

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070911.D
 Acq On : 3 Feb 2022 00:06
 Operator : JC/MD
 Sample : N1342-09DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31527DL

Quant Time: Feb 03 06:00:28 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	1031568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1621394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1314684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	622266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	628803	45.032	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.060%
35) Dibromofluoromethane	8.021	113	472197	48.615	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.220%
50) Toluene-d8	10.441	98	1959689	49.139	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.731	95	700617	48.756	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.520%

Target Compounds						Qvalue
8) Diethyl Ether	3.821	74	2355	0.301	ug/l #	3
11) Tert butyl alcohol	5.380	59	724041	246.769	ug/l	99
14) Allyl chloride	4.588	41	132550	5.597	ug/l #	79
16) Acetone	4.288	43	941955	112.818	ug/l	97
18) Methyl Acetate	4.857	43	285296	14.656	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	226479	5.706	ug/l #	90
20) Methylene Chloride	5.082	84	2766	0.218	ug/l #	85
22) Diisopropyl ether	6.493	45	124966	2.724	ug/l #	1
23) Vinyl Acetate	6.576	43	319155	7.866	ug/l #	72
25) 2-Butanone	7.337	43	749956	62.227	ug/l	92
29) Tetrahydrofuran	7.694	42	17077	2.181	ug/l #	83
31) Cyclohexane	8.086	56	33956	1.431	ug/l #	22
36) 1,1-Dichloropropene	8.086	75	82385	5.221	ug/l #	49
37) Ethyl Acetate	7.337	43	749956	34.484	ug/l #	68
38) Carbon Tetrachloride	8.083	117	101147	7.019	ug/l #	16
39) Methylcyclohexane	9.464	83	9031	0.466	ug/l #	45
40) Benzene	8.461	78	1960527	39.547	ug/l	99
41) Methacrylonitrile	7.667	41	5177	0.474	ug/l #	21
42) 1,2-Dichloroethane	8.459	62	17599	1.043	ug/l #	76
43) Isopropyl Acetate	8.418	43	6247170	170.876	ug/l #	55
45) 1,2-Dichloropropane	9.531	63	5820	0.438	ug/l #	1
48) Methyl methacrylate	9.534	41	1657662	105.164	ug/l #	34
49) 1,4-Dioxane	9.572	88	287064	1087.135	ug/l #	27
51) 4-Methyl-2-Pentanone	10.331	43	748687	34.792	ug/l	98
52) Toluene	10.505	92	1452579	47.290	ug/l	96
53) t-1,3-Dichloropropene	10.577	75	546271	30.218	ug/l #	44
56) Ethyl methacrylate	10.690	69	412164	20.285	ug/l #	65
57) 1,3-Dichloropropane	11.090	76	11808	0.578	ug/l #	57
58) 2-Chloroethyl Vinyl ether	10.164	63	3106	20.170	ug/l #	62
59) 2-Hexanone	11.090	43	269156	17.131	ug/l #	59
67) Ethyl Benzene	11.843	91	281060	5.603	ug/l	94
68) m/p-Xylenes	11.948	106	557705	30.008	ug/l	92
69) o-Xylene	12.280	106	287835	15.474	ug/l	93
70) Styrene	12.280	104	16227	0.554	ug/l #	1
73) Isopropylbenzene	12.578	105	19842	0.365	ug/l	96
74) N-amyl acetate	12.315	43	2996496	123.235	ug/l #	1

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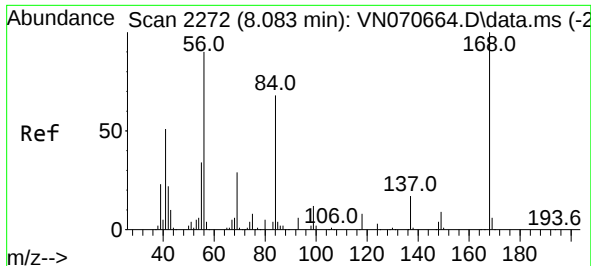
Instrument :
 MSVOA_N
 ClientSampleId :
 31527DL

Quant Time: Feb 03 06:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
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 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

75) 1,1,2,2-Tetrachloroethane	12.870	83	1649957	87.737	ug/l #	25
76) 1,2,3-Trichloropropane	13.141	75	12667	0.846	ug/l	89
78) n-propylbenzene	12.919	91	14084	0.227	ug/l	84
79) 2-Chlorotoluene	12.978	91	34277	0.890	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.058	105	46755	1.062	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.728	75	362513	65.607	ug/l #	78
82) 4-Chlorotoluene	12.978	91	34277	0.924	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.219	105	27449	0.638	ug/l	71
89) n-Butylbenzene	13.900	91	31955	0.856	ug/l #	54
90) Hexachloroethane	14.214	117	7512	1.001	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	1228	0.360	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	4260	0.371	ug/l #	1
95) Naphthalene	15.501	128	367199	14.000	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.700	180	4806	2.125	ug/l #	1

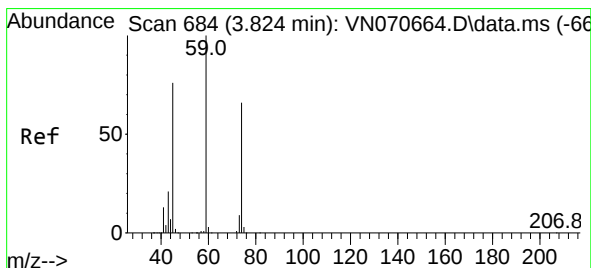
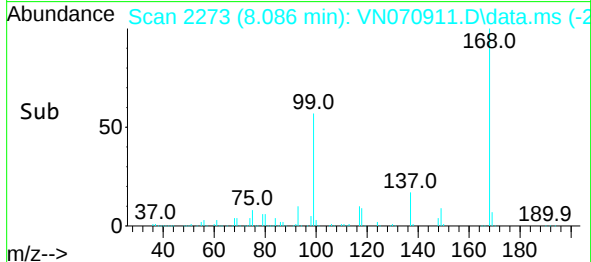
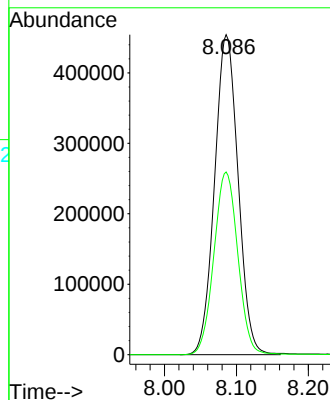
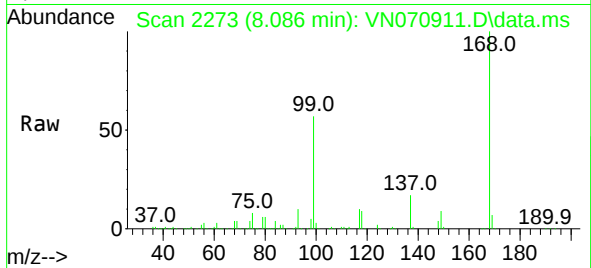
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

