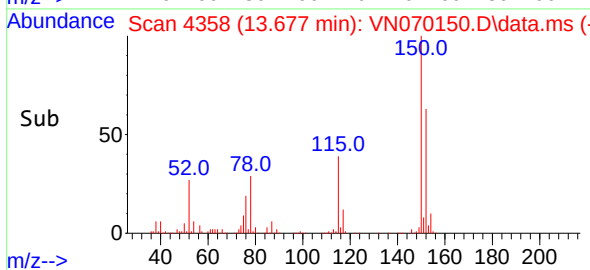
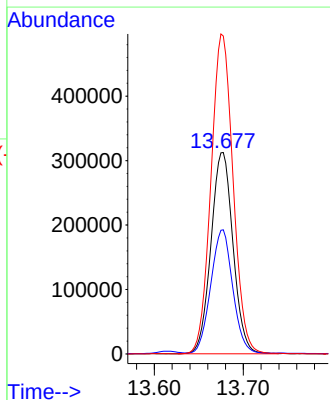
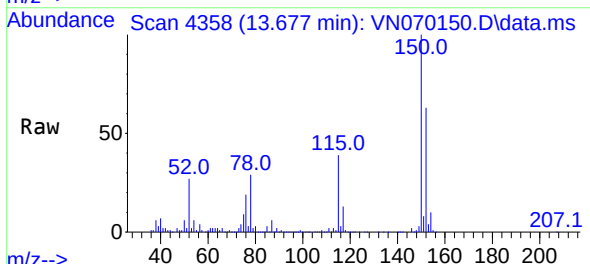
Instrument :
MSVOA_N
ClientSampleId :

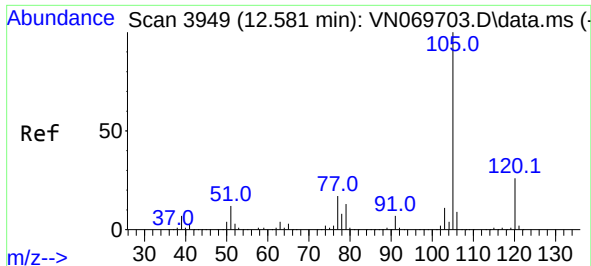
Tgt Ion:173 Resp: 437
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion:152 Resp: 539572
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 158.8 0.0 344.4

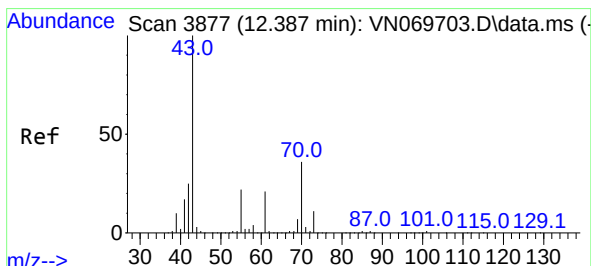
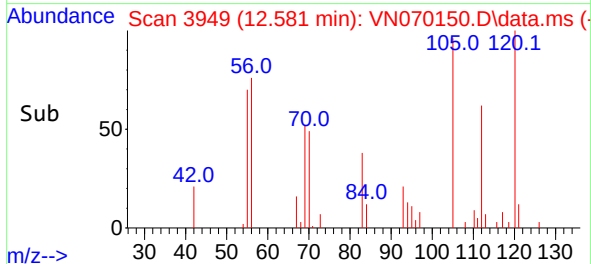
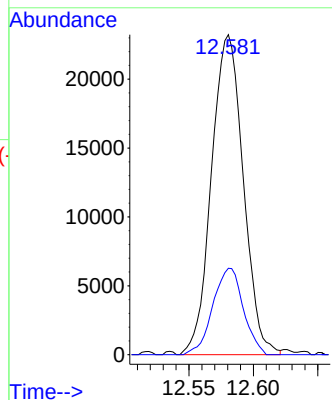
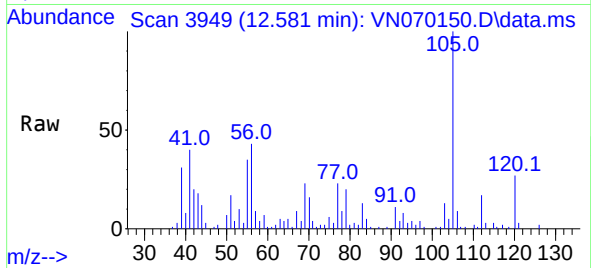




#73
Isopropylbenzene
Concen: 0.831 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

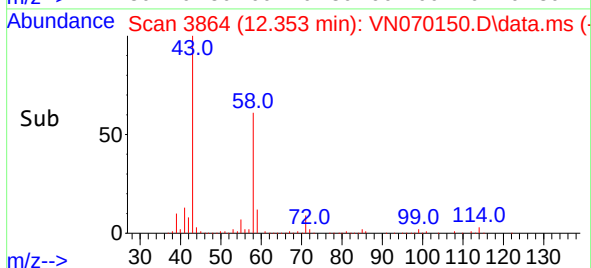
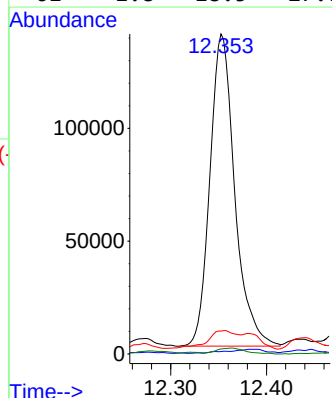
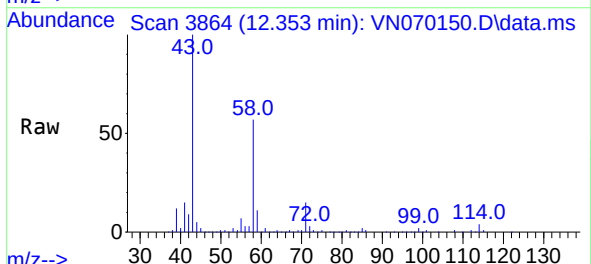
Instrument :
MSVOA_N
ClientSampleId :

