

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070914.D
 Acq On : 3 Feb 2022 1:23
 Operator : JC/MD
 Sample : N1342-05DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31525DL

Quant Time: Feb 03 06:01:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	902819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1439135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1472539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	572564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	592836	48.511	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.020%
35) Dibromofluoromethane	8.021	113	414457	48.074	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.140%
50) Toluene-d8	10.440	98	2050442	57.926	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	115.860%
62) 4-Bromofluorobenzene	12.731	95	725815	56.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.820%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.827	74	91078	13.304	ug/l	87
11) Tert butyl alcohol	5.379	59	225884	87.965	ug/l	100
13) Acrolein	4.052	56	595	0.210	ug/l #	79
14) Allyl chloride	4.586	41	29126	1.405	ug/l #	78
16) Acetone	4.291	43	273191	37.386	ug/l	99
18) Methyl Acetate	4.859	43	77619	4.229	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	121854	3.508	ug/l #	78
22) Diisopropyl ether	6.498	45	26776	0.667	ug/l #	1
25) 2-Butanone	7.343	43	269573	25.557	ug/l	91
29) Tetrahydrofuran	7.699	42	9800	1.430	ug/l	94
31) Cyclohexane	8.088	56	55270	2.662	ug/l #	70
36) 1,1-Dichloropropene	8.086	75	74771	5.339	ug/l #	48
37) Ethyl Acetate	7.343	43	269573	13.965	ug/l #	68
38) Carbon Tetrachloride	8.086	117	91347	7.142	ug/l #	16
39) Methylcyclohexane	9.459	83	34953	2.030	ug/l	94
40) Benzene	8.461	78	3450390	78.415	ug/l	100
41) Methacrylonitrile	7.665	41	6147	0.634	ug/l #	19
42) 1,2-Dichloroethane	8.458	62	29522	1.971	ug/l	83
43) Isopropyl Acetate	8.563	43	28082	0.865	ug/l #	83
48) Methyl methacrylate	9.531	41	96409	6.891	ug/l #	32
49) 1,4-Dioxane	9.574	88	6751	28.804	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	38279	2.004	ug/l	95
52) Toluene	10.505	92	3131007	114.842	ug/l	97
53) t-1,3-Dichloropropene	10.800	75	4147	0.258	ug/l	91
54) cis-1,3-Dichloropropene	10.161	75	5645	0.323	ug/l #	1
56) Ethyl methacrylate	10.692	69	13497	0.748	ug/l #	39
57) 1,3-Dichloropropane	11.089	76	8600	0.474	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.164	63	7315	21.030	ug/l #	84
59) 2-Hexanone	11.089	43	164039	11.763	ug/l #	56
67) Ethyl Benzene	11.843	91	305728	5.442	ug/l	96
68) m/p-Xylenes	11.948	106	668090	32.094	ug/l	92
69) o-Xylene	12.277	106	233938	11.229	ug/l	92
70) Styrene	12.283	104	13108	0.399	ug/l #	1
73) Isopropylbenzene	12.578	105	39526	0.791	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.870	83	34066	1.969	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	376765	27.338	ug/l #	1

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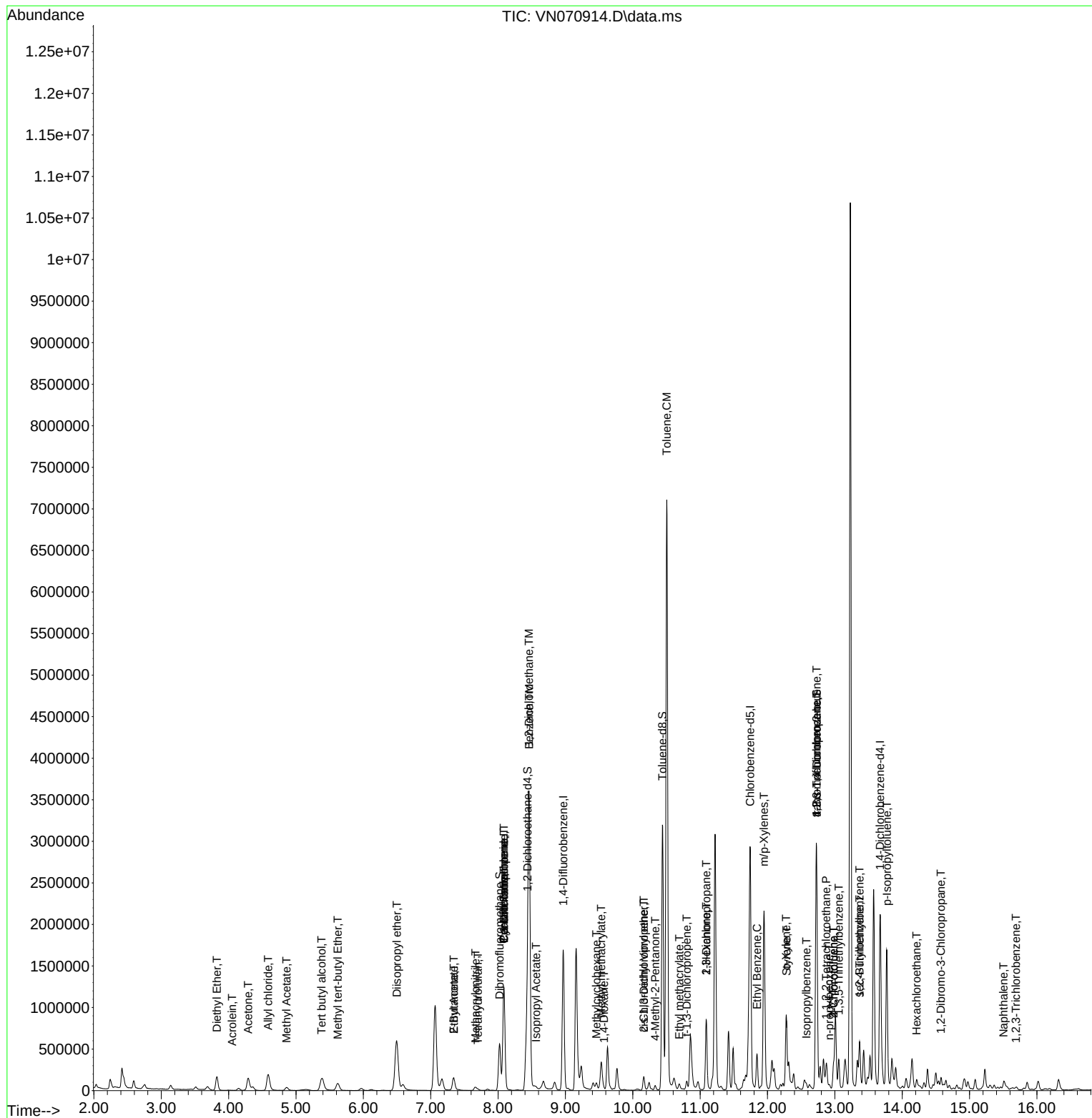
78) n-propylbenzene	12.918	91	28989	0.509	ug/l	98
79) 2-Chlorotoluene	12.980	91	19545	0.552	ug/l	77
80) 1,3,5-Trimethylbenzene	13.058	105	189310	4.675	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.731	75	376765	74.105	ug/l #	5
82) 4-Chlorotoluene	12.980	91	19545	0.572	ug/l	77
84) 1,2,4-Trimethylbenzene	13.366	105	328821	8.303	ug/l	95
85) sec-Butylbenzene	13.366	105	328821	6.655	ug/l #	56
86) p-Isopropyltoluene	13.771	119	13042	0.335	ug/l	91
90) Hexachloroethane	14.214	117	5137	0.744	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.573	75	659	0.210	ug/l #	1
95) Naphthalene	15.504	128	42403	4.857	ug/l	98
96) 1,2,3-Trichlorobenzene	15.689	180	475	1.747	ug/l #	1

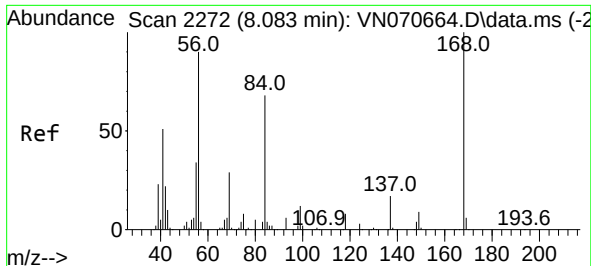
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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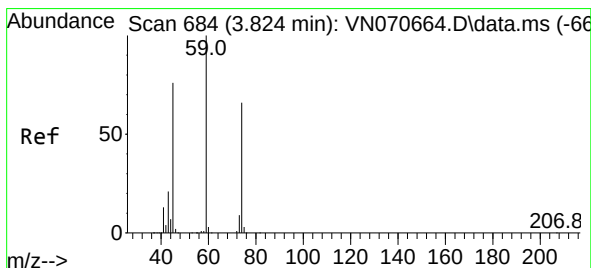
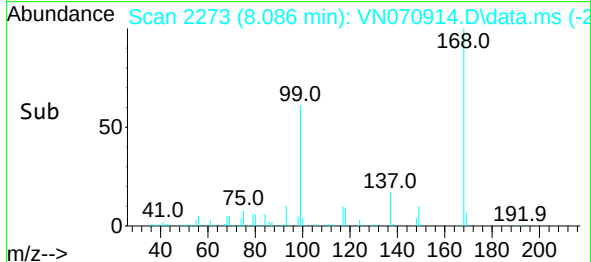
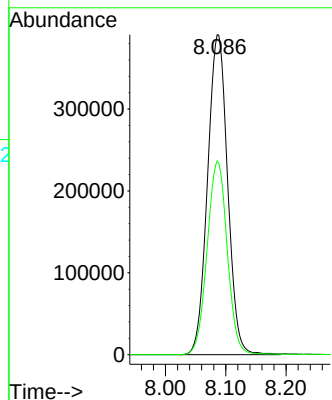
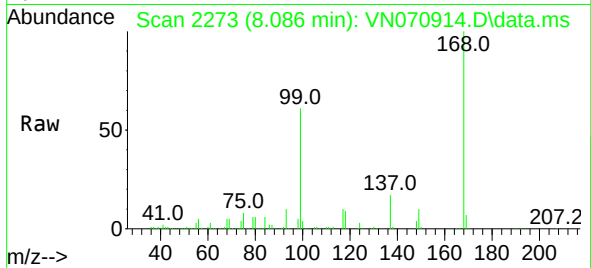




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

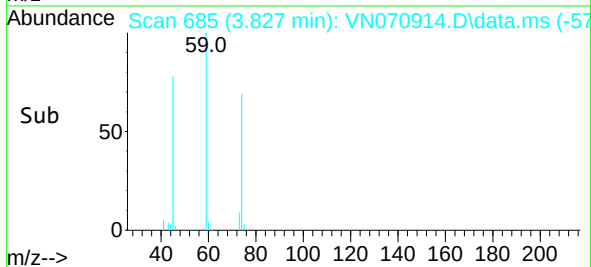
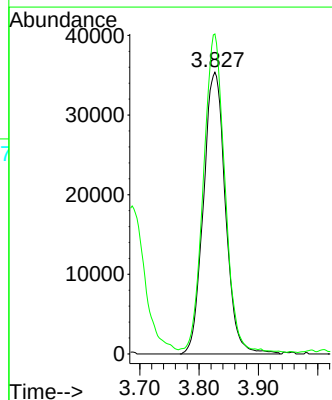
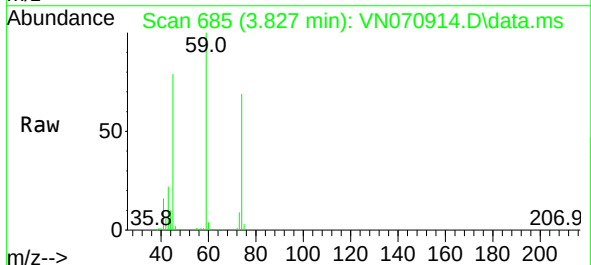
Instrument :
MSVOA_N
ClientSampleId :
31525DL

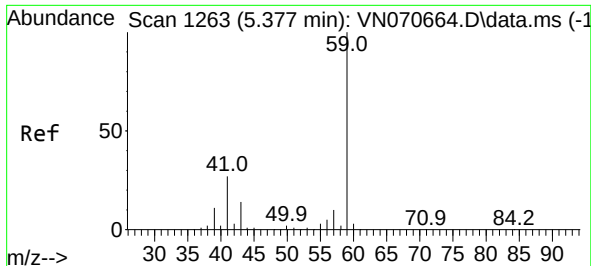
Tgt Ion:168 Resp: 902819
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#8
Diethyl Ether
Concen: 13.304 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 74 Resp: 91078
Ion Ratio Lower Upper
74 100
45 106.7 47.0 141.2





#11

Tert butyl alcohol

Concen: 87.965 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

Instrument :

MSVOA_N

ClientSampleId :

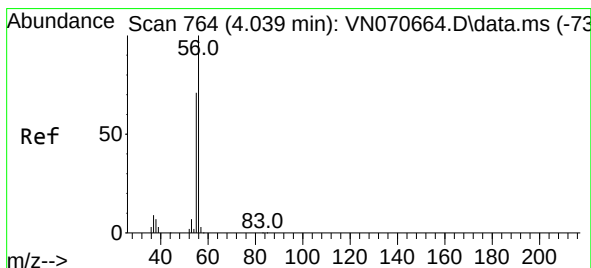
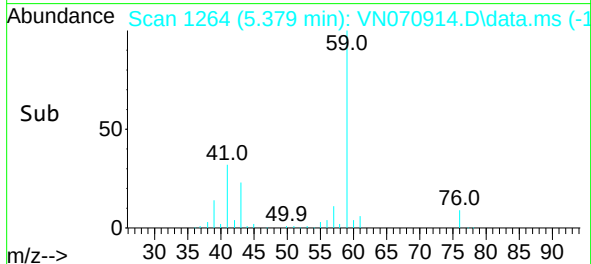
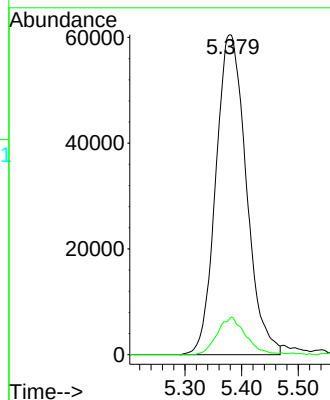
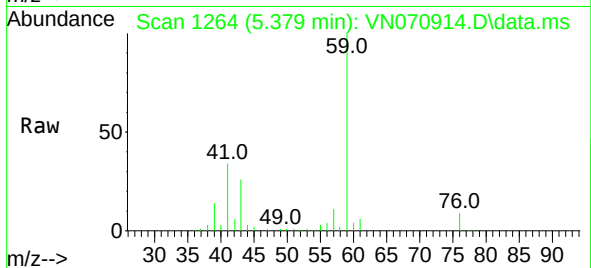
31525DL

Tgt Ion: 59 Resp: 225884

Ion Ratio Lower Upper

59 100

57 11.0 8.7 13.1



#13

Acrolein

Concen: 0.210 ug/l

RT: 4.052 min Scan# 769

Delta R.T. 0.013 min

Lab File: VN070914.D

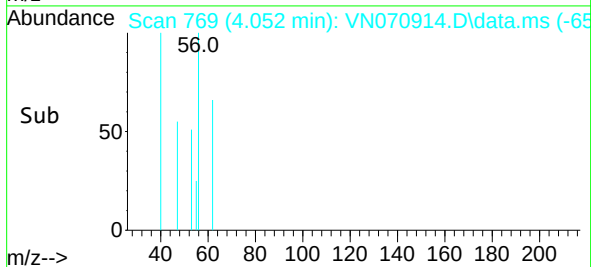
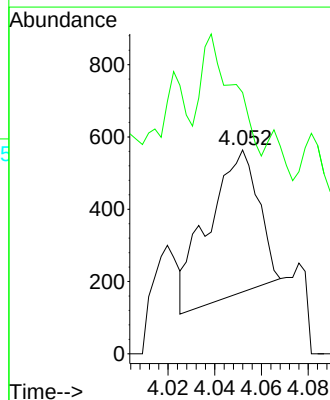
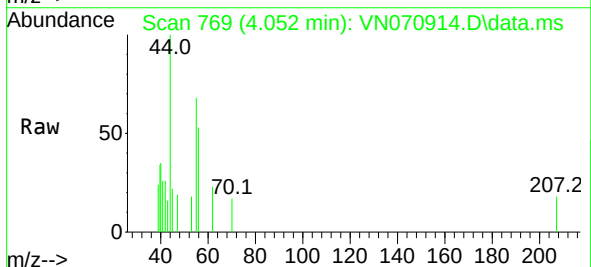
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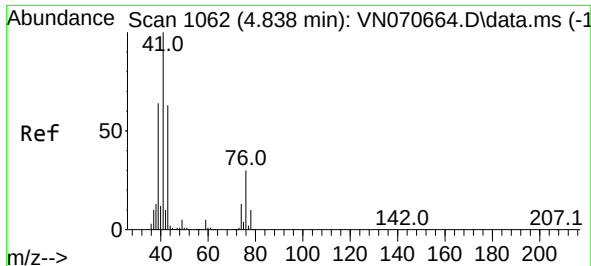
Tgt Ion: 56 Resp: 595