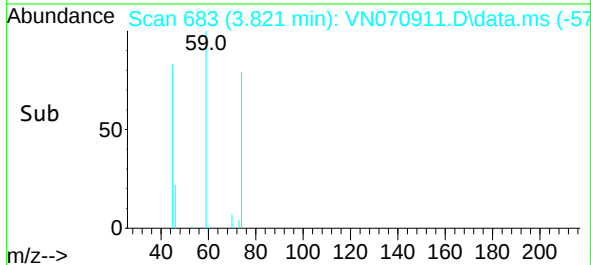
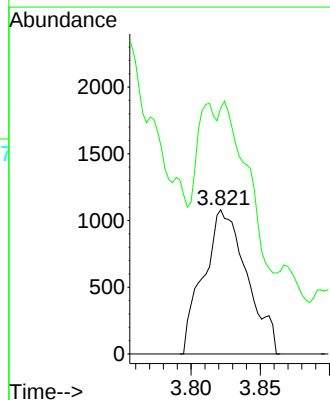
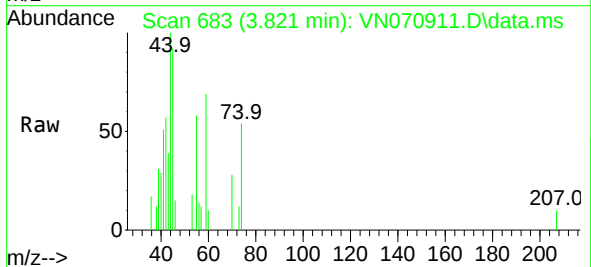
Instrument :
MSVOA_N
ClientSampleId :
31527DL

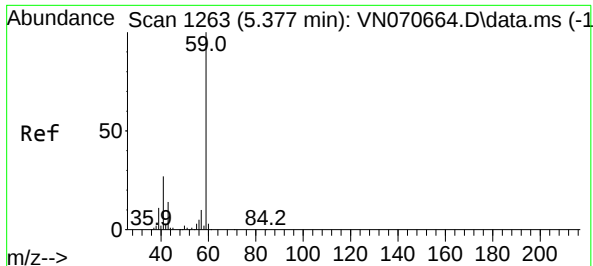
Tgt Ion:168 Resp: 1031568
Ion Ratio Lower Upper
168 100
99 57.1 41.3 61.9



#8
Diethyl Ether
Concen: 0.301 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 74 Resp: 2355
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#

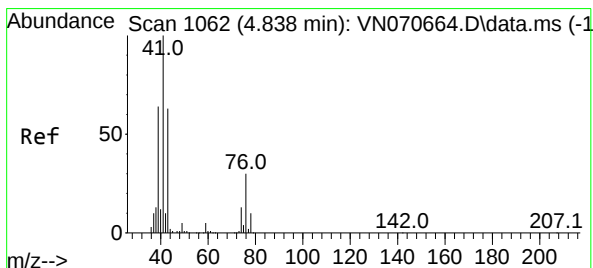
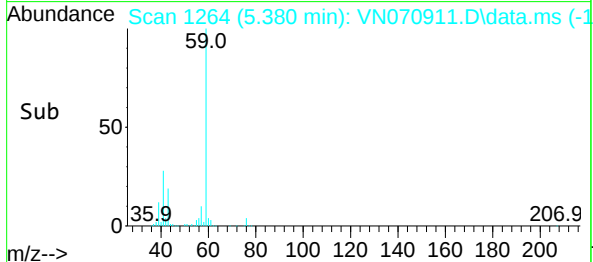
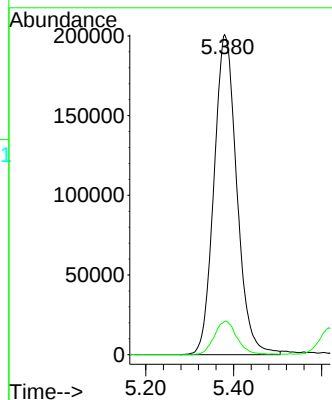
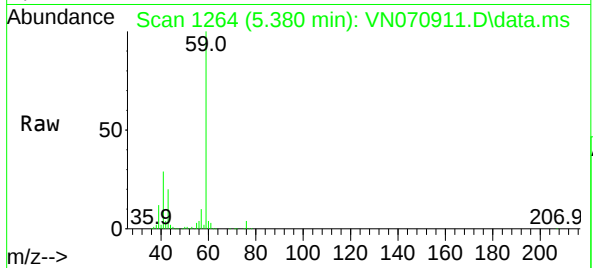




#11
Tert butyl alcohol
Concen: 246.769 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

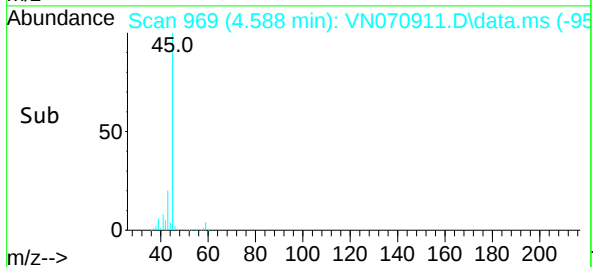
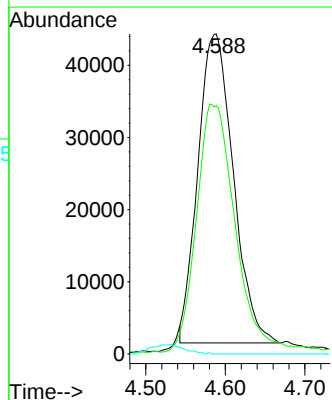
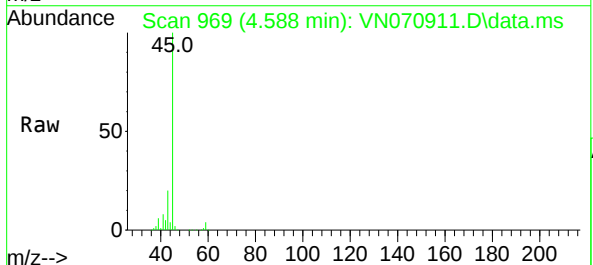
Instrument :
MSVOA_N
ClientSampleId :
31527DL