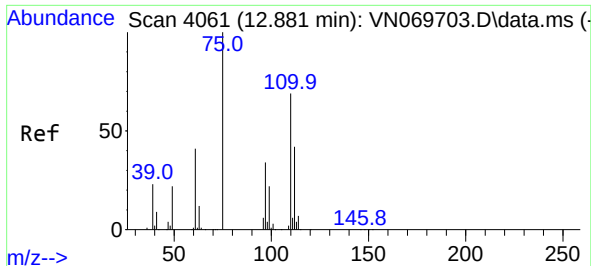
Tgt Ion:105 Resp: 39898
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1



#74
N-ethyl acetate
Concen: 11.712 ug/l
RT: 12.353 min Scan# 3864
Delta R.T. -0.035 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 43 Resp: 248646
Ion Ratio Lower Upper
43 100
70 0.2 33.4 50.0#
55 6.8 19.3 28.9#
61 1.8 18.5 27.7#

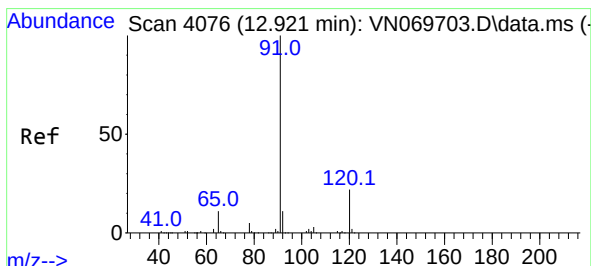
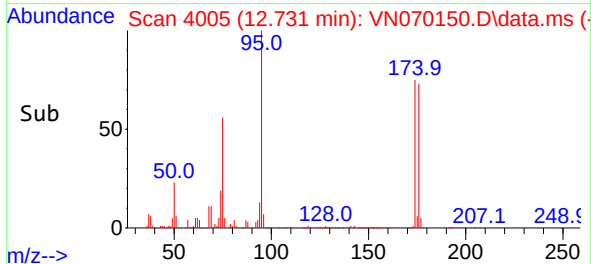
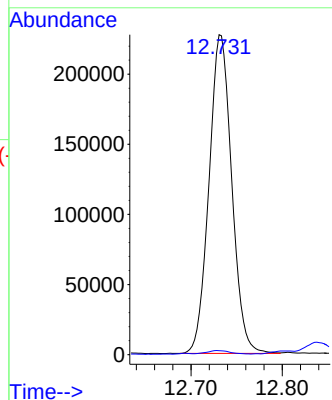
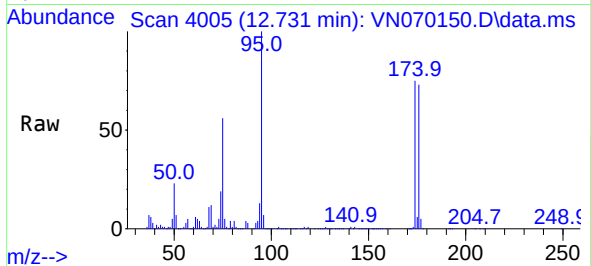




#76
1,2,3-Trichloropropane
Concen: 25.416 ug/l
RT: 12.731 min Scan# 4061
Delta R.T. -0.150 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

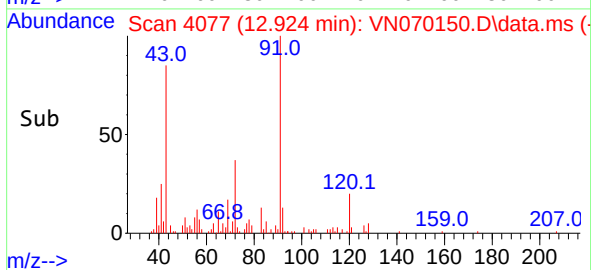
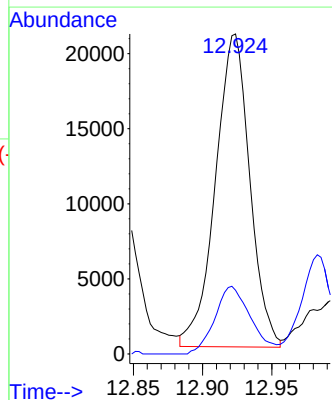
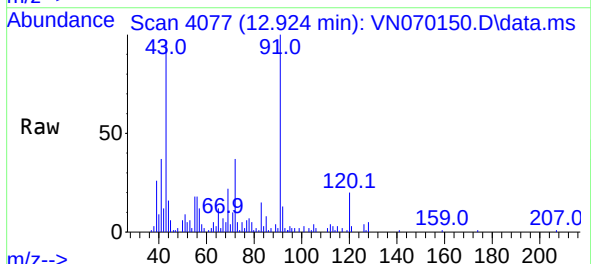
Instrument :
MSVOA_N
ClientSampleId :