Ion Ratio Lower Upper

56 100

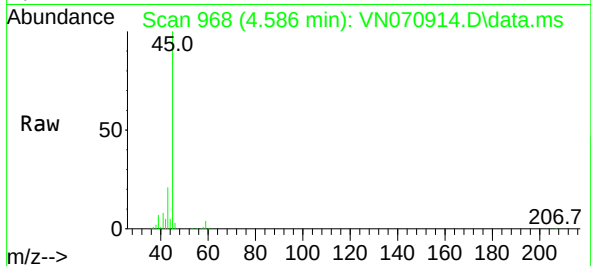
55 53.1 56.6 85.0#



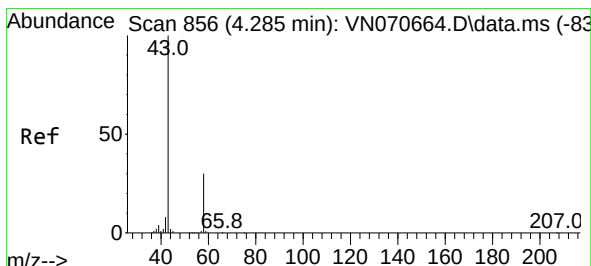
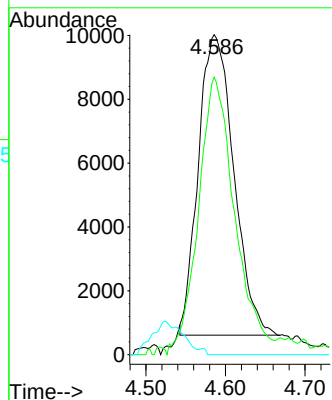
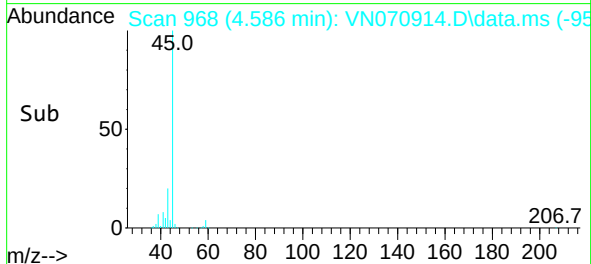


#14
 Allyl chloride
 Concen: 1.405 ug/l
 RT: 4.586 min Scan# 91
 Delta R.T. -0.252 min
 Lab File: VN070914.D
 Acq: 3 Feb 2022 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 31525DL

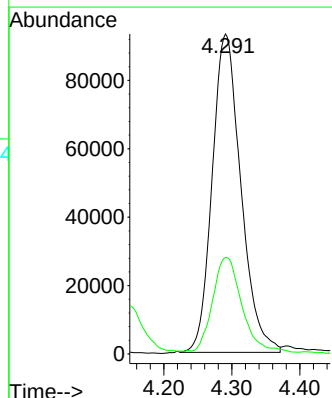
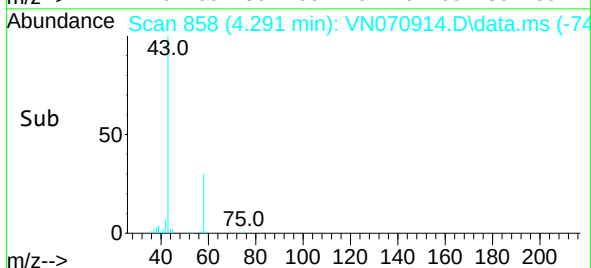
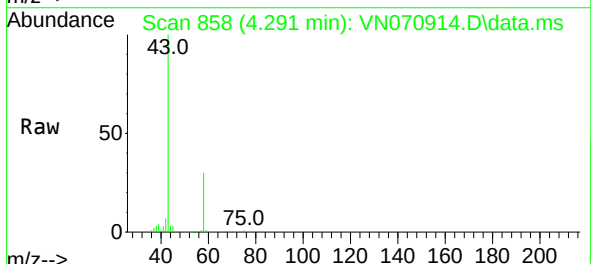


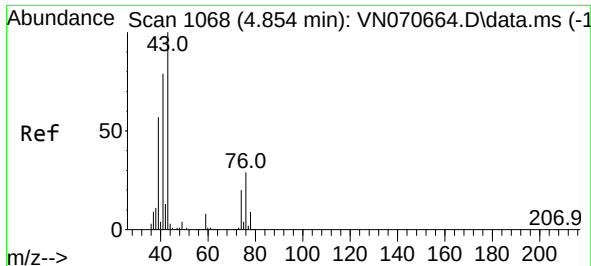
Tgt Ion: 41 Resp: 29126
 Ion Ratio Lower Upper
 41 100
 39 82.2 61.2 91.8
 76 0.0 26.0 39.0#



#16
 Acetone
 Concen: 37.386 ug/l
 RT: 4.291 min Scan# 858
 Delta R.T. 0.006 min
 Lab File: VN070914.D
 Acq: 3 Feb 2022 1:23

Tgt Ion: 43 Resp: 273191
 Ion Ratio Lower Upper
 43 100
 58 29.4 23.1 34.7





#18

Methyl Acetate

Concen: 4.229 ug/l

RT: 4.859 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

Instrument :

MSVOA_N

ClientSampleId :

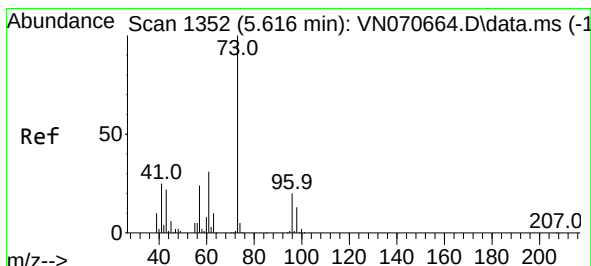
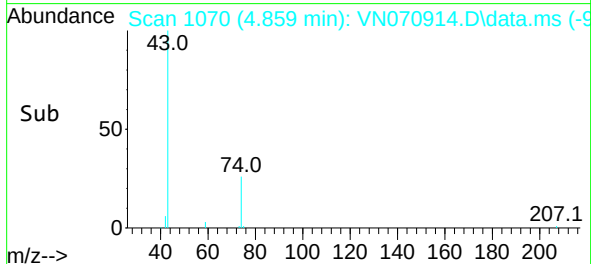
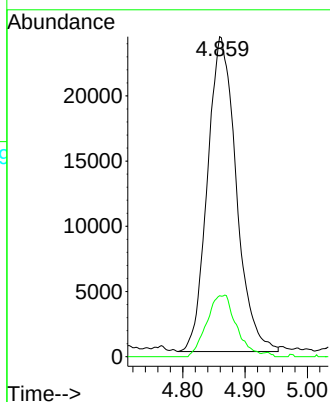
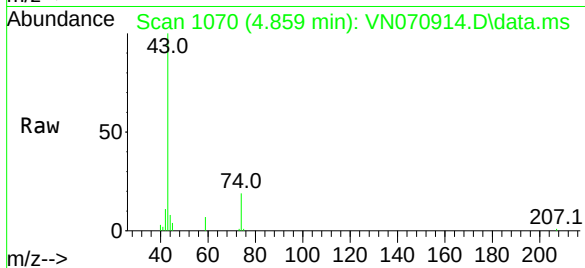
31525DL

Tgt Ion: 43 Resp: 77619

Ion Ratio Lower Upper

43 100

74 19.9 19.4 29.2



#19

Methyl tert-butyl Ether

Concen: 3.508 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.002 min

Lab File: VN070914.D

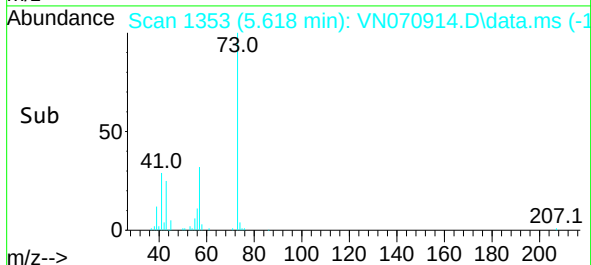
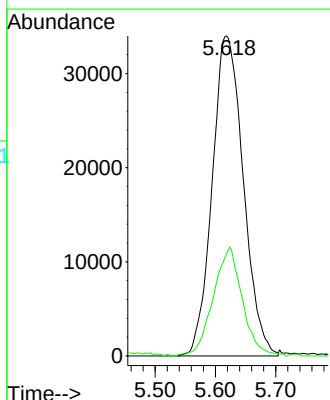
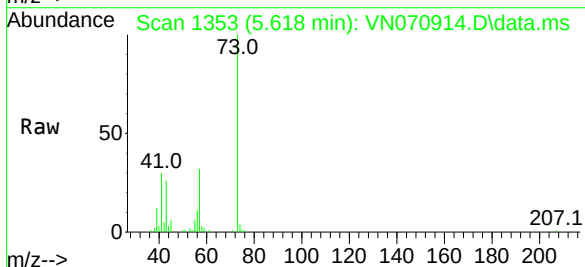
Acq: 3 Feb 2022 1:23

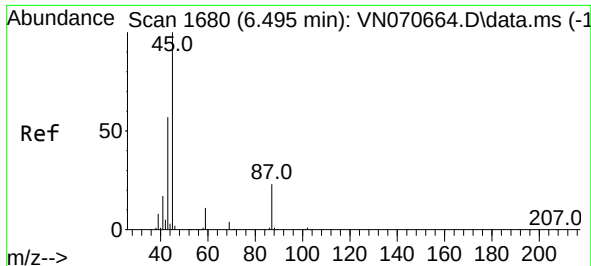
Tgt Ion: 73 Resp: 121854

Ion Ratio Lower Upper

73 100

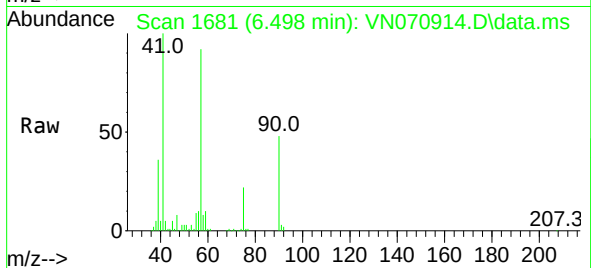
57 31.2 16.8 25.2#



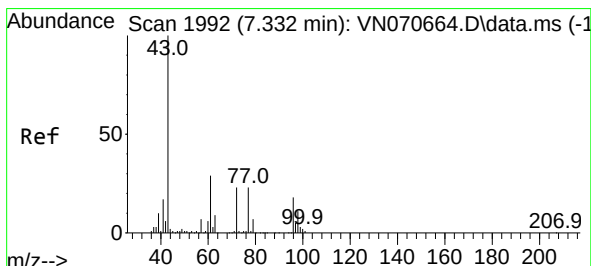
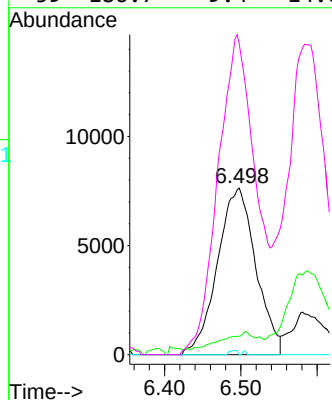
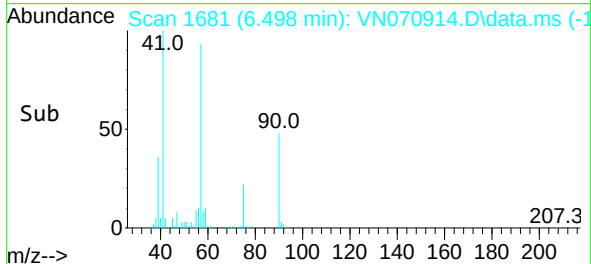


#22
Diisopropyl ether
Concen: 0.667 ug/l
RT: 6.498 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

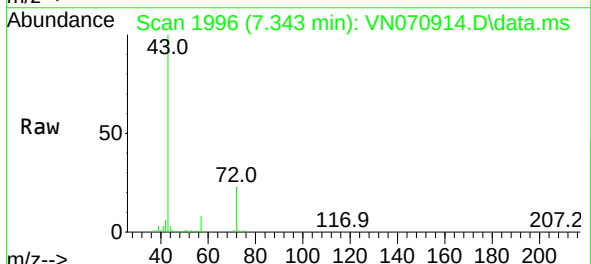
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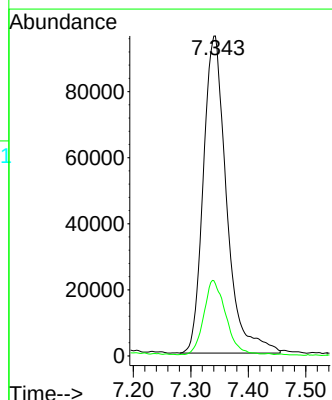
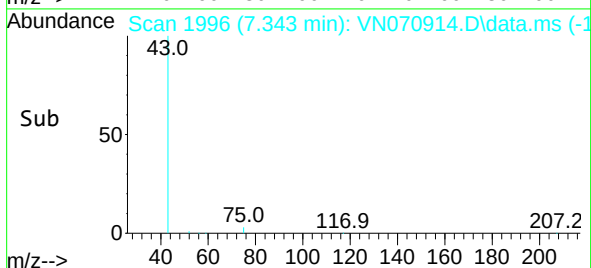
Tgt Ion: 45 Resp: 26776
Ion Ratio Lower Upper
45 100
43 7.4 51.7 77.5#
87 0.0 23.2 34.8#
59 186.7 9.4 14.0#

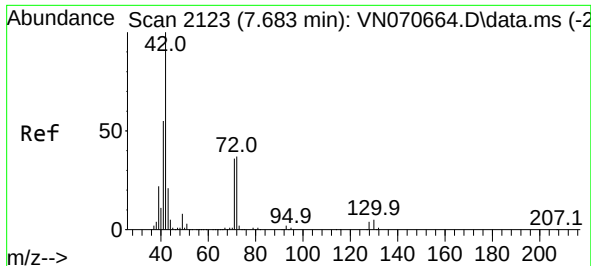


#25
2-Butanone
Concen: 25.557 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23



Tgt Ion: 43 Resp: 269573
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.430 ug/l

RT: 7.699 min Scan# 2123

Delta R.T. 0.013 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

Instrument :

MSVOA_N

ClientSampleId :

31525DL

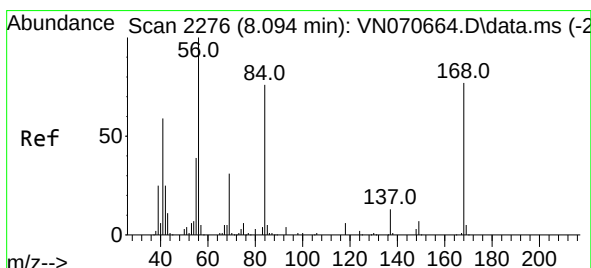
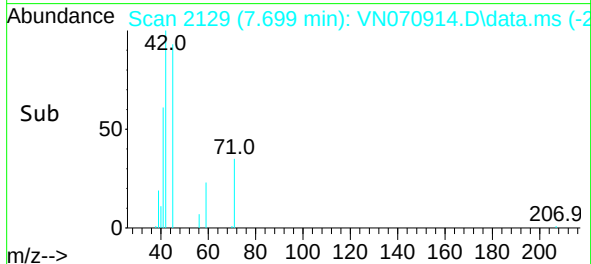
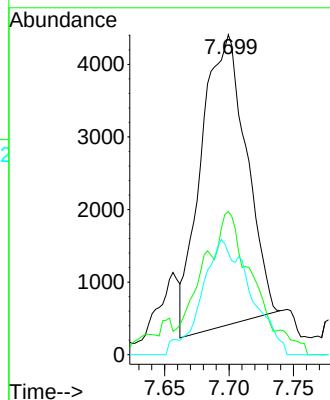
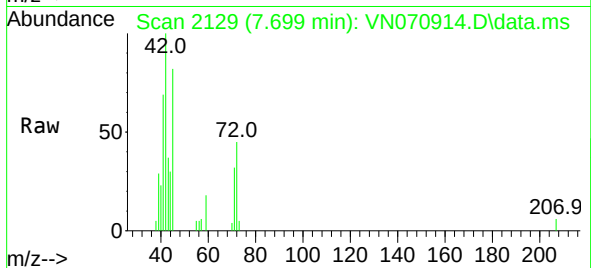
Tgt Ion: 42 Resp: 9800