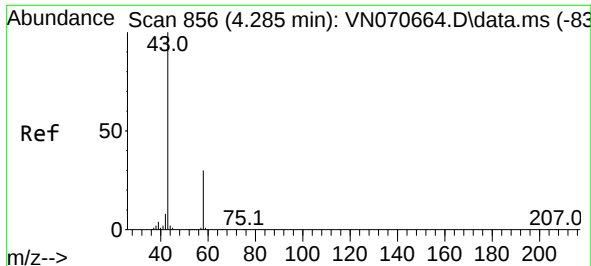
Tgt Ion: 59 Resp: 724041
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1



#14
Allyl chloride
Concen: 5.597 ug/l
RT: 4.588 min Scan# 969
Delta R.T. -0.250 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 41 Resp: 132550
Ion Ratio Lower Upper
41 100
39 81.6 61.2 91.8
76 0.0 26.0 39.0#

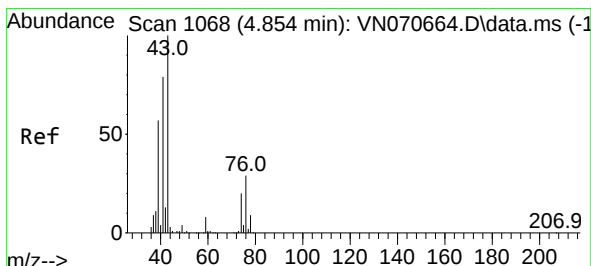
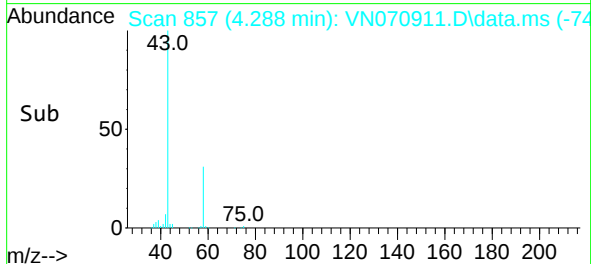
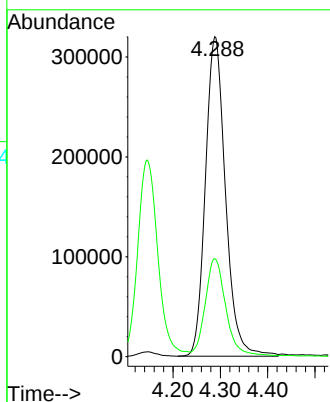
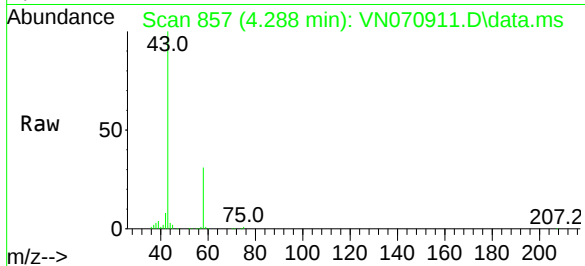




#16
Acetone
Concen: 112.818 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

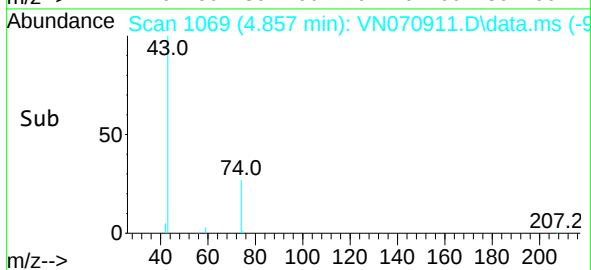
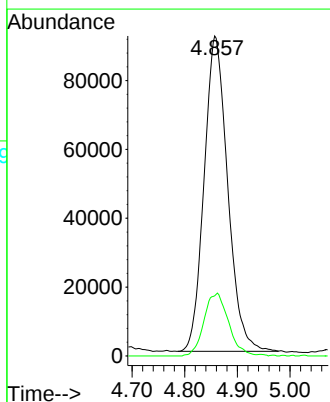
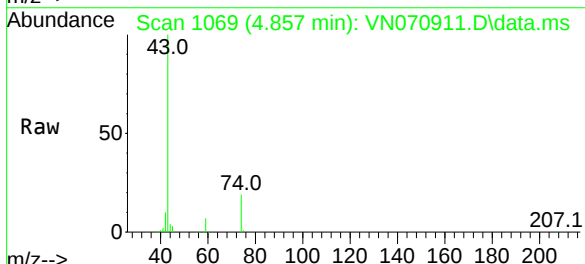
Instrument :
MSVOA_N
ClientSampleId :
31527DL

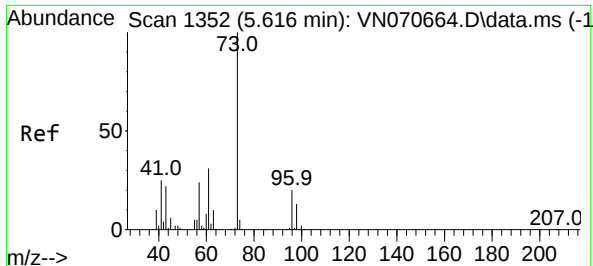
Tgt Ion: 43 Resp: 941955
Ion Ratio Lower Upper
43 100
58 30.3 23.1 34.7



#18
Methyl Acetate
Concen: 14.656 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 43 Resp: 285296
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2

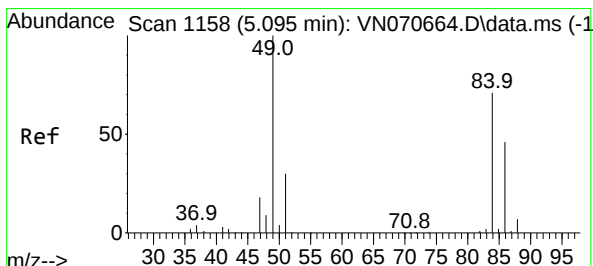
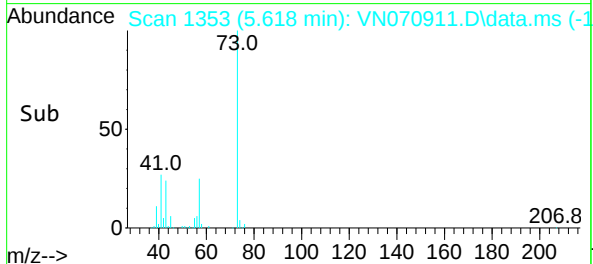
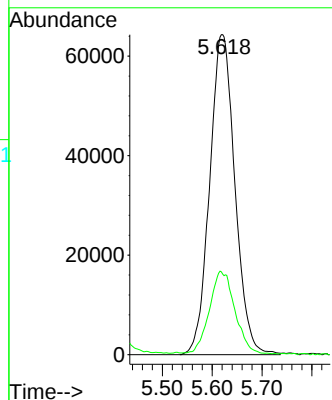
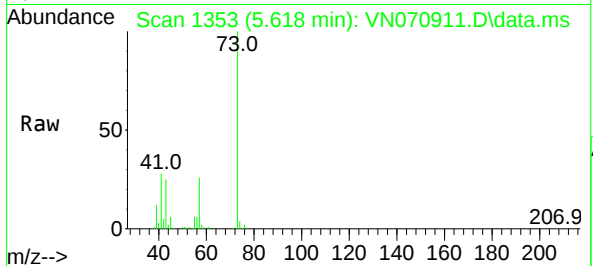