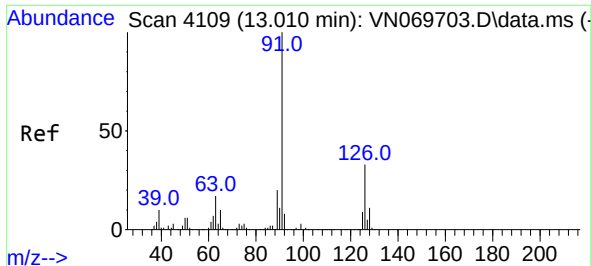
Tgt Ion: 75 Resp: 393272
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#78
n-propylbenzene
Concen: 0.673 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 91 Resp: 35964
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

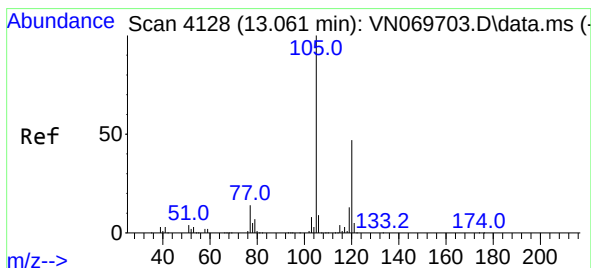
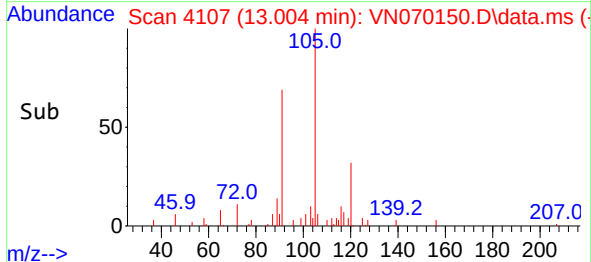
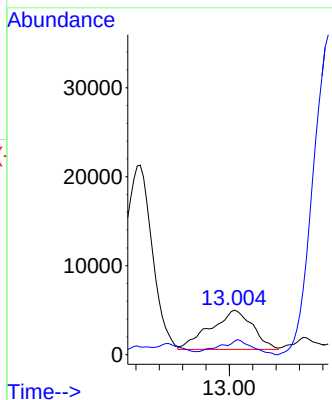
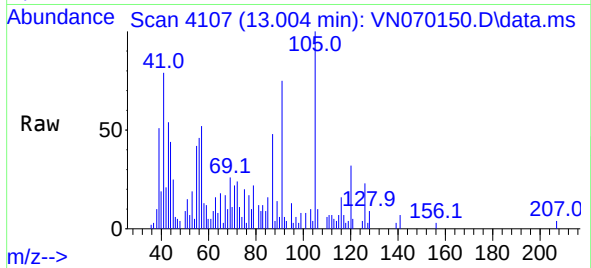




#79
2-Chlorotoluene
Concen: 0.329 ug/l
RT: 13.004 min Scan# 4109
Delta R.T. -0.005 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

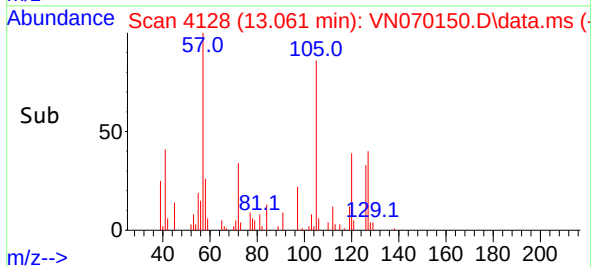
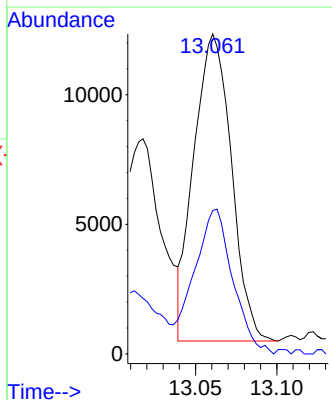
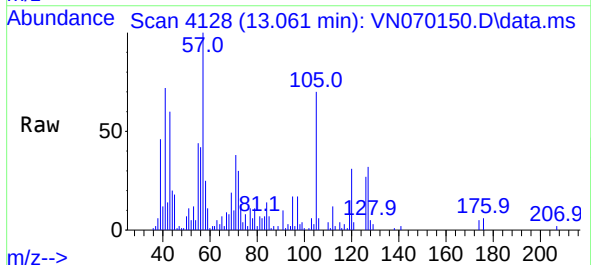
Instrument :
MSVOA_N
ClientSampleId :