Ion Ratio Lower Upper

42 100

72 37.9 36.3 54.5

71 42.7 34.7 52.1



#31

Cyclohexane

Concen: 2.662 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

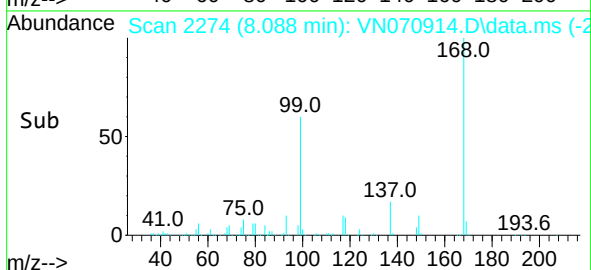
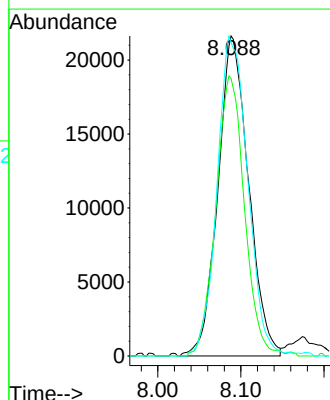
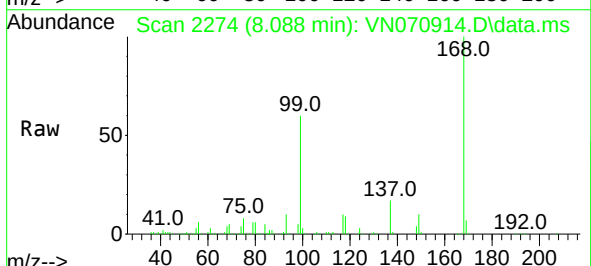
Tgt Ion: 56 Resp: 55270

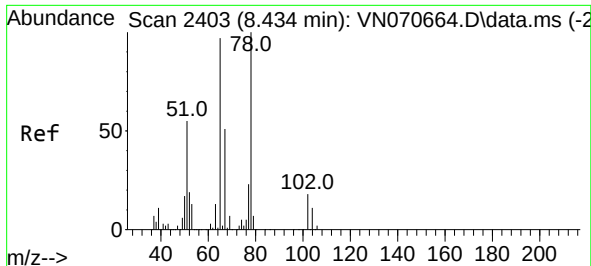
Ion Ratio Lower Upper

56 100

69 86.7 27.1 40.7#

84 98.0 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 48.511 ug/l

RT: 8.437 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

Instrument :

MSVOA_N

ClientSampleId :

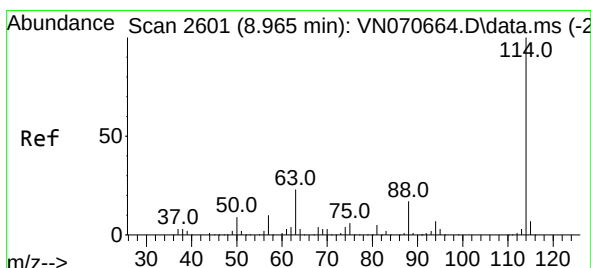
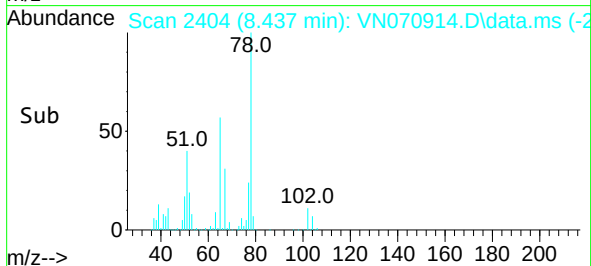
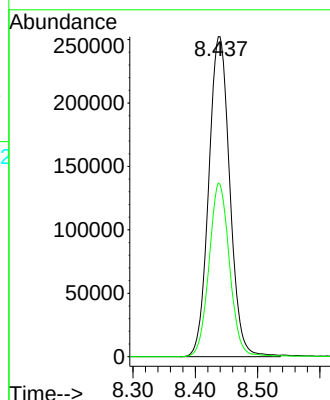
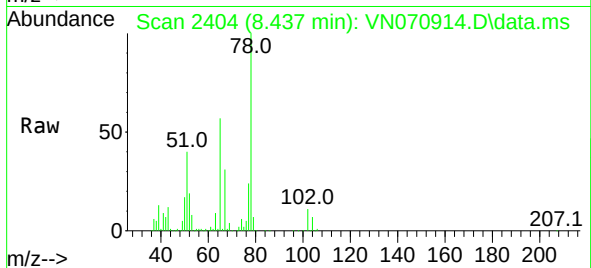
31525DL

Tgt Ion: 65 Resp: 592836

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.002 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

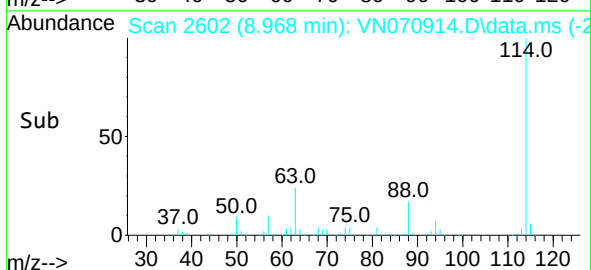
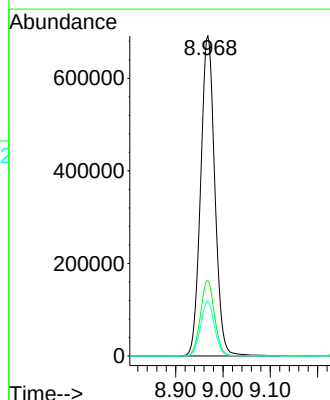
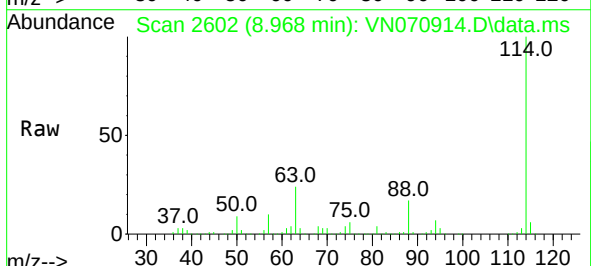
Tgt Ion: 114 Resp: 1439135

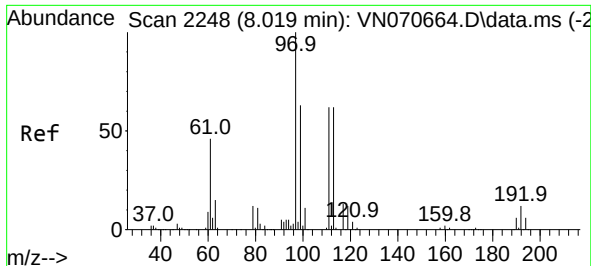
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 17.0 0.0 27.4

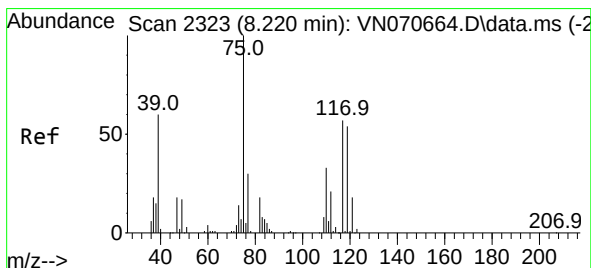
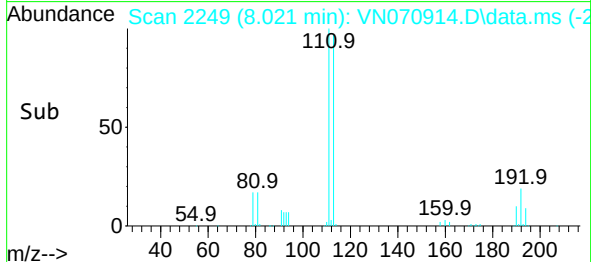
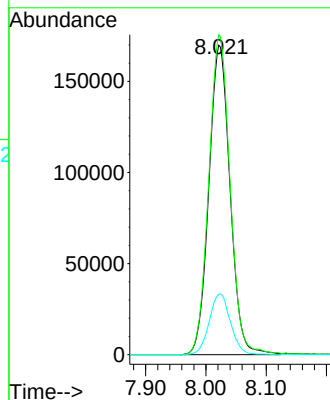
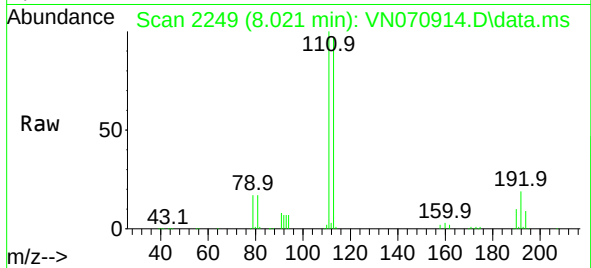




#35
Dibromofluoromethane
Concen: 48.074 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

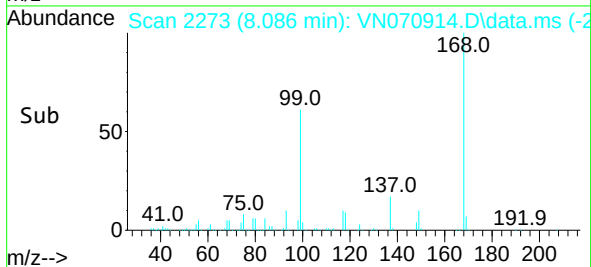
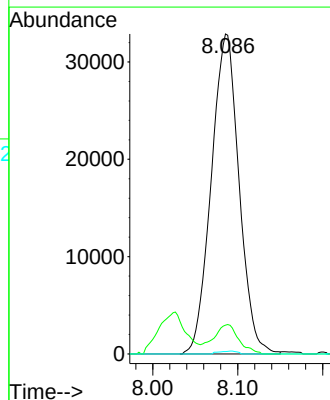
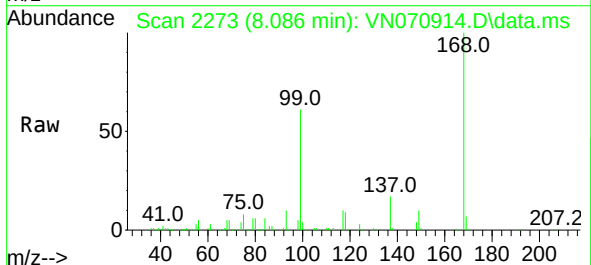
Instrument :
MSVOA_N
ClientSampleId :
31525DL

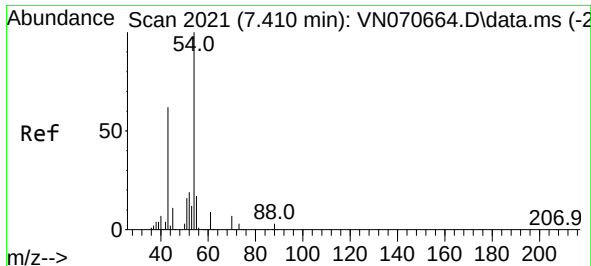
Tgt Ion:113 Resp: 414457
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.339 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 75 Resp: 74771
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 13.965 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. -0.070 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

Instrument :

MSVOA_N

ClientSampleId :

31525DL

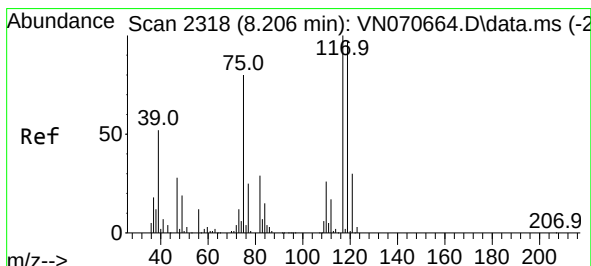
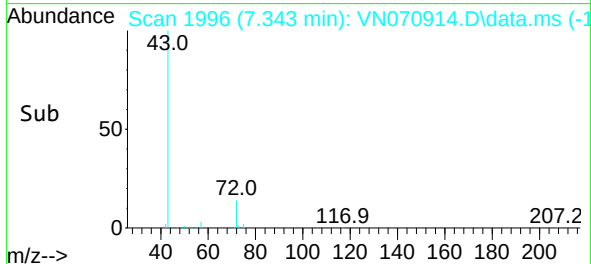
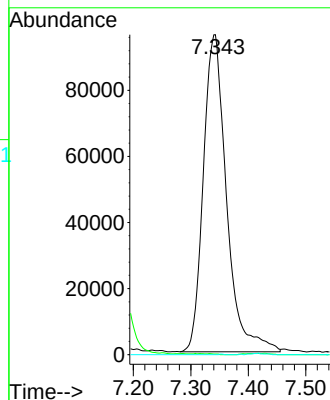
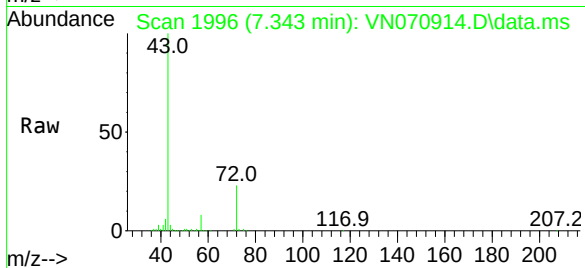
Tgt Ion: 43 Resp: 269573

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 7.142 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

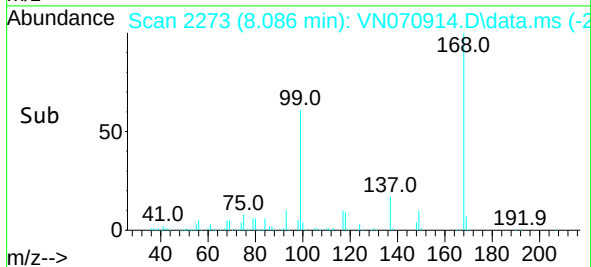
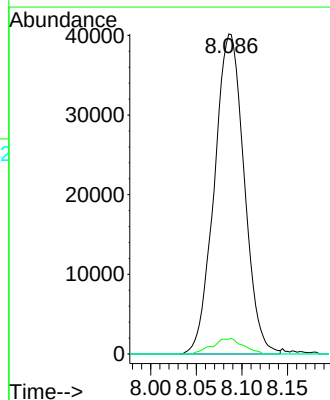
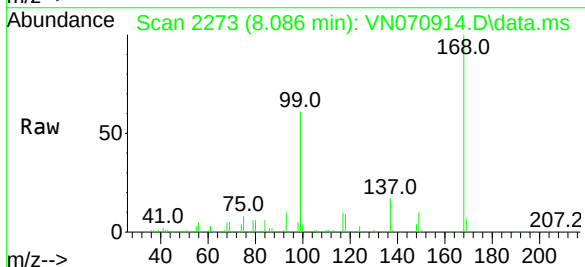
Tgt Ion: 117 Resp: 91347

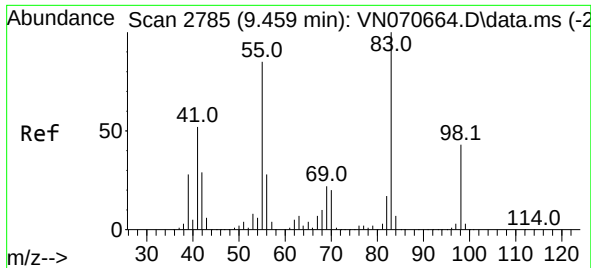
Ion Ratio Lower Upper

117 100

119 4.7 76.1 114.1#

121 0.0 24.2 36.2#

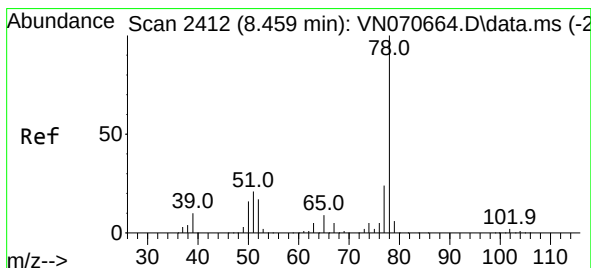
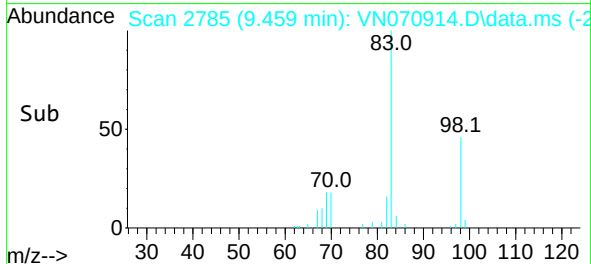
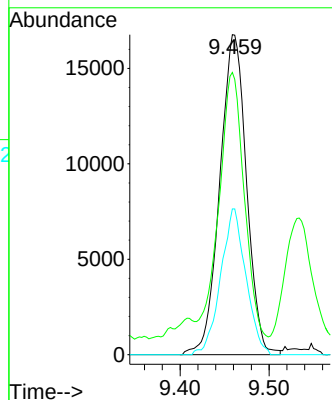
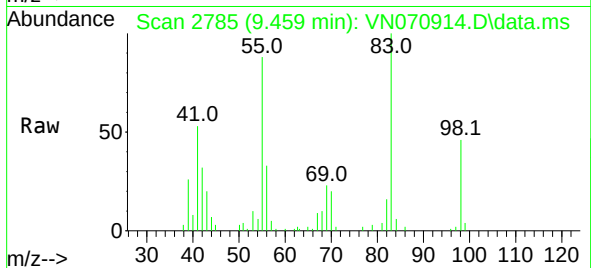