#19
Methyl tert-butyl Ether
Concen: 5.706 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. 0.002 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

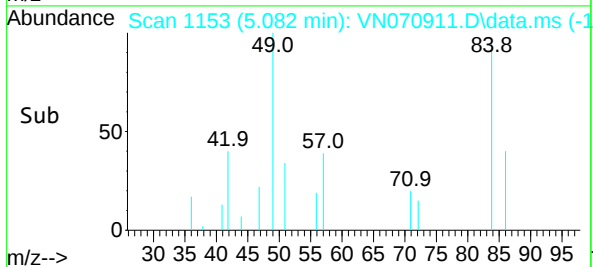
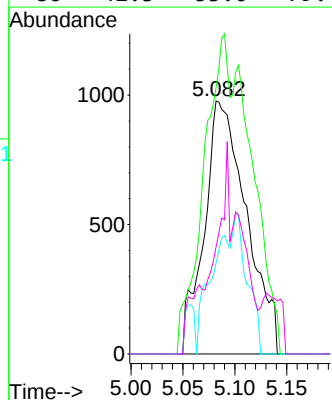
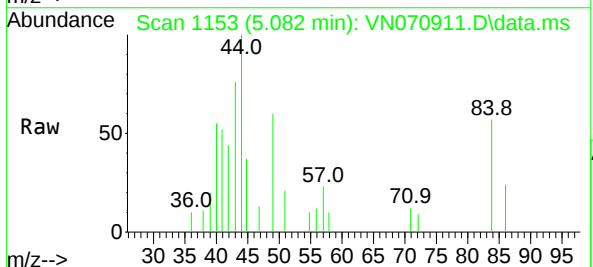
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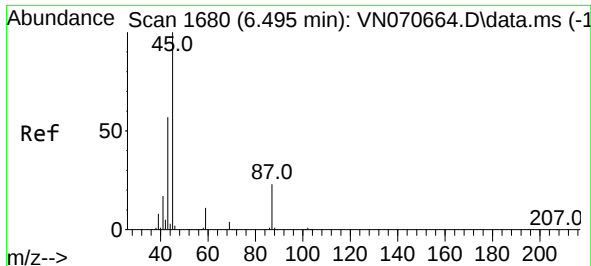
Tgt Ion: 73 Resp: 226479
Ion Ratio Lower Upper
73 100
57 25.6 16.8 25.2#



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 5.082 min Scan# 1153
Delta R.T. -0.008 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

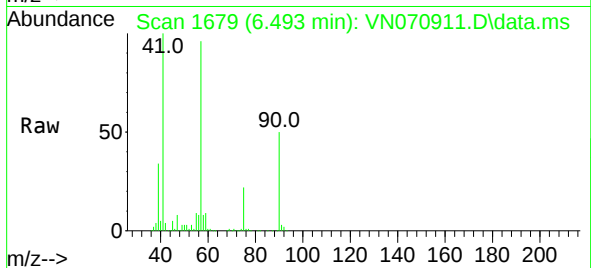
Tgt Ion: 84 Resp: 2766
Ion Ratio Lower Upper
84 100
49 105.1 93.5 140.3
51 35.9 29.4 44.2
86 42.3 53.0 79.4#



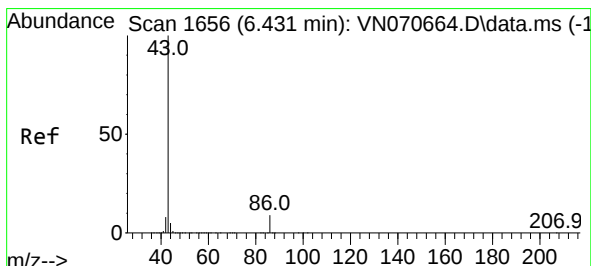
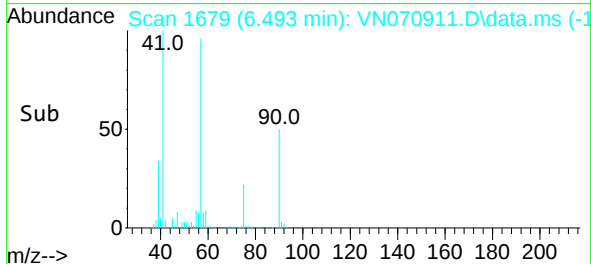
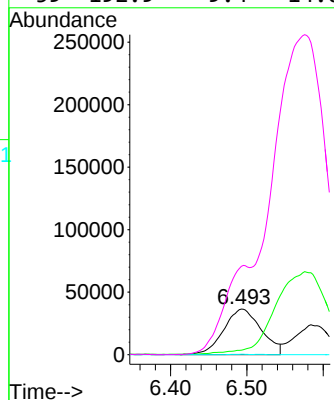


#22
Diisopropyl ether
Concen: 2.724 ug/l
RT: 6.493 min Scan# 1710
Delta R.T. -0.002 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