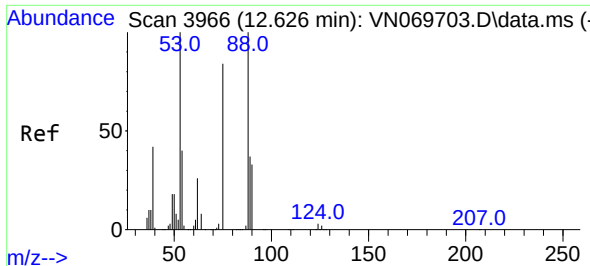
Tgt Ion: 91 Resp: 11100
Ion Ratio Lower Upper
91 100
126 29.6 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 0.492 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 105 Resp: 19016
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6

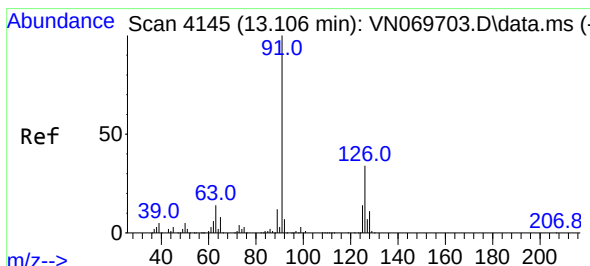
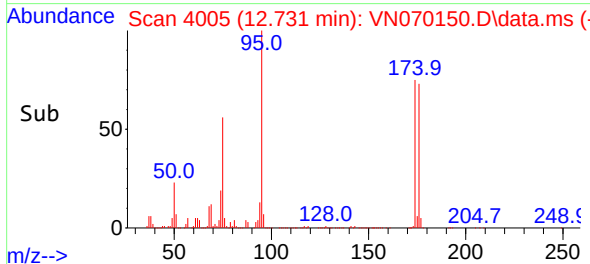
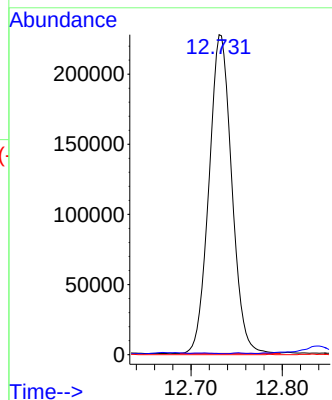
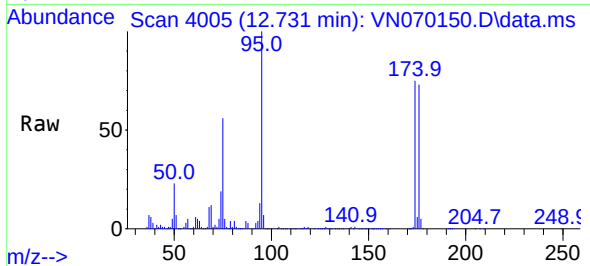




#81
trans-1,4-Dichloro-2-butene
Concen: 80.487 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

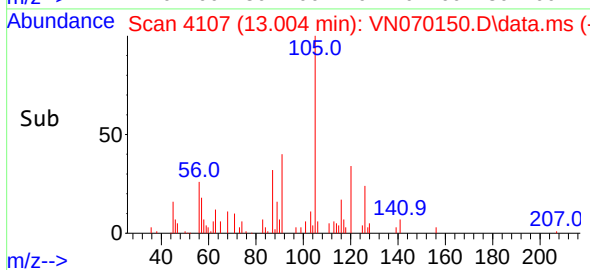
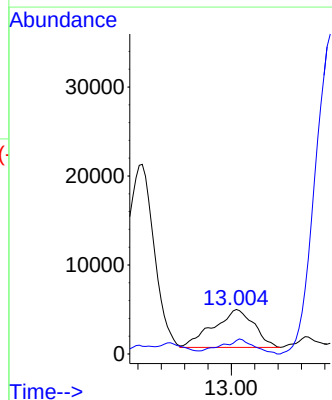
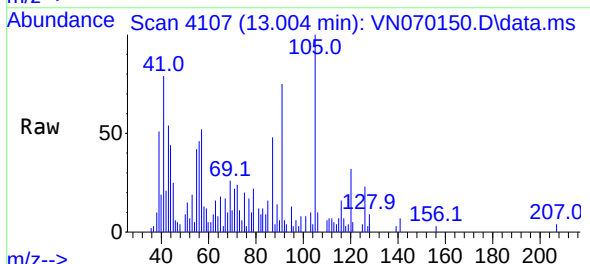
Instrument :
MSVOA_N
ClientSampleId :

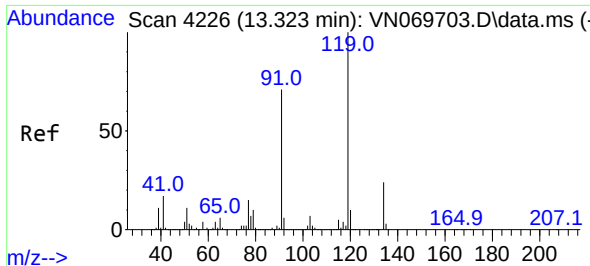
Tgt Ion: 75 Resp: 393272
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.327 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. -0.102 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion: 91 Resp: 10389
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6