#39
Methylcyclohexane
Concen: 2.030 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

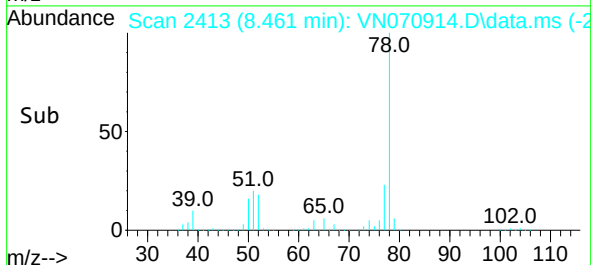
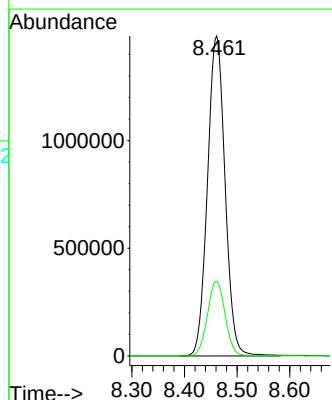
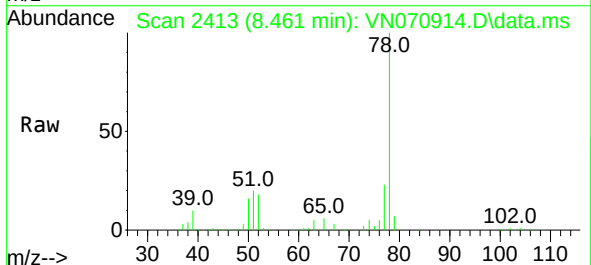
Instrument :
MSVOA_N
ClientSampleId :
31525DL

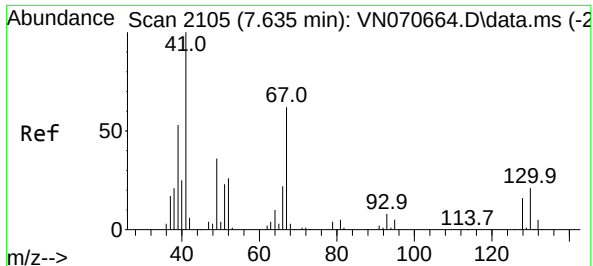
Tgt Ion: 83 Resp: 34953
Ion Ratio Lower Upper
83 100
55 79.0 58.1 87.1
98 45.5 38.4 57.6



#40
Benzene
Concen: 78.415 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 78 Resp: 3450390
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8

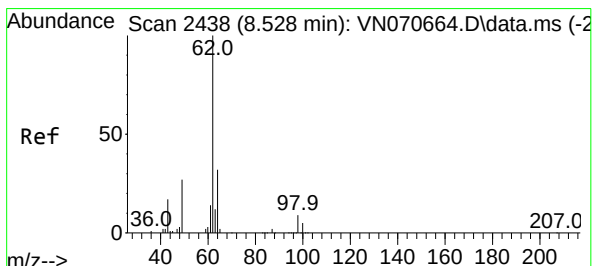
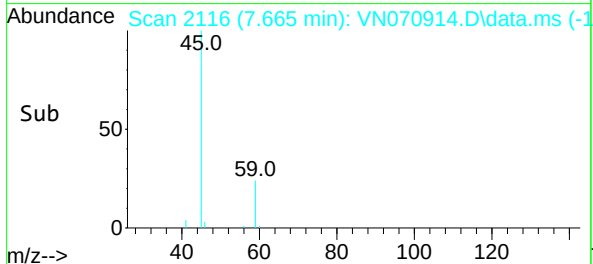
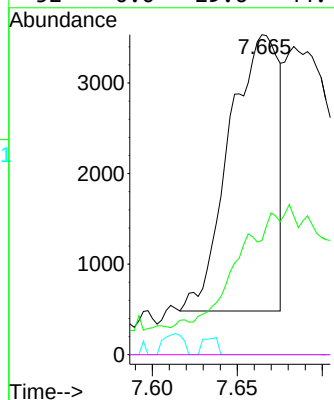
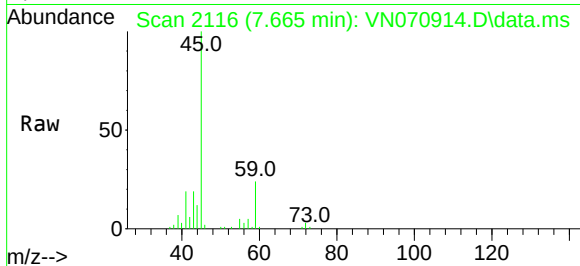




#41
Methacrylonitrile
Concen: 0.634 ug/l
RT: 7.665 min Scan# 2105
Delta R.T. 0.030 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

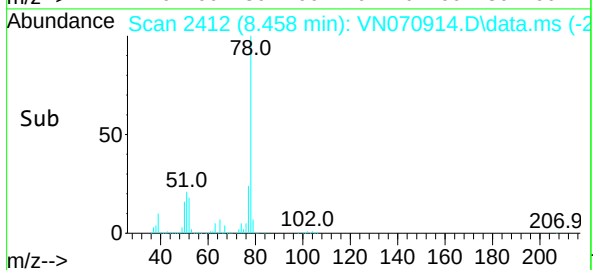
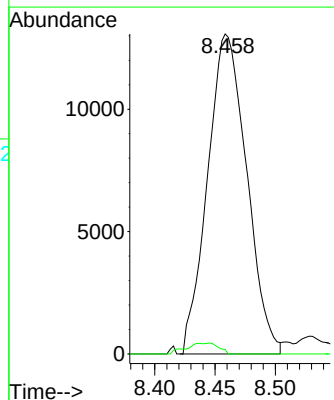
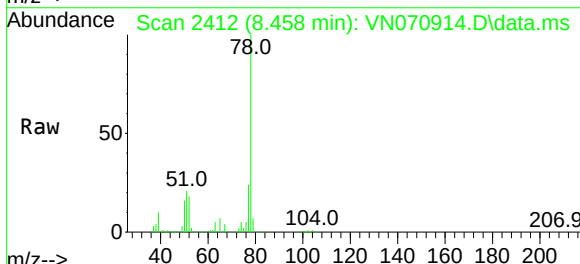
Instrument :
MSVOA_N
ClientSampleId :
31525DL

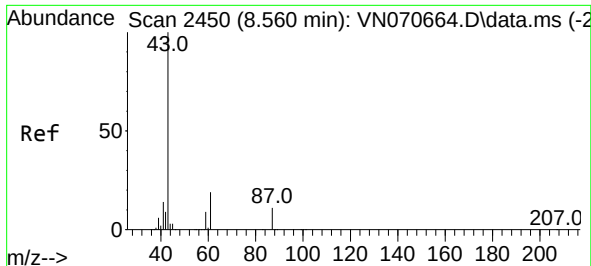
Tgt Ion: 41 Resp: 6147
Ion Ratio Lower Upper
41 100
39 2.6 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 1.971 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.070 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 62 Resp: 29522
Ion Ratio Lower Upper
62 100
98 2.8 0.0 17.6

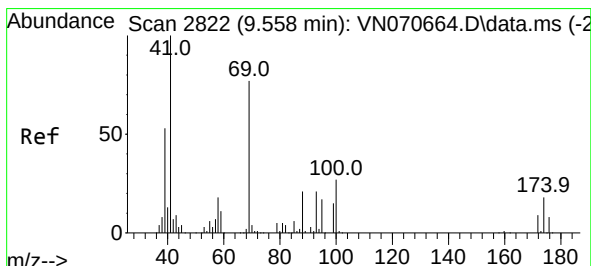
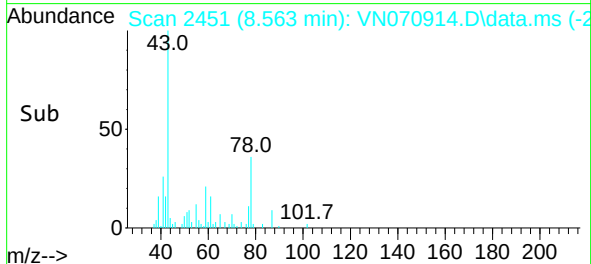
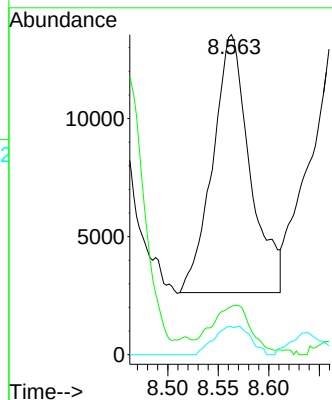
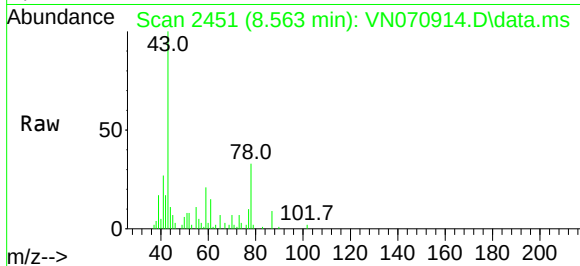




#43
Isopropyl Acetate
Concen: 0.865 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

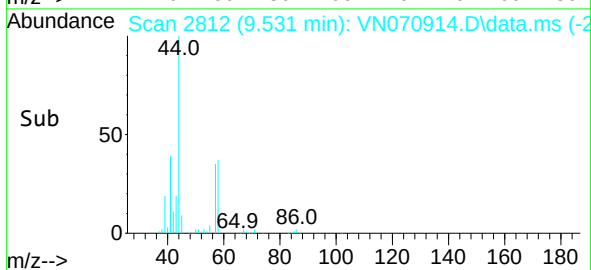
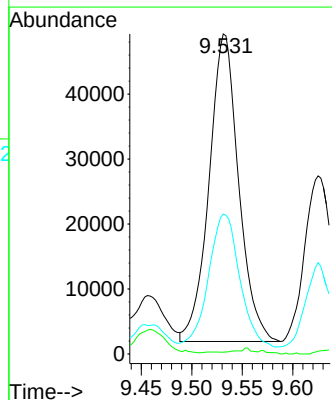
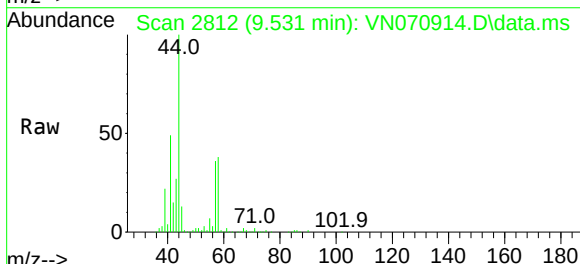
Instrument :
MSVOA_N
ClientSampleId :
31525DL

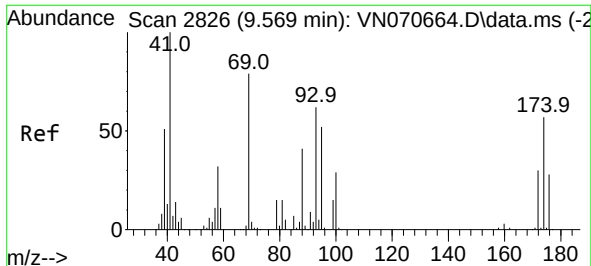
Tgt Ion: 43 Resp: 28082
Ion Ratio Lower Upper
43 100
61 17.2 20.4 30.6#
87 6.1 11.2 16.8#



#48
Methyl methacrylate
Concen: 6.891 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.027 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 41 Resp: 96409
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 45.3 58.4 87.6#

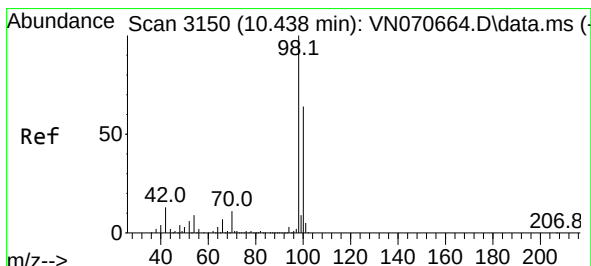
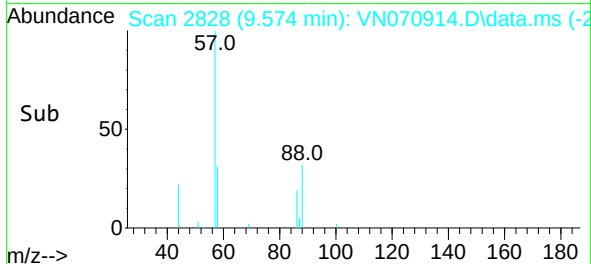
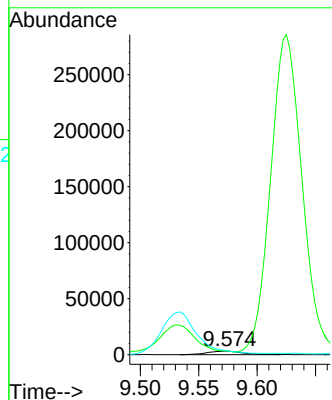
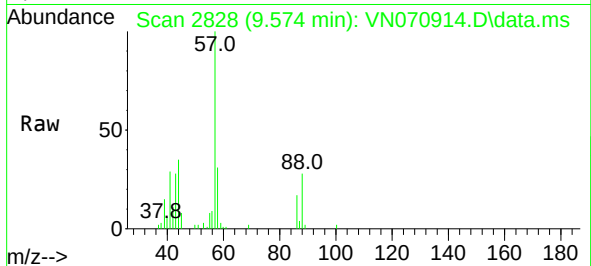




#49
1,4-Dioxane
Concen: 28.804 ug/l
RT: 9.574 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

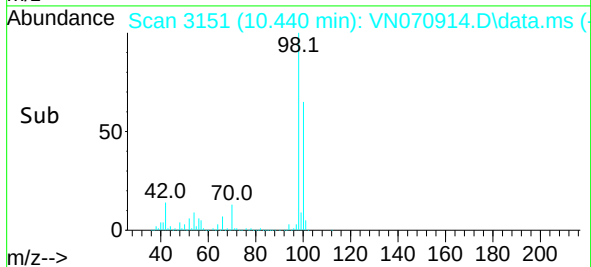
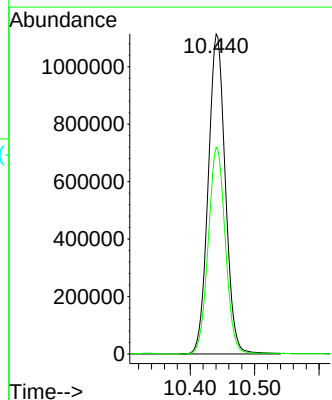
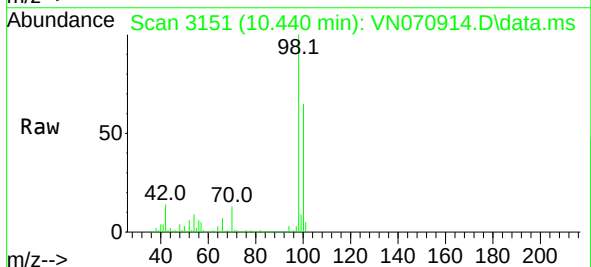
Instrument :
MSVOA_N
ClientSampleId :
31525DL