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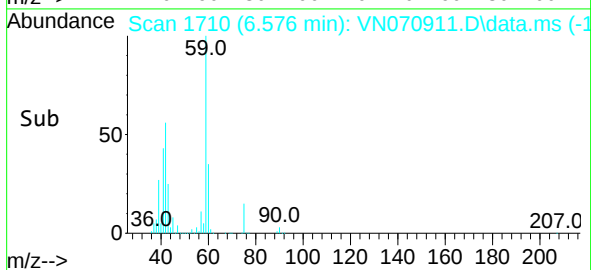
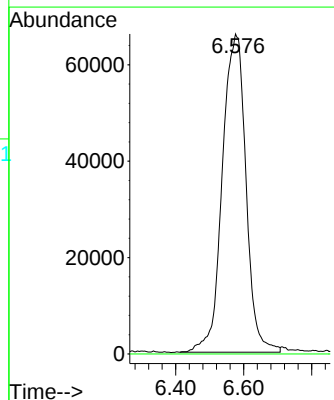
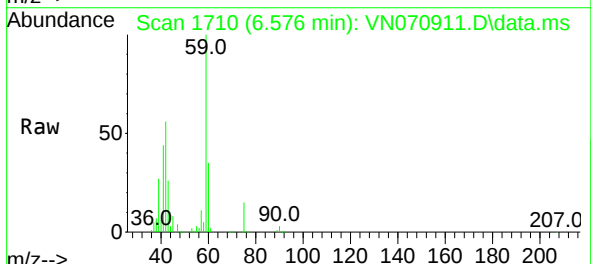


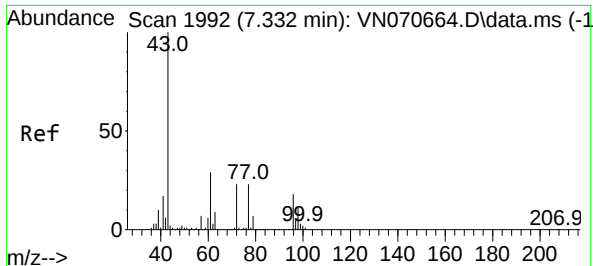
Tgt Ion: 45 Resp: 124966
Ion Ratio Lower Upper
45 100
43 8.9 51.7 77.5#
87 0.9 23.2 34.8#
59 192.9 9.4 14.0#



#23
Vinyl Acetate
Concen: 7.866 ug/l
RT: 6.576 min Scan# 1710
Delta R.T. 0.142 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 43 Resp: 319155
Ion Ratio Lower Upper
43 100
86 0.0 8.5 12.7#





#25

2-Butanone

Concen: 62.227 ug/l

RT: 7.337 min Scan# 1992

Delta R.T. 0.002 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

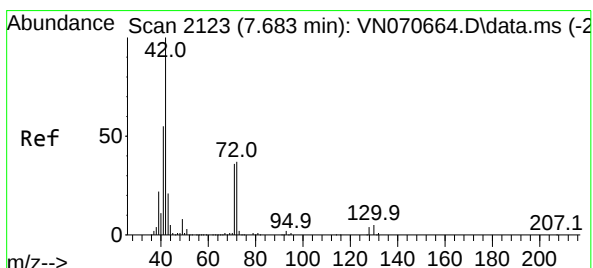
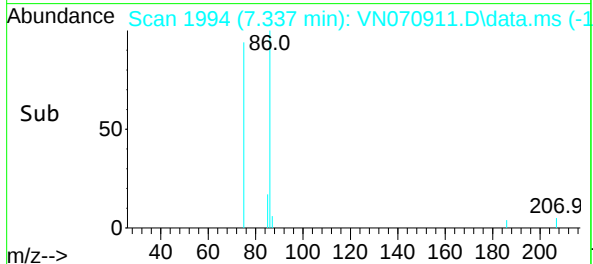
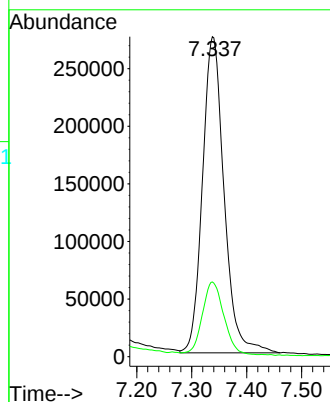
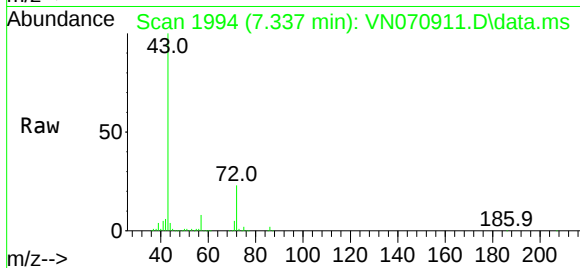
31527DL

Tgt Ion: 43 Resp: 749956

Ion Ratio Lower Upper

43 100

72 23.1 21.7 32.5



#29

Tetrahydrofuran

Concen: 2.181 ug/l

RT: 7.694 min Scan# 2127

Delta R.T. 0.008 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

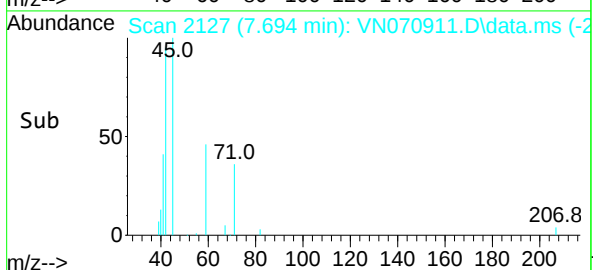
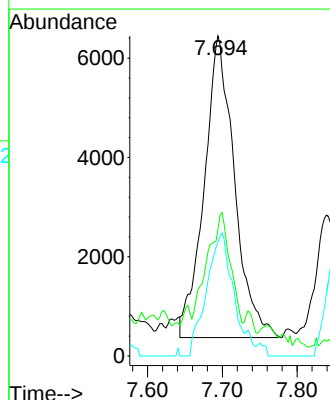
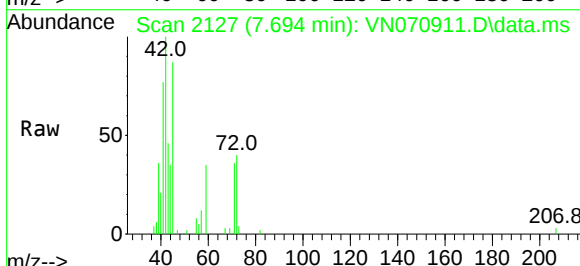
Tgt Ion: 42 Resp: 17077