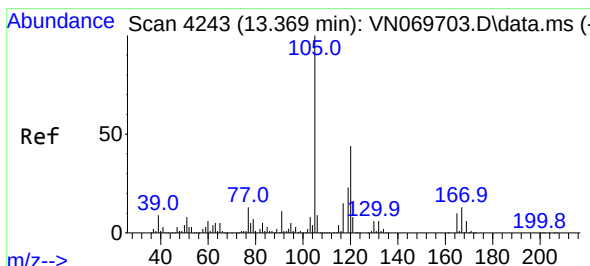
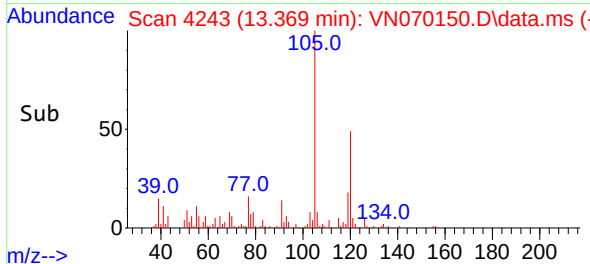
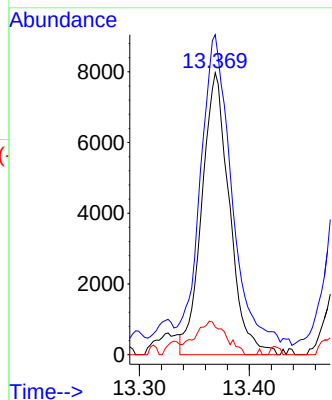
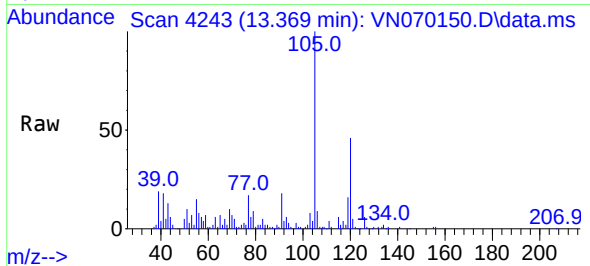




#83
tert-Butylbenzene
Concen: 0.406 ug/l
RT: 13.369 min Scan# 4226
Delta R.T. 0.046 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

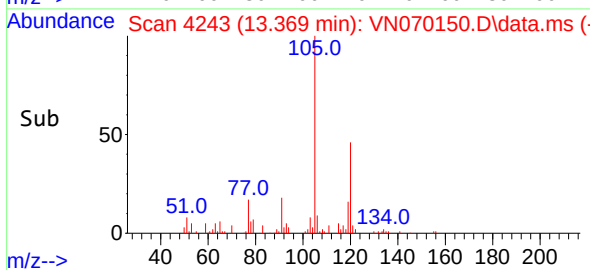
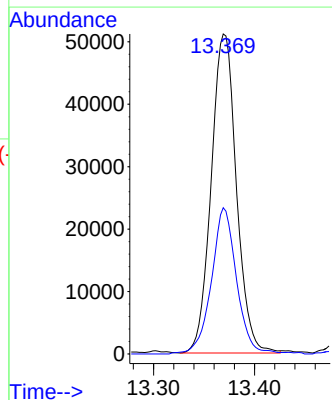
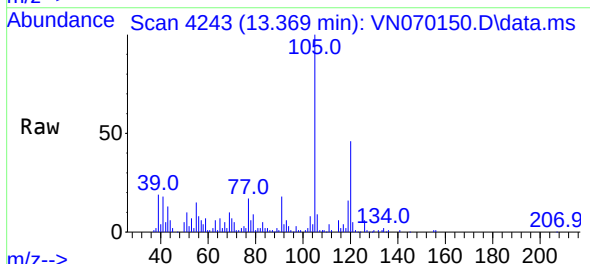
Instrument :
MSVOA_N
ClientSampleId :

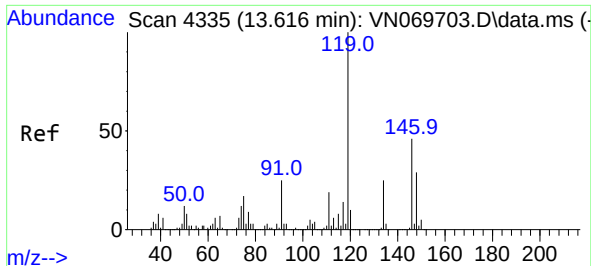
Tgt Ion:119 Resp: 13891
Ion Ratio Lower Upper
119 100
91 119.6 31.5 94.5#
134 13.0 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 2.409 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion:105 Resp: 88659
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.4