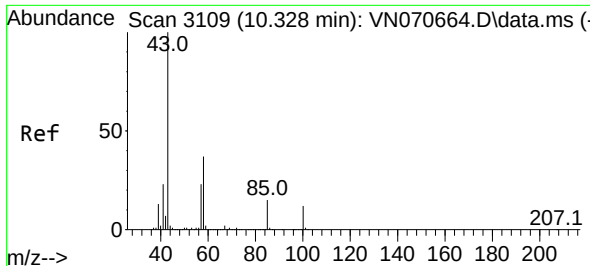
Tgt Ion: 88 Resp: 6751
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 57.926 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 98 Resp: 2050442
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6

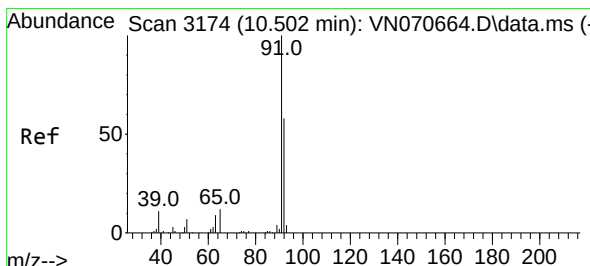
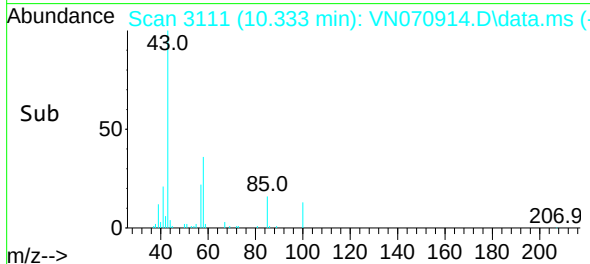
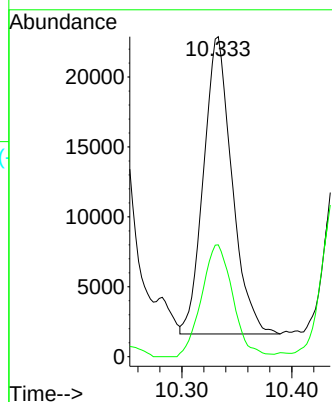
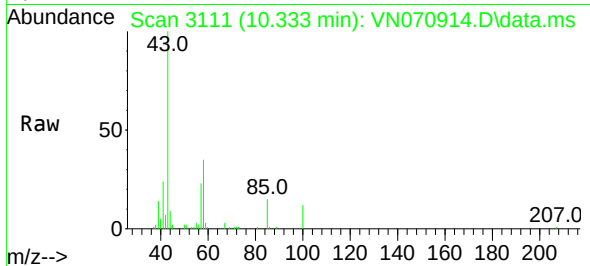




#51
4-Methyl-2-Pentanone
Concen: 2.004 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

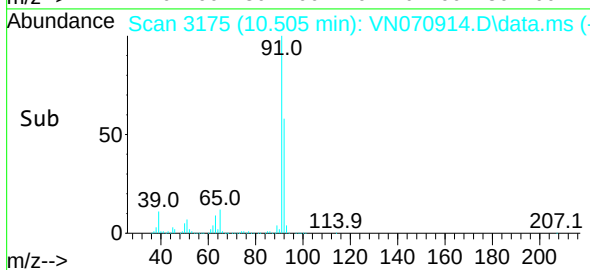
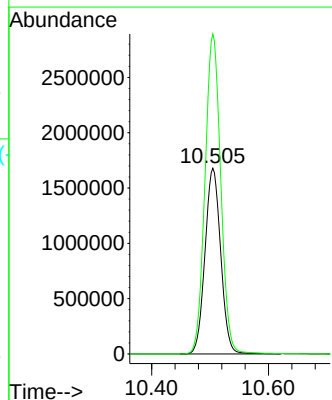
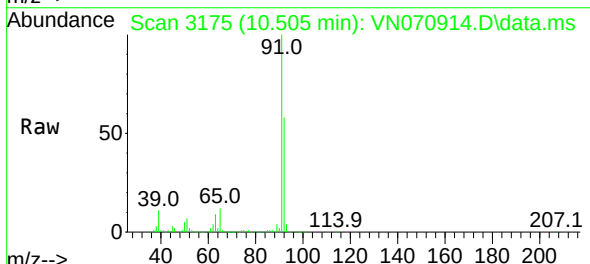
Instrument :
MSVOA_N
ClientSampleId :
31525DL

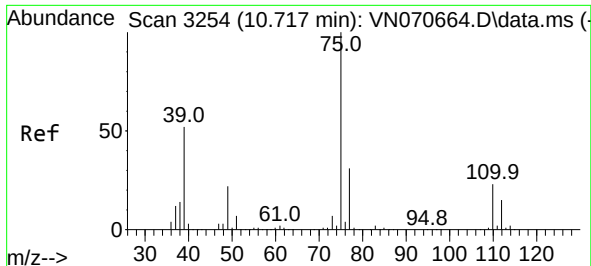
Tgt Ion: 43 Resp: 38279
Ion Ratio Lower Upper
43 100
58 41.2 30.4 45.6



#52
Toluene
Concen: 114.842 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 92 Resp: 3131007
Ion Ratio Lower Upper
92 100
91 172.9 142.0 213.0

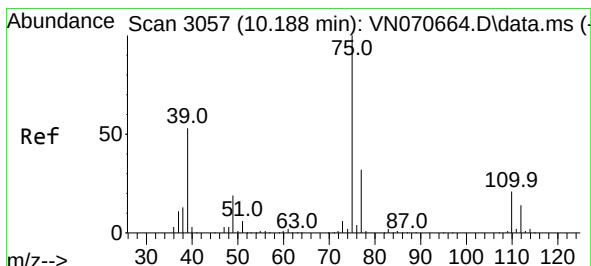
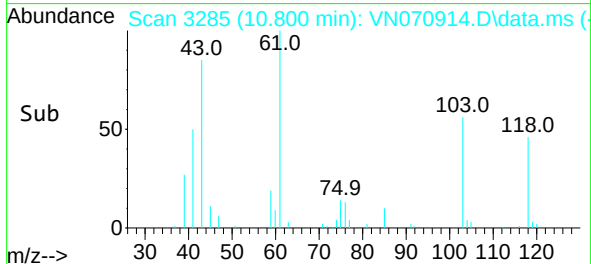
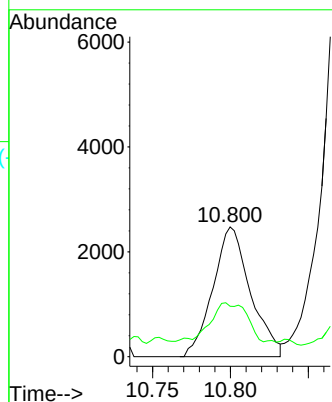
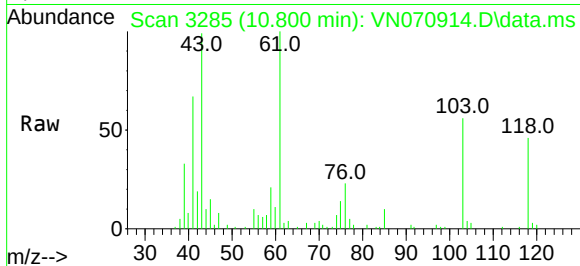




#53
t-1,3-Dichloropropene
Concen: 0.258 ug/l
RT: 10.800 min Scan# 31
Delta R.T. 0.083 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

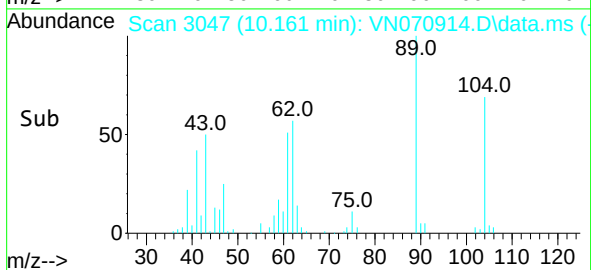
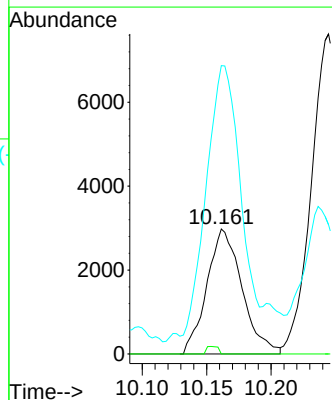
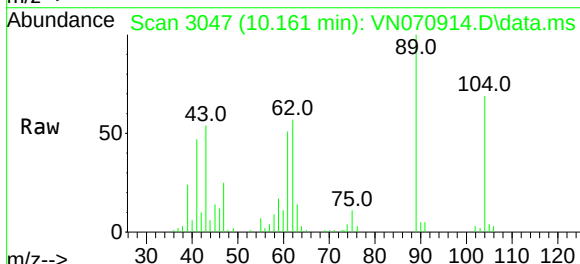
Instrument :
MSVOA_N
ClientSampleId :
31525DL

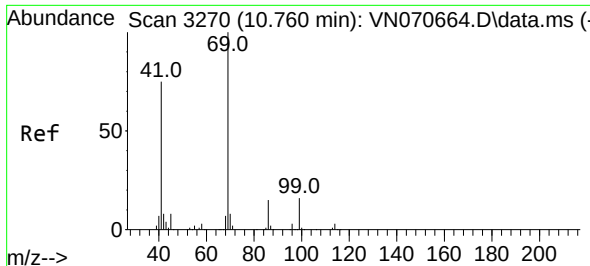
Tgt Ion: 75 Resp: 4147
Ion Ratio Lower Upper
75 100
77 27.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 0.323 ug/l
RT: 10.161 min Scan# 3047
Delta R.T. -0.027 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 75 Resp: 5645
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 216.5 42.5 63.7#

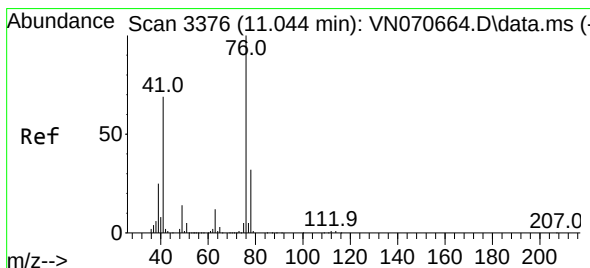
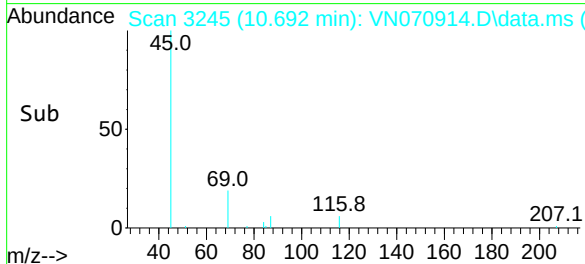
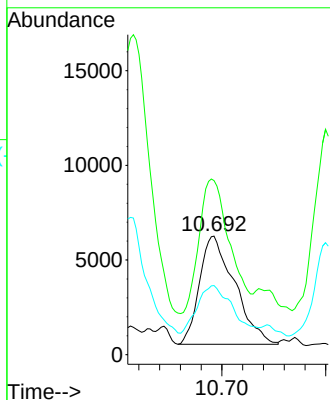
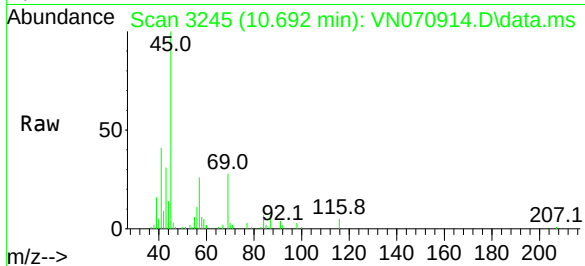




#56
Ethyl methacrylate
Concen: 0.748 ug/l
RT: 10.692 min Scan# 31
Delta R.T. -0.068 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

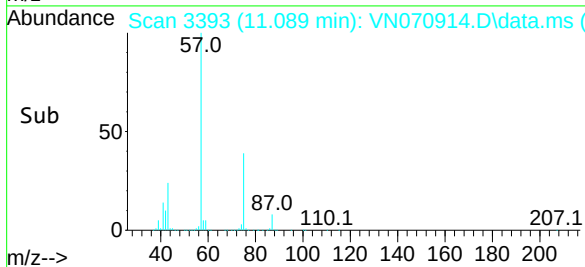
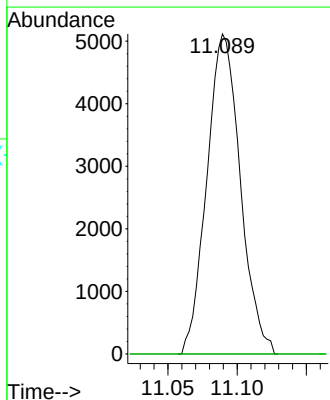
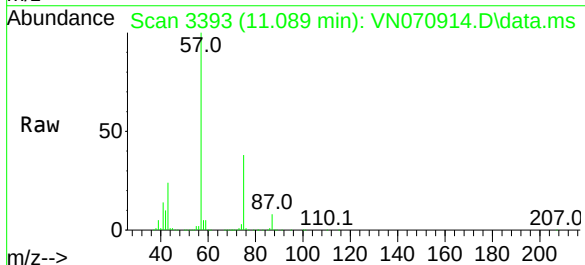
Instrument :
MSVOA_N
ClientSampleId :
31525DL

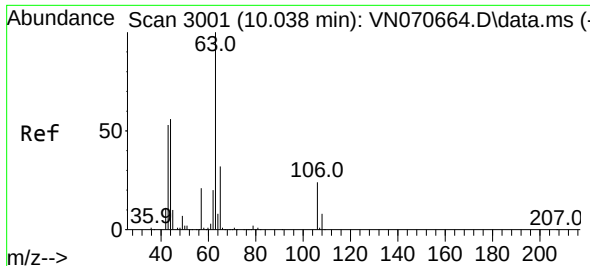
Tgt Ion: 69 Resp: 13497
Ion Ratio Lower Upper
69 100
41 108.6 51.4 77.0#
39 0.0 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 0.474 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.045 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 76 Resp: 8600
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

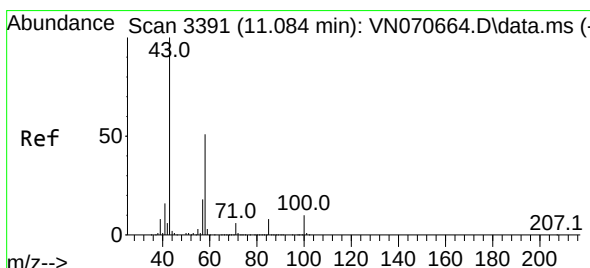
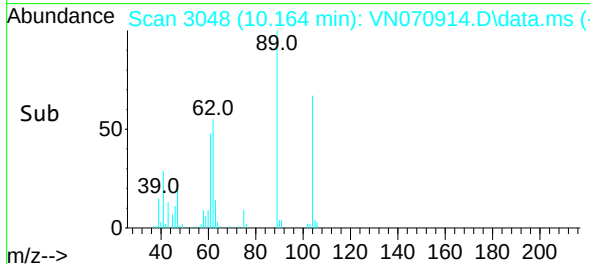
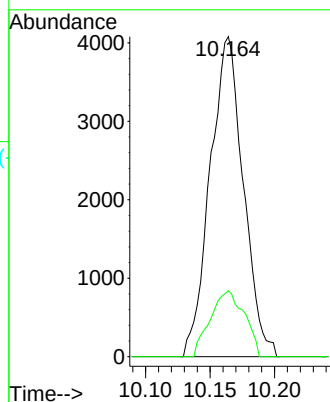
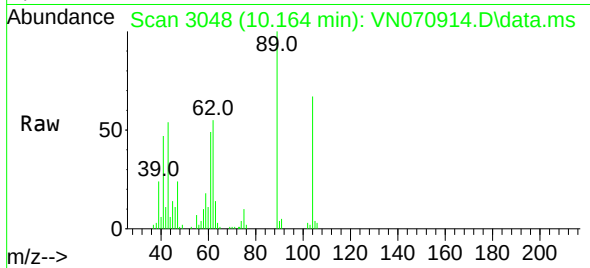




#58
2-Chloroethyl Vinyl ether
Concen: 21.030 ug/l
RT: 10.164 min Scan# 3001
Delta R.T. 0.123 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