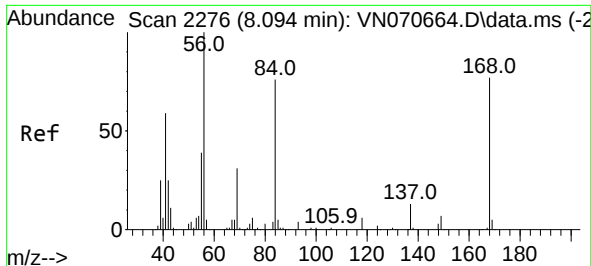
Ion Ratio Lower Upper

42 100

72 30.2 36.3 54.5#

71 36.4 34.7 52.1

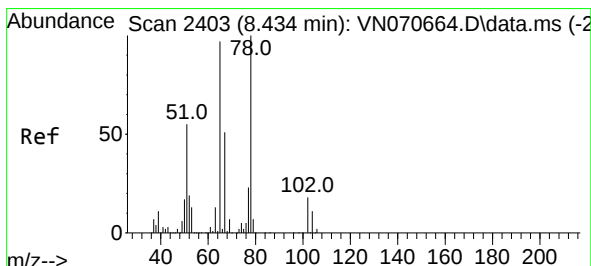
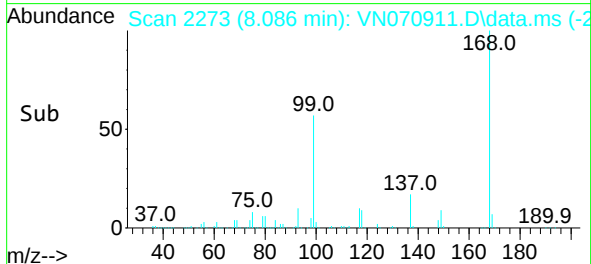
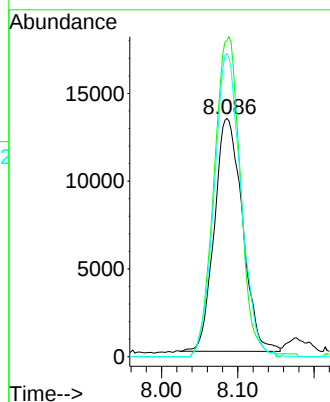
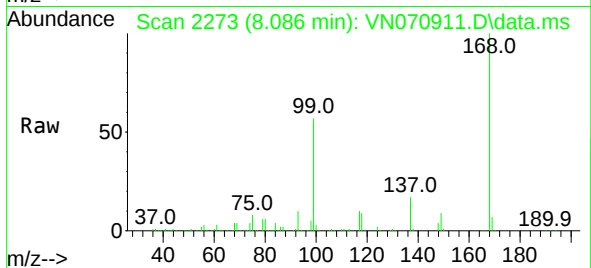




#31
Cyclohexane
Concen: 1.431 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

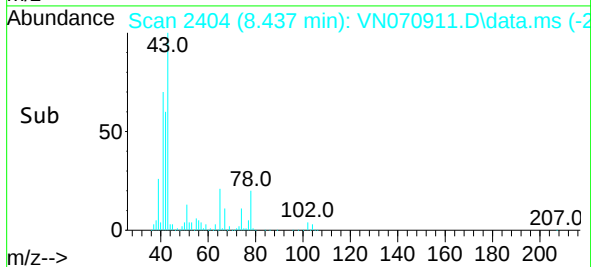
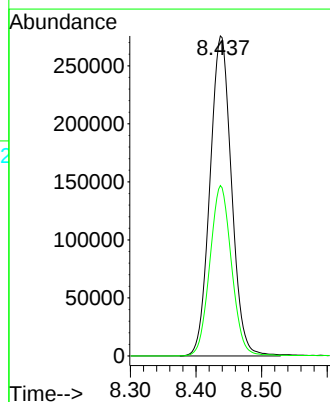
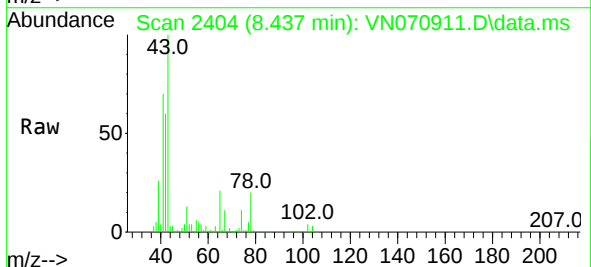
Instrument :
MSVOA_N
ClientSampleId :
31527DL

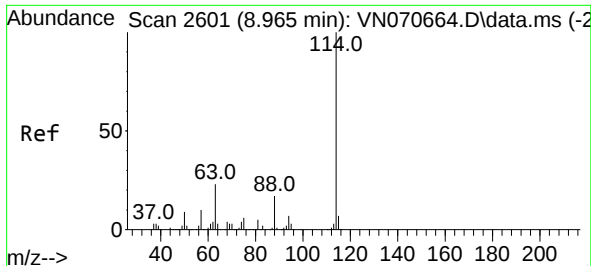
Tgt Ion: 56 Resp: 33956
Ion Ratio Lower Upper
56 100
69 135.8 27.1 40.7#
84 130.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 45.032 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 65 Resp: 628803
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0

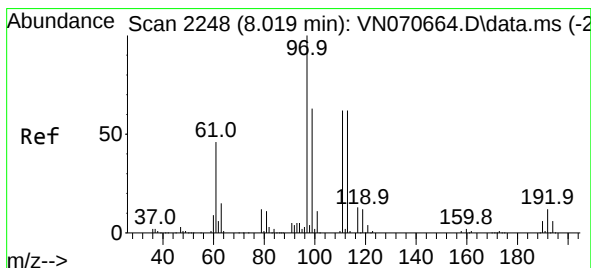
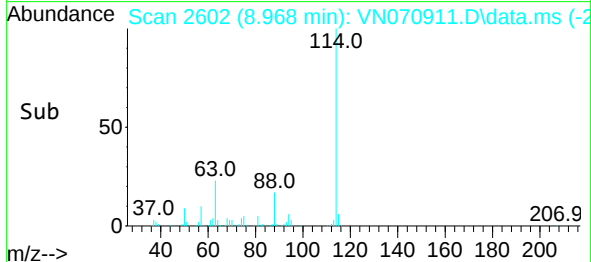
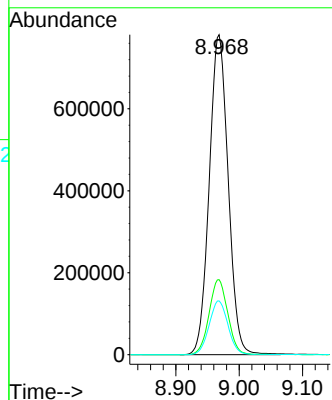
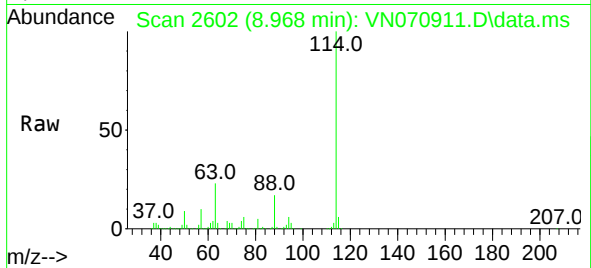