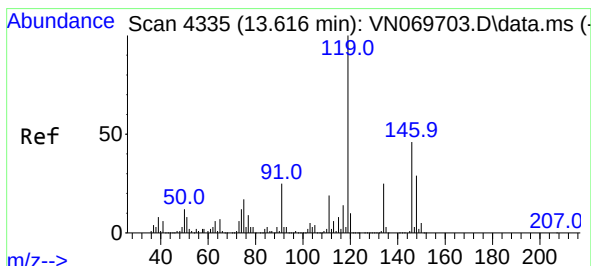
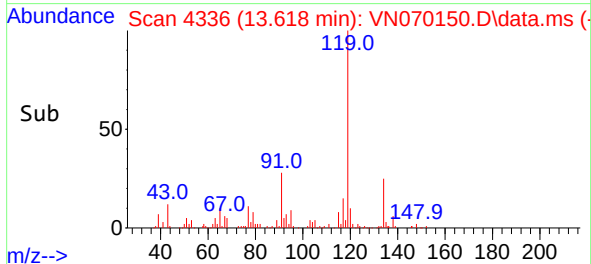
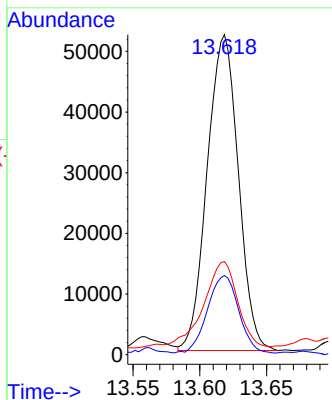
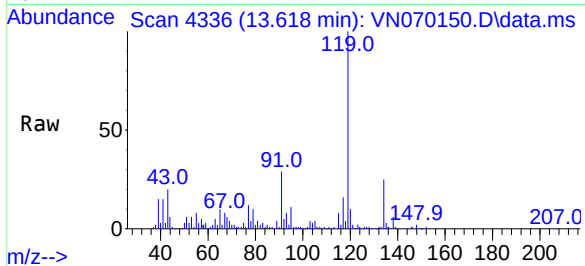




#86
 p-Isopropyltoluene
 Concen: 2.331 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN070150.D
 Acq: 16 Dec 2021 20:31

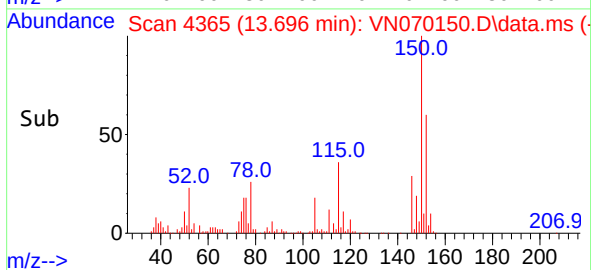
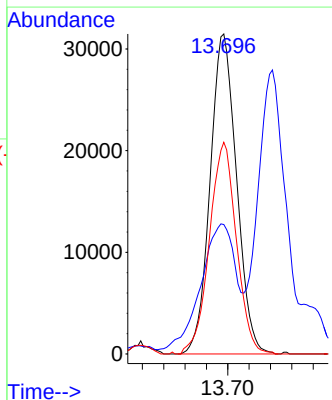
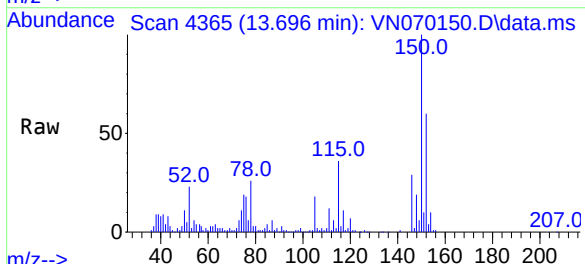
Instrument :
 MSVOA_N
 ClientSampleId :

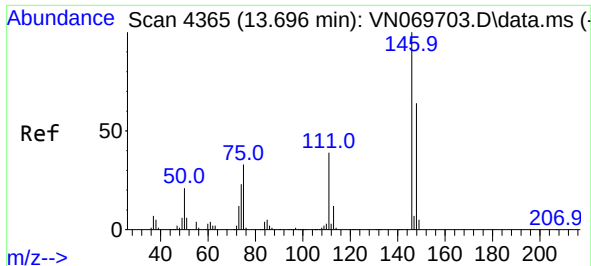
Tgt Ion:119 Resp: 84558
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.6 40.7
 91 29.0 11.4 34.1



#87
 1,3-Dichlorobenzene
 Concen: 2.922 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.080 min
 Lab File: VN070150.D
 Acq: 16 Dec 2021 20:31

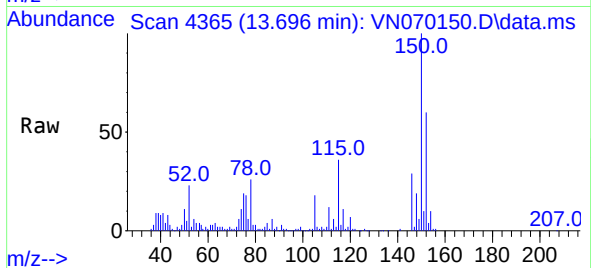
Tgt Ion:146 Resp: 54138
 Ion Ratio Lower Upper
 146 100
 111 52.3 18.6 55.6
 148 67.7 31.6 95.0



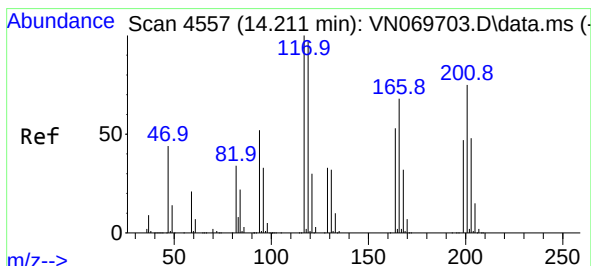
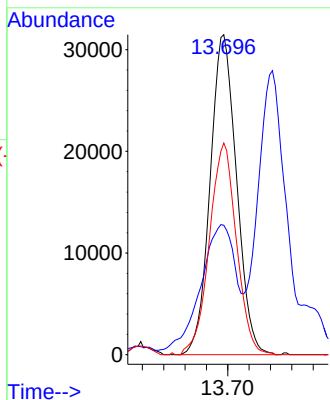
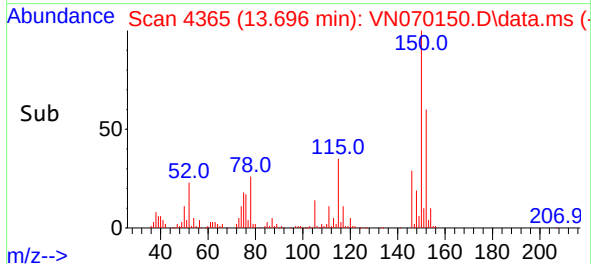