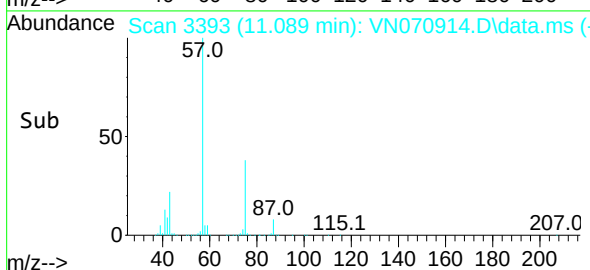
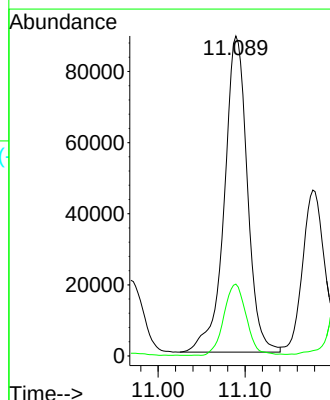
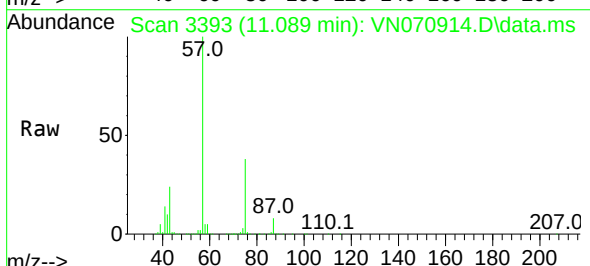
Instrument :
MSVOA_N
ClientSampleId :
31525DL

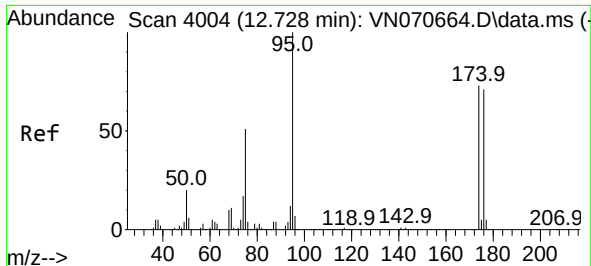
Tgt Ion: 63 Resp: 7315
Ion Ratio Lower Upper
63 100
106 21.1 23.9 35.9#



#59
2-Hexanone
Concen: 11.763 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 43 Resp: 164039
Ion Ratio Lower Upper
43 100
58 22.0 26.9 80.7#

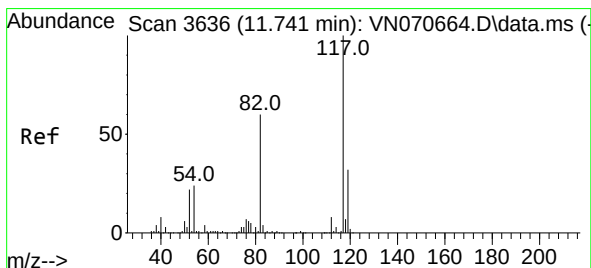
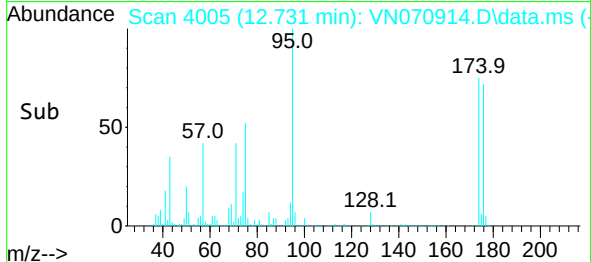
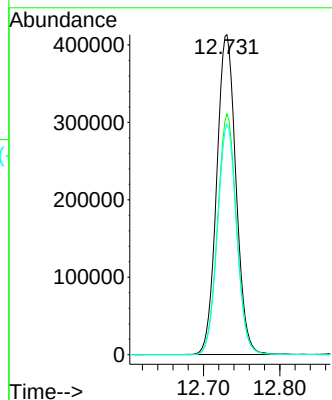
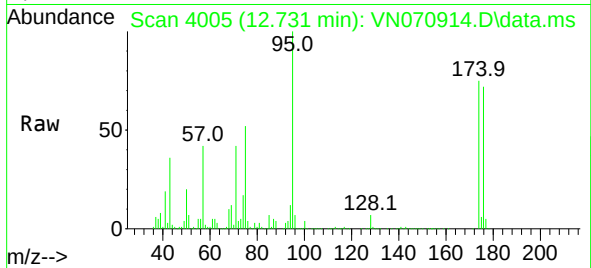




#62
4-Bromofluorobenzene
Concen: 56.906 ug/l
RT: 12.731 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

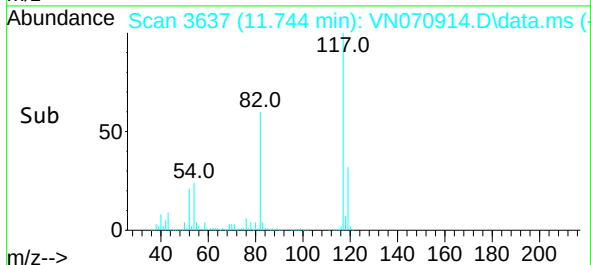
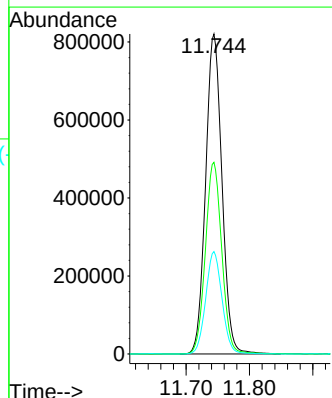
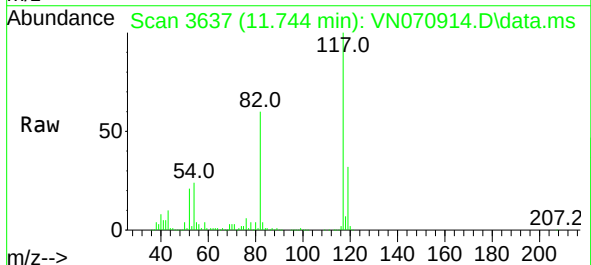
Instrument :
MSVOA_N
ClientSampleId :
31525DL

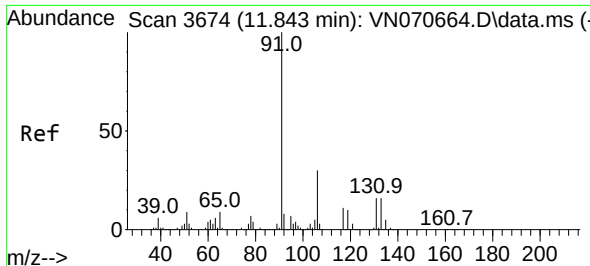
Tgt Ion: 95 Resp: 725815
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 117 Resp: 1472539
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.0 25.4 38.2

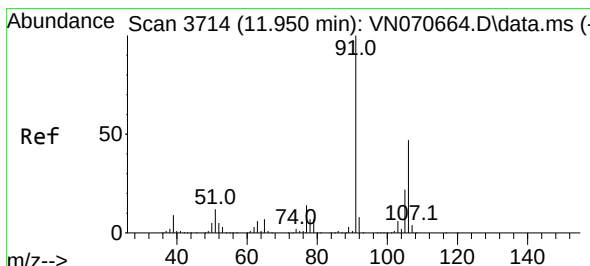
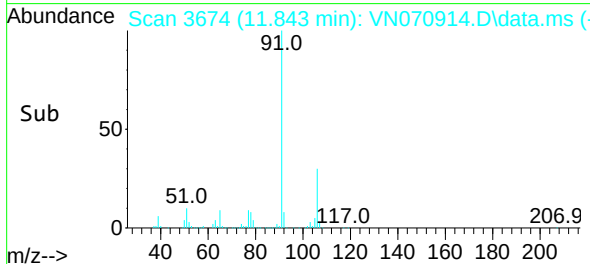
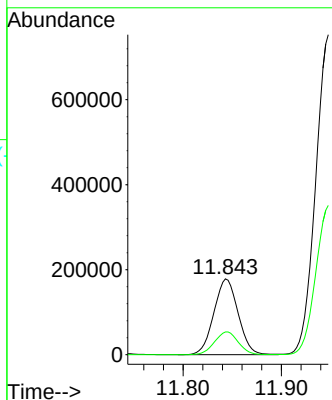
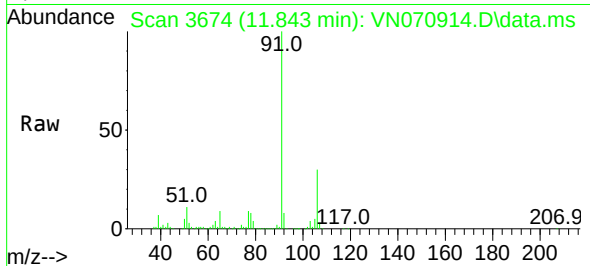




#67
Ethyl Benzene
Concen: 5.442 ug/l
RT: 11.843 min Scan# 307
Delta R.T. 0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

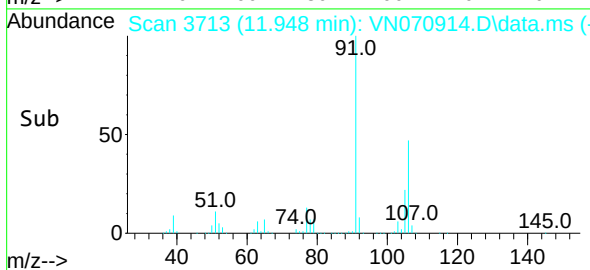
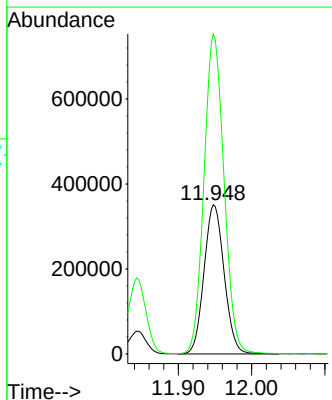
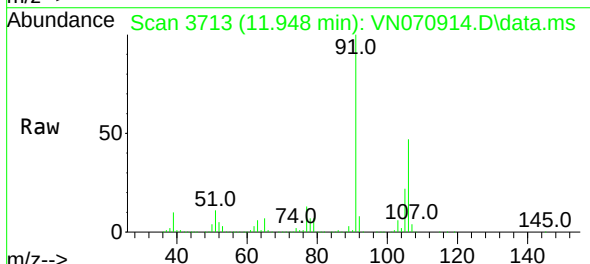
Instrument :
MSVOA_N
ClientSampleId :
31525DL

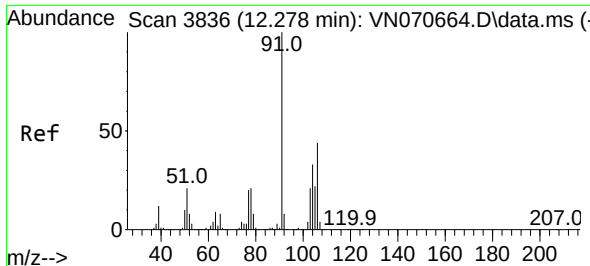
Tgt Ion: 91 Resp: 305728
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5



#68
m/p-Xylenes
Concen: 32.094 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion:106 Resp: 668090
Ion Ratio Lower Upper
106 100
91 213.2 160.6 240.8

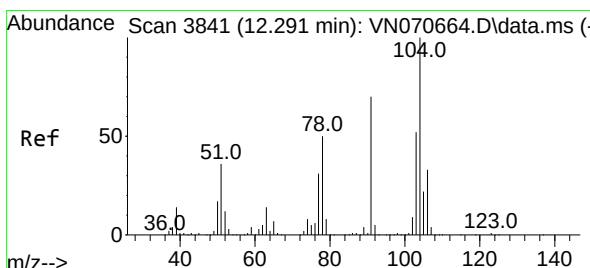
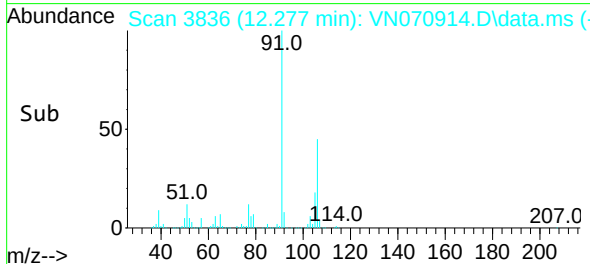
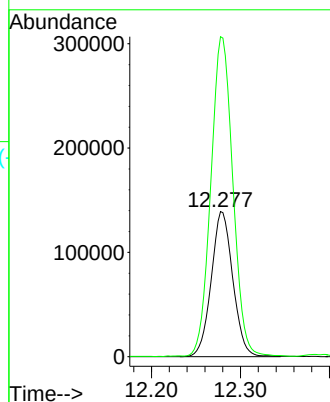
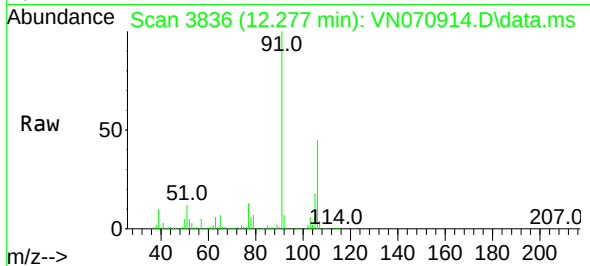




#69
o-Xylene
Concen: 11.229 ug/l
RT: 12.277 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

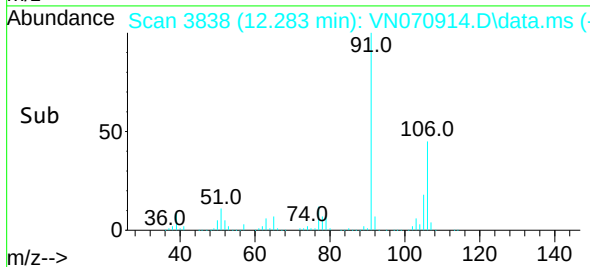
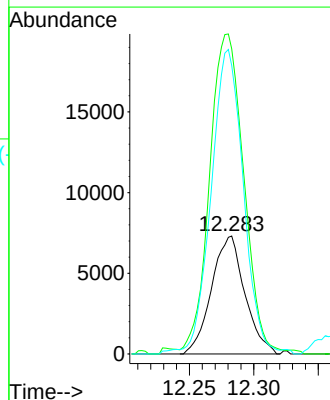
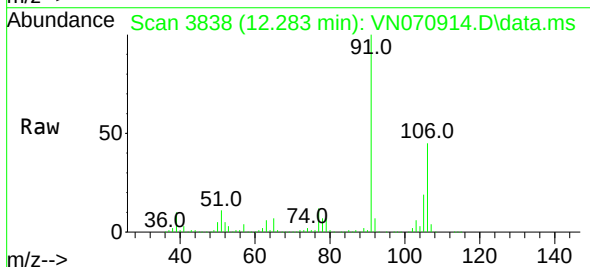
Instrument :
MSVOA_N
ClientSampleId :
31525DL

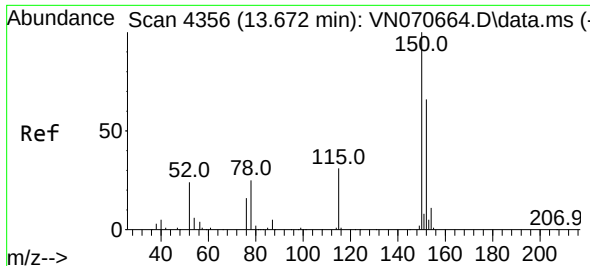
Tgt Ion:106 Resp: 233938
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3



#70
Styrene
Concen: 0.399 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.011 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion:104 Resp: 13108
Ion Ratio Lower Upper
104 100
78 279.3 38.7 58.1#
103 249.9 45.0 67.6#

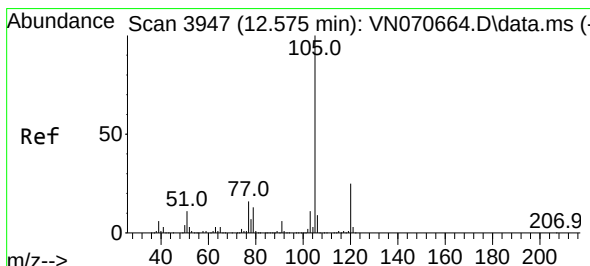
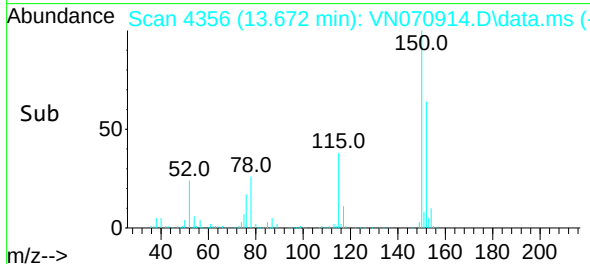
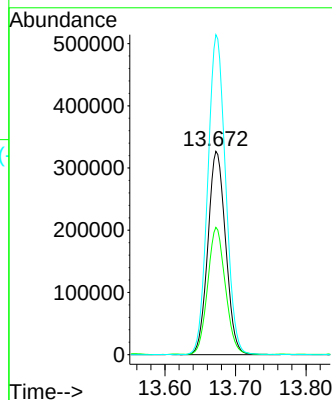
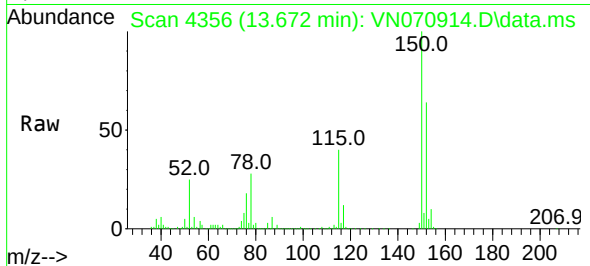