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

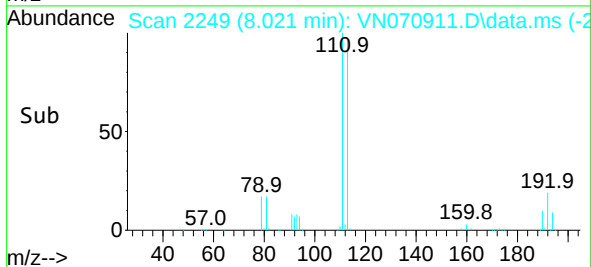
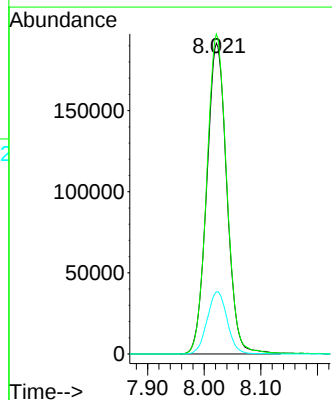
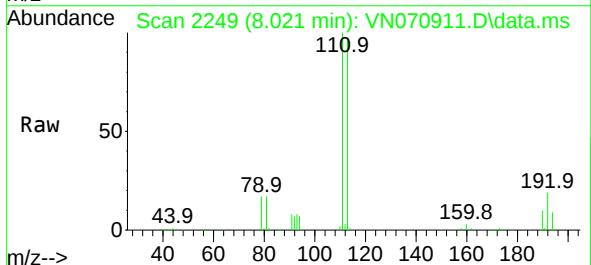
Instrument :
MSVOA_N
ClientSampleId :
31527DL

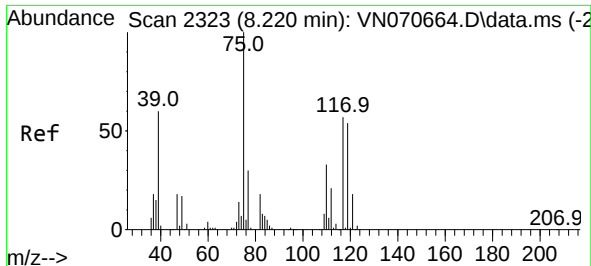
Tgt Ion:114 Resp: 1621394
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.615 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion:113 Resp: 472197
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 19.9 16.9 25.3

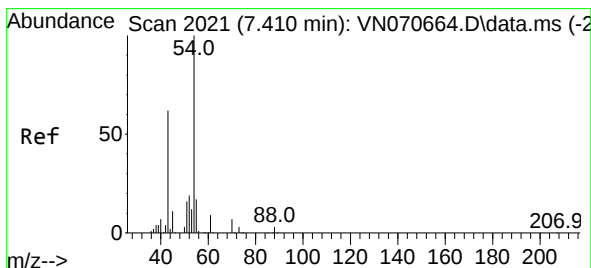
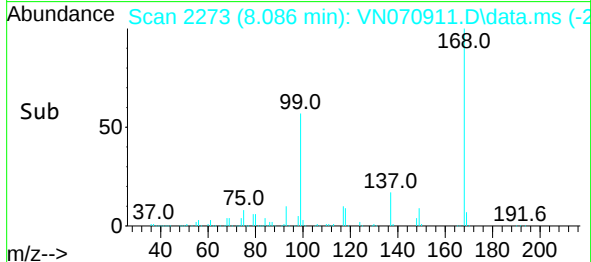
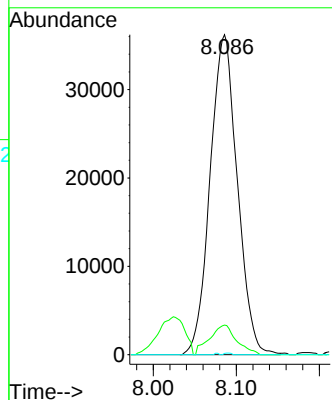
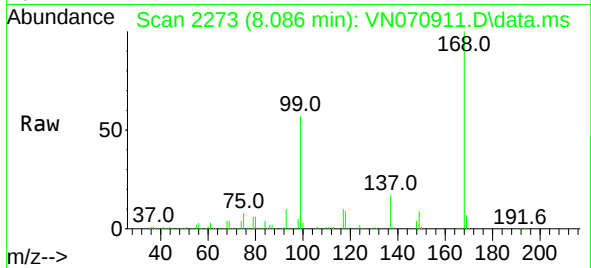




#36
1,1-Dichloropropene
Concen: 5.221 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

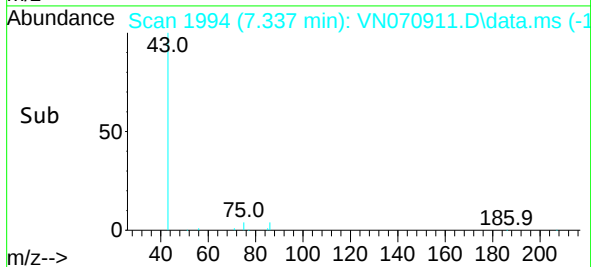
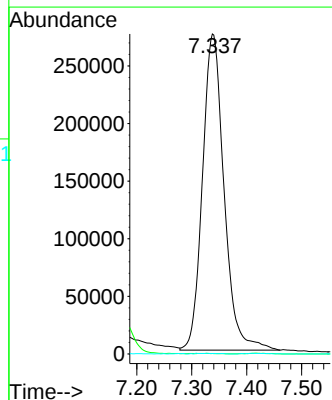
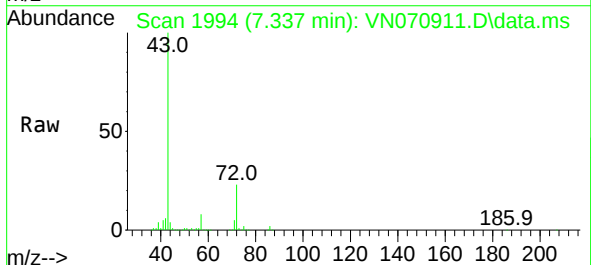
Instrument :
MSVOA_N
ClientSampleId :
31527DL

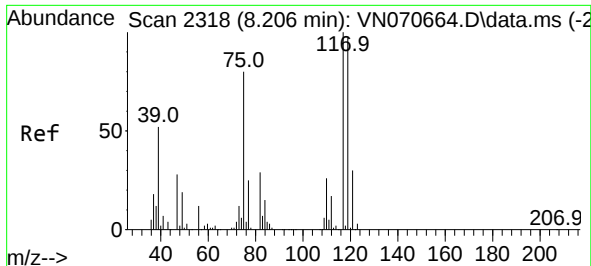
Tgt Ion: 75 Resp: 82385
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 34.484 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. -0.076 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 43 Resp: 749956
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#