#88
1,4-Dichlorobenzene
Concen: 2.974 ug/l
RT: 13.696 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :

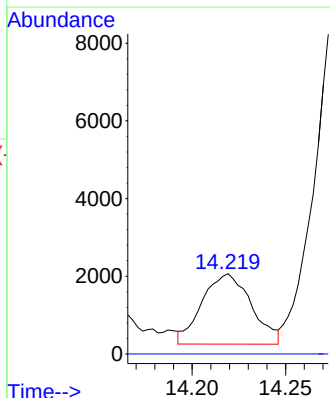
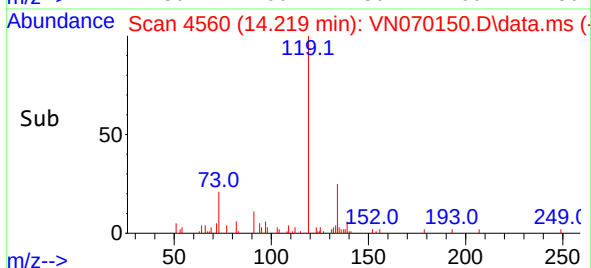
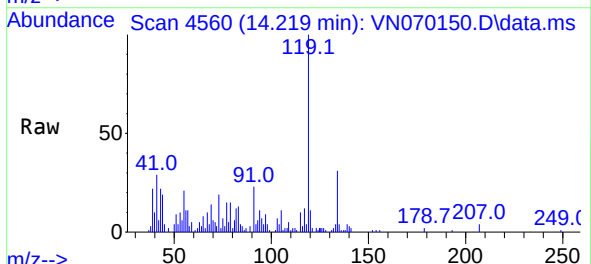


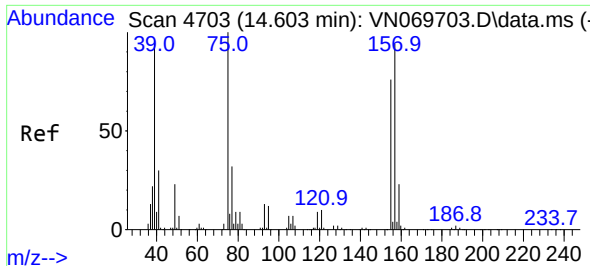
Tgt Ion:146 Resp: 54138
Ion Ratio Lower Upper
146 100
111 52.3 18.3 54.8
148 67.7 31.8 95.4



#90
Hexachloroethane
Concen: 0.521 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.008 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion:117 Resp: 3317
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

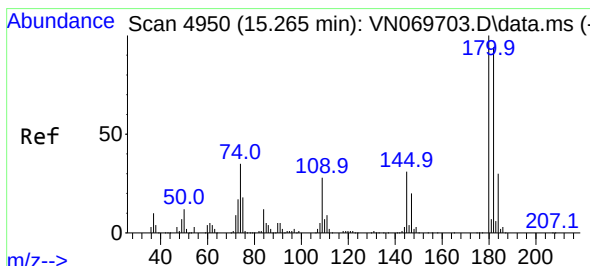
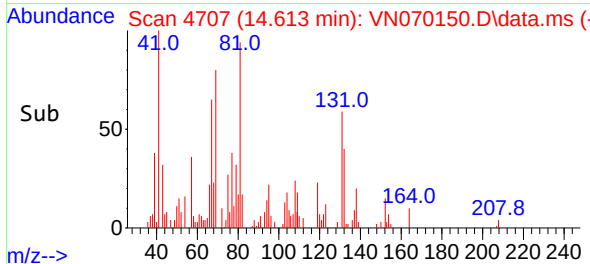
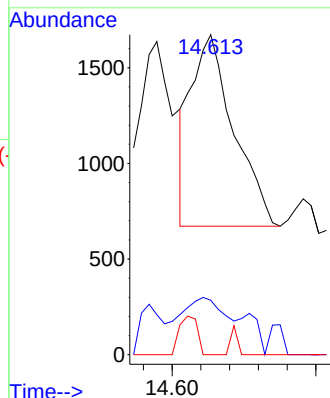
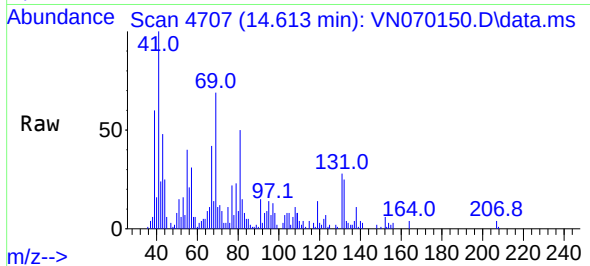