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

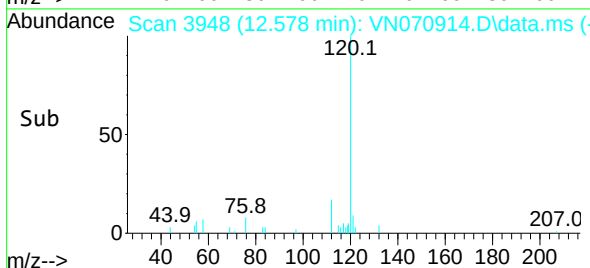
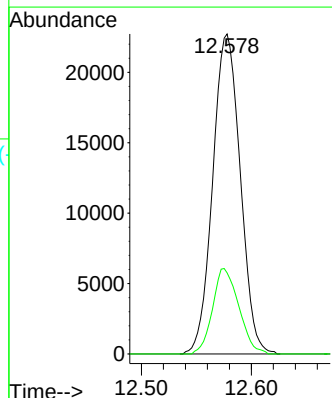
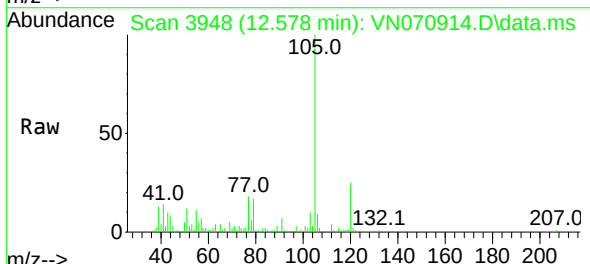
Instrument :
MSVOA_N
ClientSampleId :
31525DL

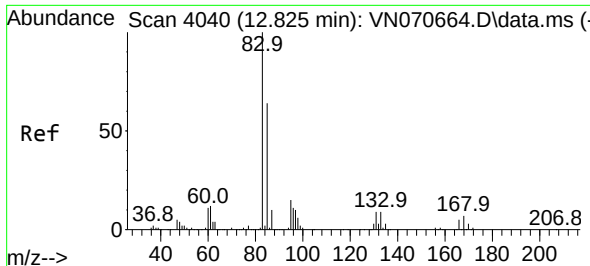
Tgt Ion:152 Resp: 572564
Ion Ratio Lower Upper
152 100
115 62.3 27.5 82.5
150 157.7 0.0 344.4



#73
Isopropylbenzene
Concen: 0.791 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion:105 Resp: 39526
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

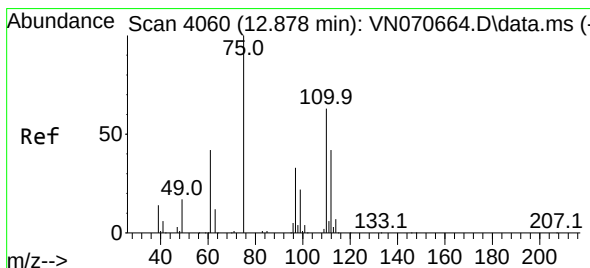
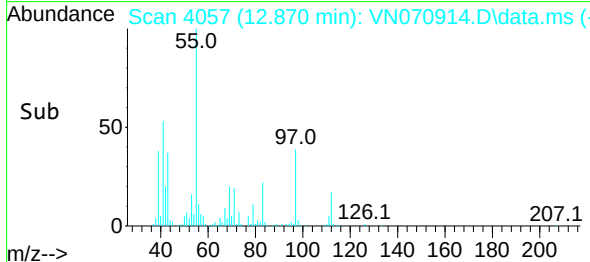
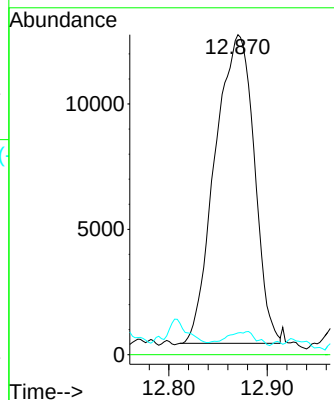
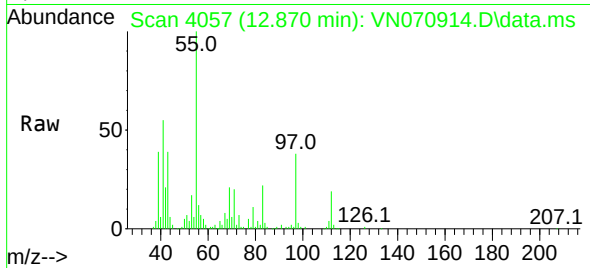




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.969 ug/l
 RT: 12.870 min Scan# 4040
 Delta R.T. 0.045 min
 Lab File: VN070914.D
 Acq: 3 Feb 2022 1:23

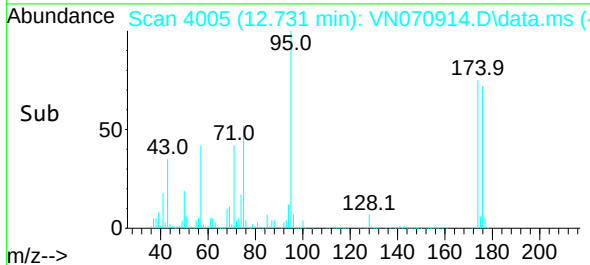
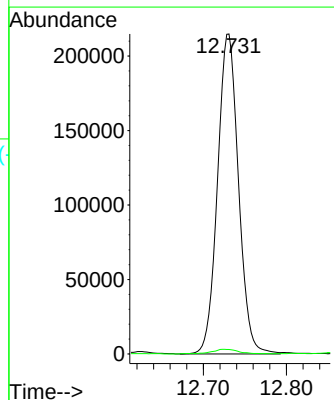
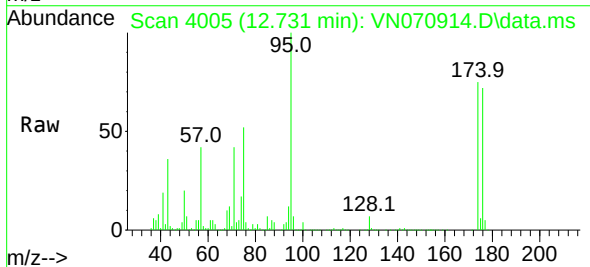
Instrument :
 MSVOA_N
 ClientSampleId :
 31525DL

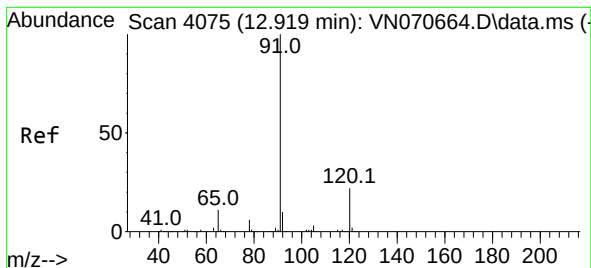
Tgt Ion: 83 Resp: 34066
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 27.338 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070914.D
 Acq: 3 Feb 2022 1:23

Tgt Ion: 75 Resp: 376765
 Ion Ratio Lower Upper
 75 100
 77 1.6 82.6 247.8#





#78

n-propylbenzene

Concen: 0.509 ug/l

RT: 12.918 min Scan# 4075

Delta R.T. -0.001 min

Lab File: VN070914.D

Acq: 3 Feb 2022 1:23

Instrument :

MSVOA_N

ClientSampleId :

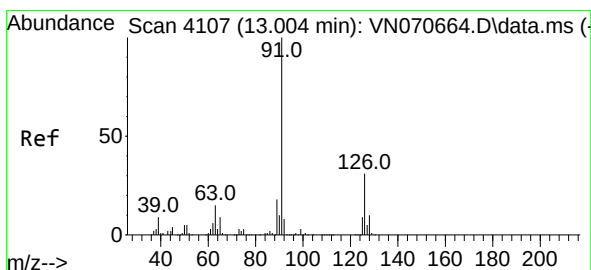
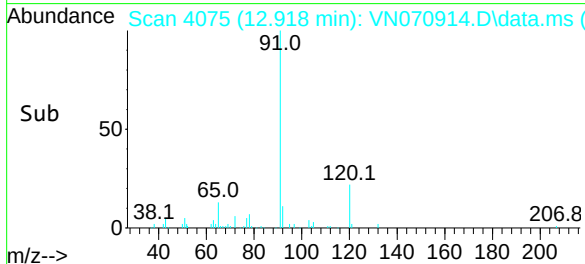
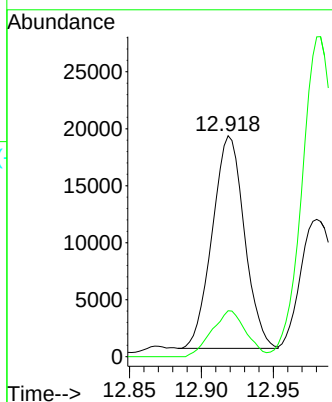
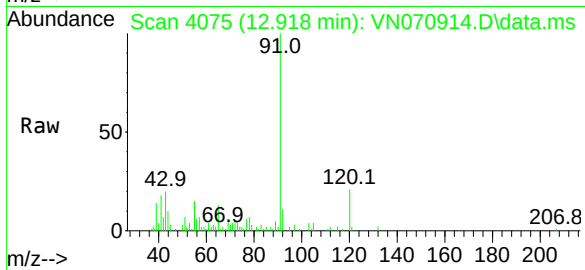
31525DL

Tgt Ion: 91 Resp: 28989

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.9



#79

2-Chlorotoluene

Concen: 0.552 ug/l

RT: 12.980 min Scan# 4098

Delta R.T. -0.027 min

Lab File: VN070914.D

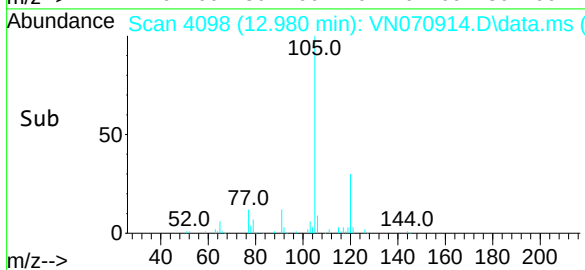
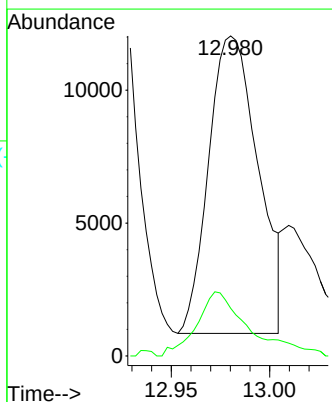
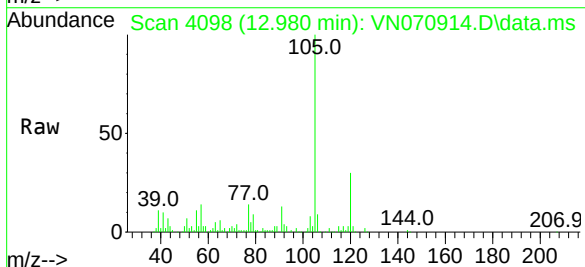
Acq: 3 Feb 2022 1:23

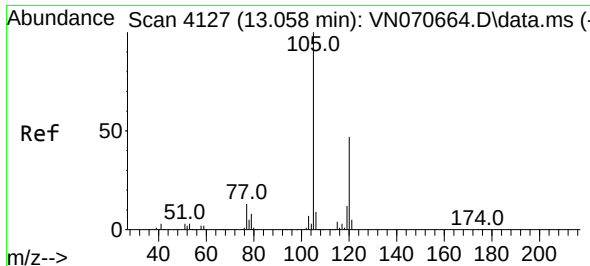
Tgt Ion: 91 Resp: 19545

Ion Ratio Lower Upper

91 100

126 23.0 18.3 54.8

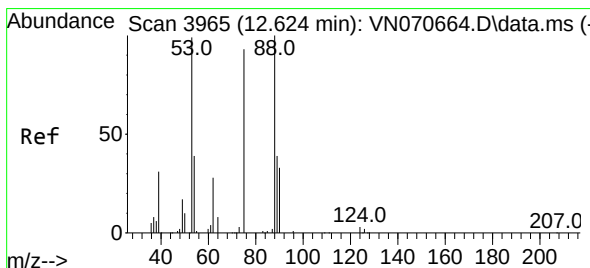
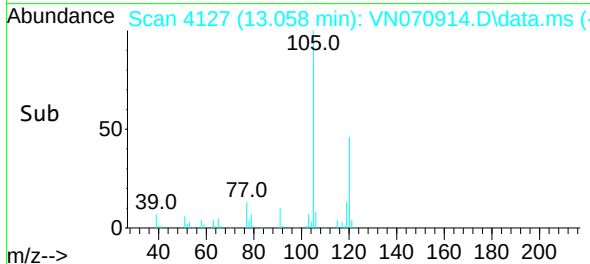
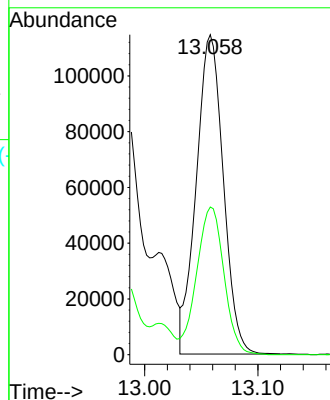
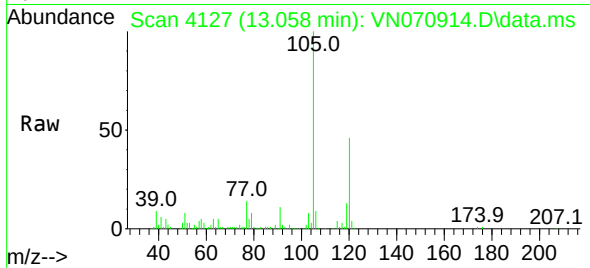




#80
1,3,5-Trimethylbenzene
Concen: 4.675 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

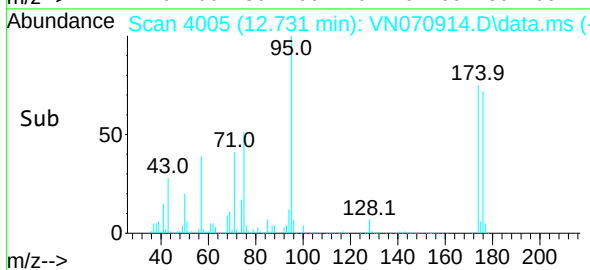
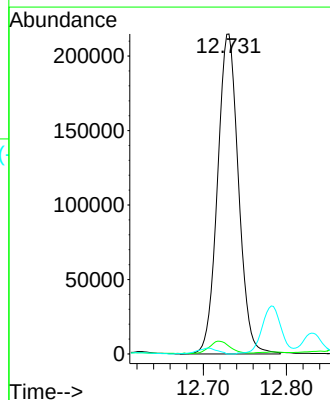
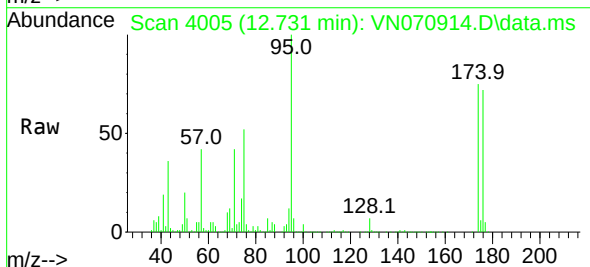
Instrument :
MSVOA_N
ClientSampleId :
31525DL

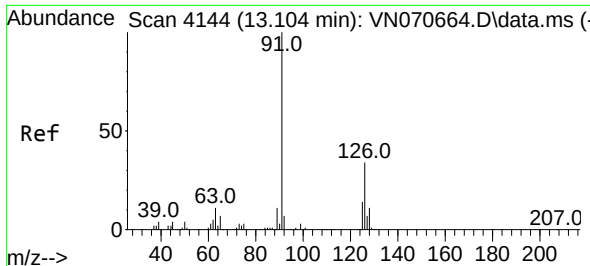
Tgt Ion:105 Resp: 189310
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 74.105 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 75 Resp: 376765
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

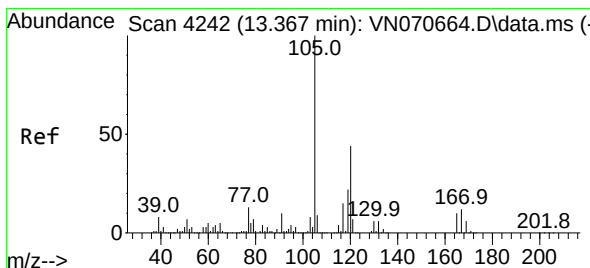
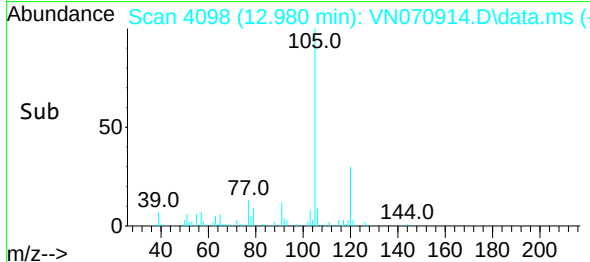
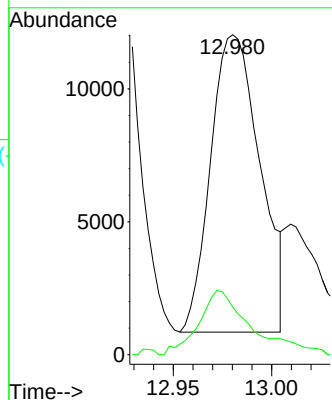
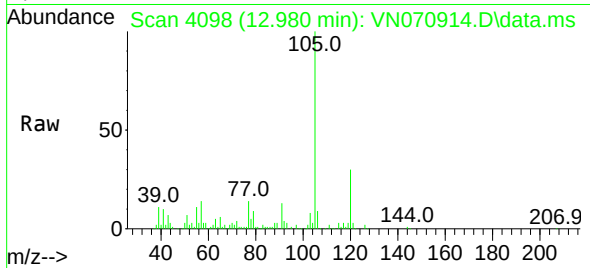




#82
4-Chlorotoluene
Concen: 0.572 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.124 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

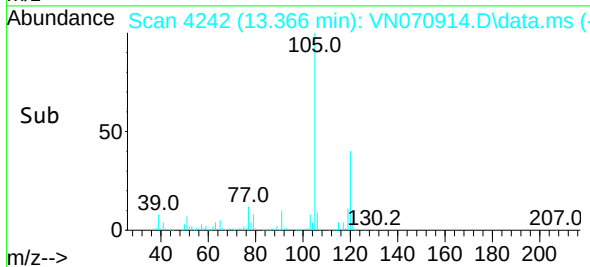
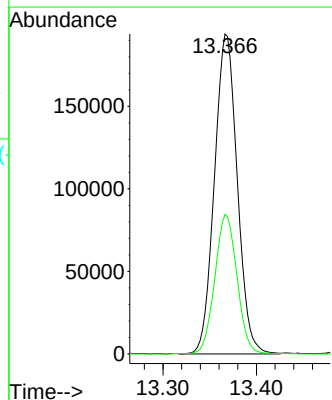
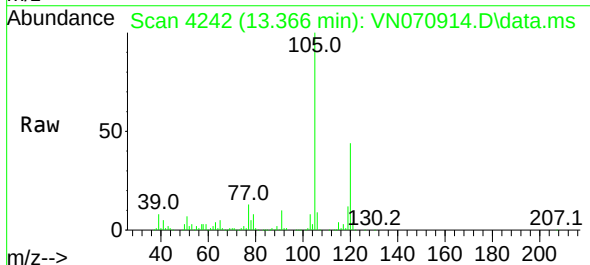
Instrument :
MSVOA_N
ClientSampleId :
31525DL

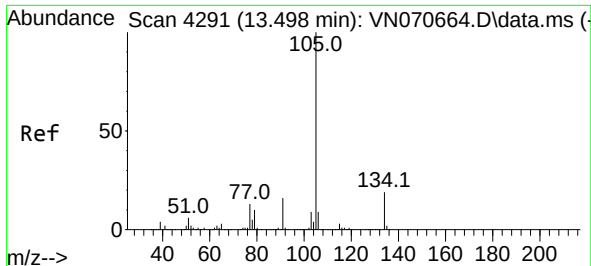
Tgt Ion: 91 Resp: 19545
Ion Ratio Lower Upper
91 100
126 23.0 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 8.303 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion: 105 Resp: 328821
Ion Ratio Lower Upper
105 100
120 42.1 22.8 68.4

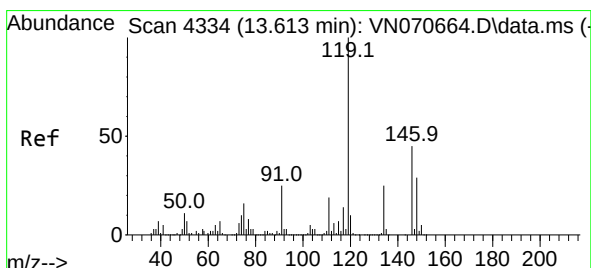
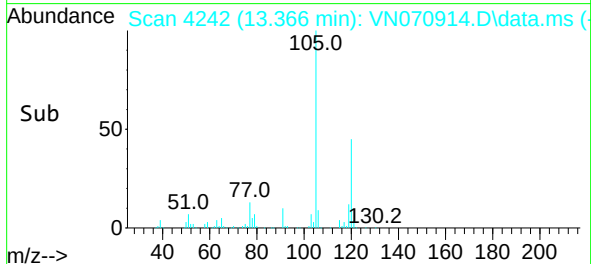
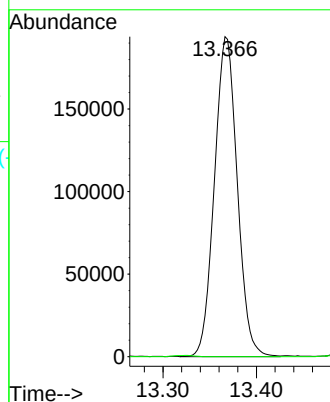
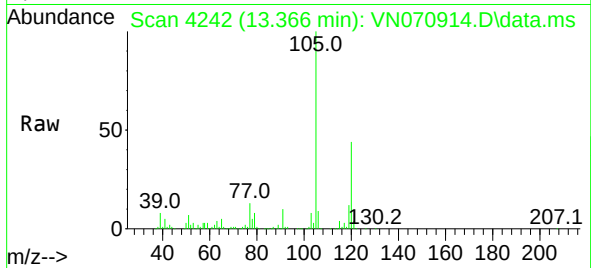




#85
 sec-Butylbenzene
 Concen: 6.655 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. -0.135 min
 Lab File: VN070914.D
 Acq: 3 Feb 2022 1:23

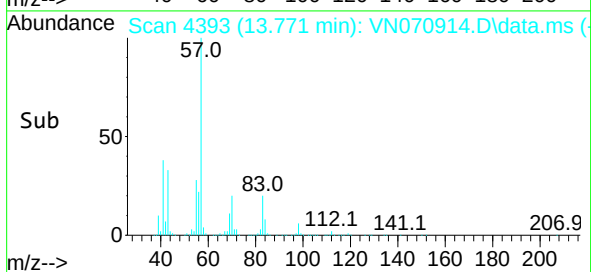
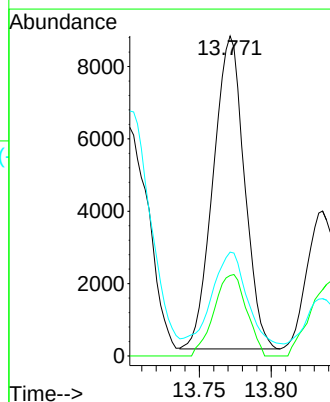
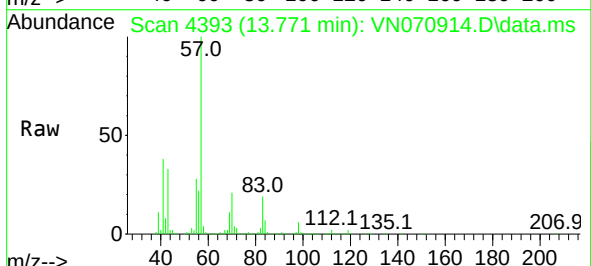
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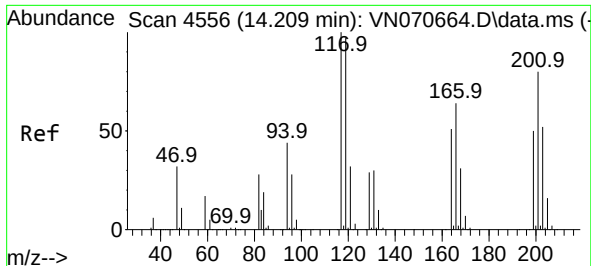
Tgt Ion:105 Resp: 328821
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.335 ug/l
 RT: 13.771 min Scan# 4393
 Delta R.T. 0.158 min
 Lab File: VN070914.D
 Acq: 3 Feb 2022 1:23

Tgt Ion:119 Resp: 13042
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 31.8 11.4 34.1

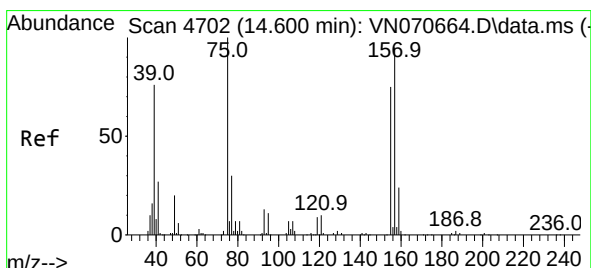
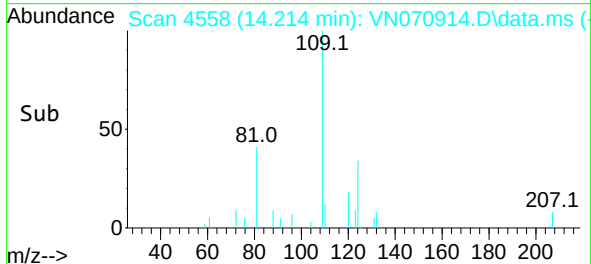
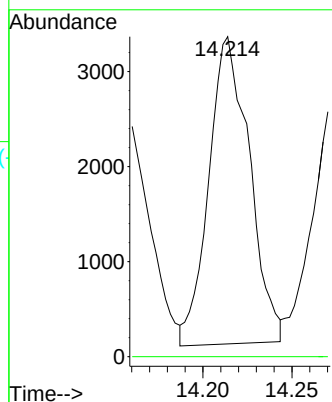
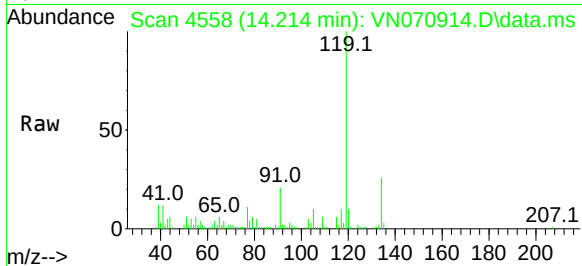




#90
 Hexachloroethane
 Concen: 0.744 ug/l
 RT: 14.214 min Scan# 411
 Delta R.T. 0.005 min
 Lab File: VN070914.D
 Acq: 3 Feb 2022 1:23

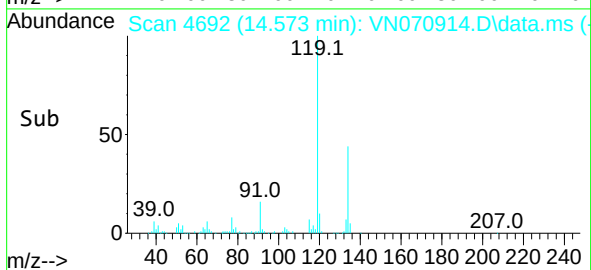
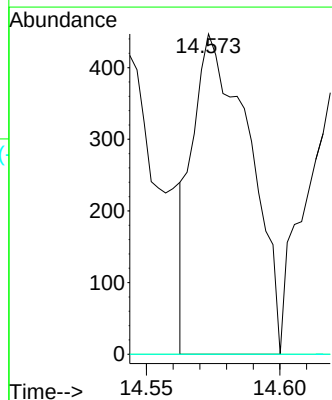
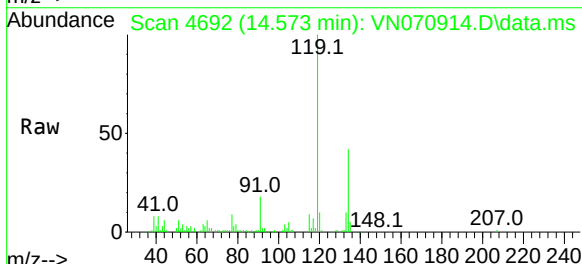
Instrument :
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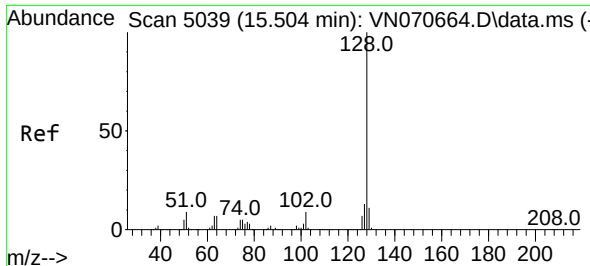
Tgt Ion:117 Resp: 5137
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.9 131.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.210 ug/l
 RT: 14.573 min Scan# 4692
 Delta R.T. -0.030 min
 Lab File: VN070914.D
 Acq: 3 Feb 2022 1:23

Tgt Ion: 75 Resp: 659
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#

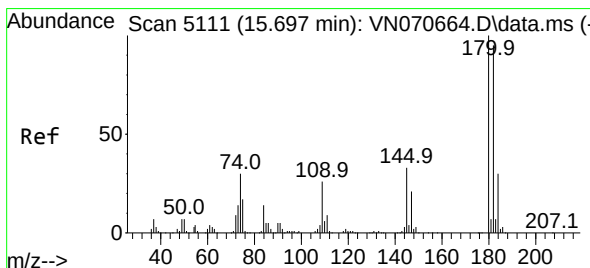
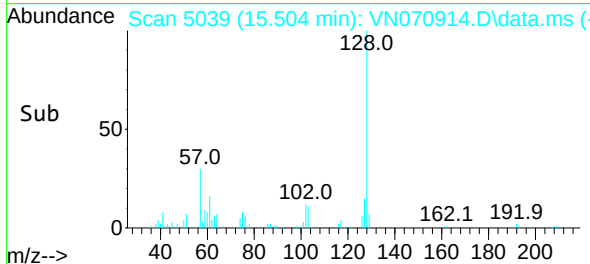
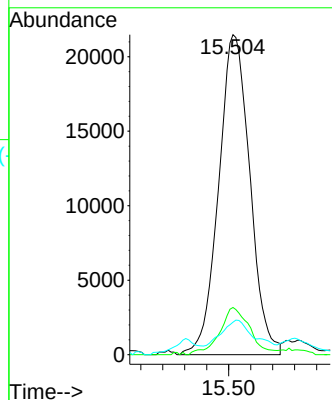
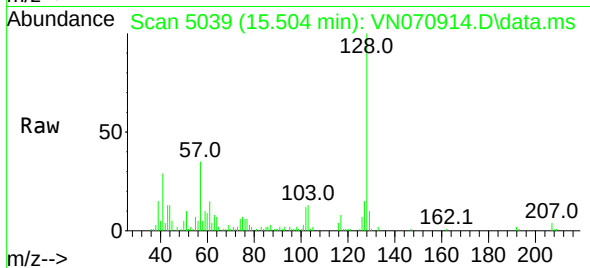




#95
Naphthalene
Concen: 4.857 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Instrument :
MSVOA_N
ClientSampleId :
31525DL

Tgt Ion:128 Resp: 42403
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.747 ug/l
RT: 15.689 min Scan# 5108
Delta R.T. -0.011 min
Lab File: VN070914.D
Acq: 3 Feb 2022 1:23

Tgt Ion:180 Resp: 475
Ion Ratio Lower Upper
180 100
182 582.9 47.4 142.2#
145 18.3 15.0 45.1