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.345 ug/l
 RT: 14.613 min Scan# 41
 Delta R.T. 0.011 min
 Lab File: VN070150.D
 Acq: 16 Dec 2021 20:31

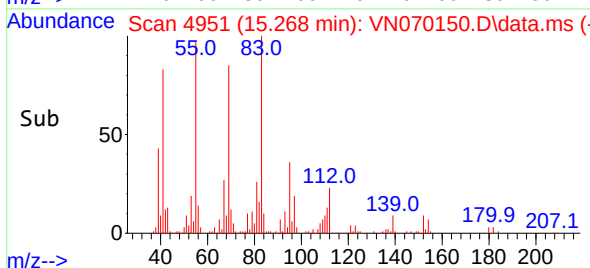
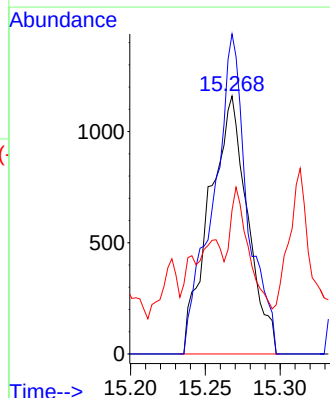
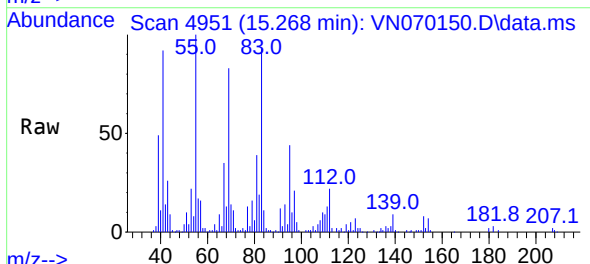
Instrument :
 MSVOA_N
 ClientSampleId :

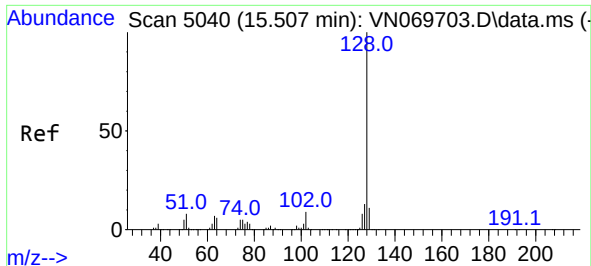
Tgt Ion: 75 Resp: 1034
 Ion Ratio Lower Upper
 75 100
 155 30.1 46.9 140.7#
 157 8.5 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.097 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN070150.D
 Acq: 16 Dec 2021 20:31

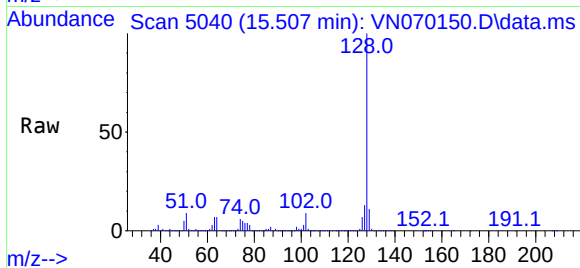
Tgt Ion:180 Resp: 2058
 Ion Ratio Lower Upper
 180 100
 182 110.5 48.3 144.9
 145 22.4 14.5 43.5



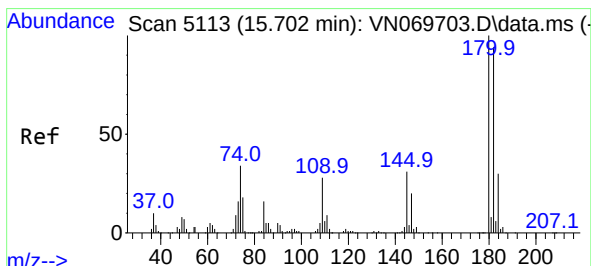
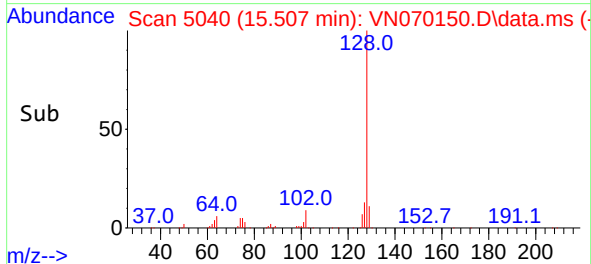
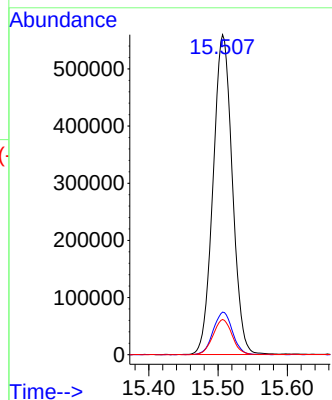


#95
Naphthalene
Concen: 41.606 ug/l
RT: 15.507 min Scan# 5109
Delta R.T. -0.000 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1077933
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.500 ug/l
RT: 15.692 min Scan# 5109
Delta R.T. -0.010 min
Lab File: VN070150.D
Acq: 16 Dec 2021 20:31

Tgt Ion:180 Resp: 585
Ion Ratio Lower Upper
180 100
182 798.5 47.4 142.2#
145 86.0 15.0 45.1#