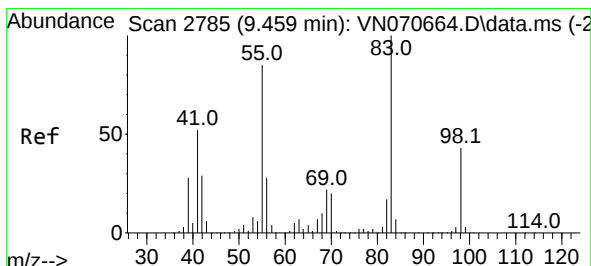
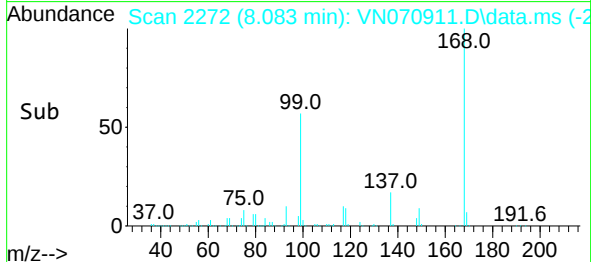
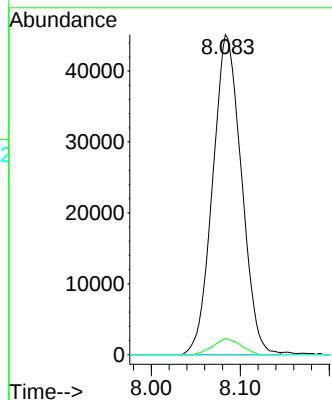
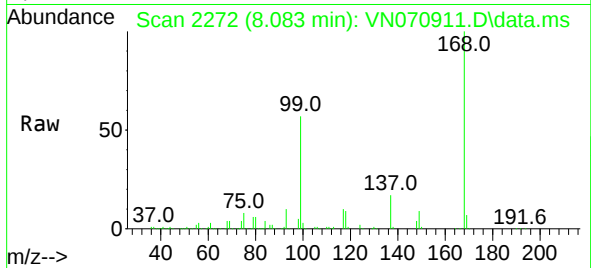




#38
Carbon Tetrachloride
Concen: 7.019 ug/l
RT: 8.083 min Scan# 2117
Delta R.T. -0.123 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

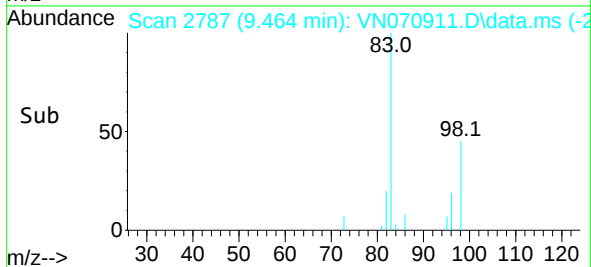
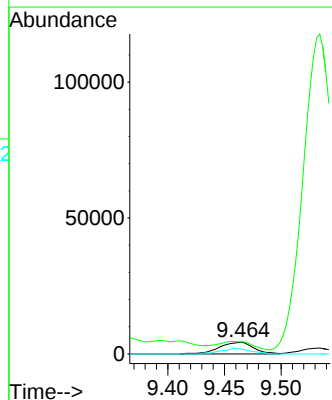
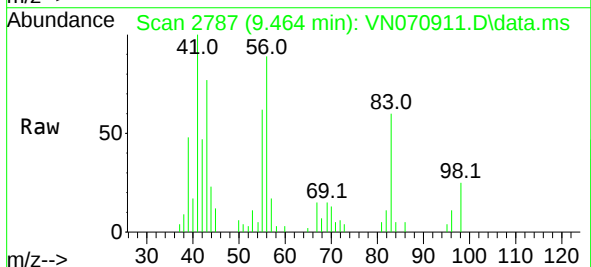
Instrument :
MSVOA_N
ClientSampleId :
31527DL

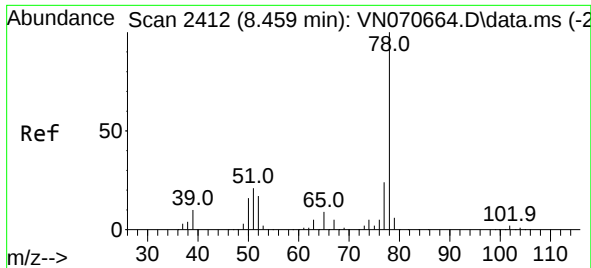
Tgt Ion:117 Resp: 101147
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.466 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.005 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 83 Resp: 9031
Ion Ratio Lower Upper
83 100
55 1.3 58.1 87.1#
98 41.6 38.4 57.6





#40

Benzene

Concen: 39.547 ug/l

RT: 8.461 min Scan# 2412

Delta R.T. 0.002 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

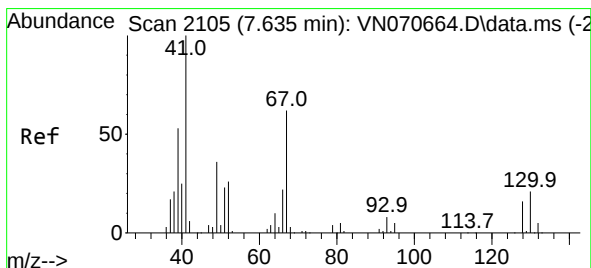
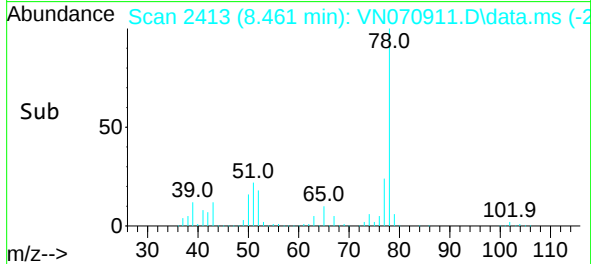
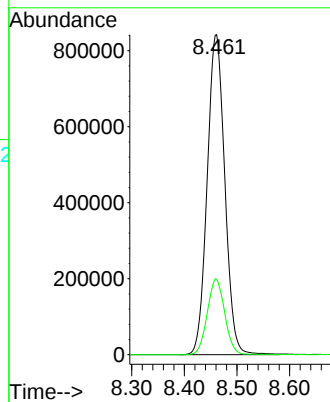
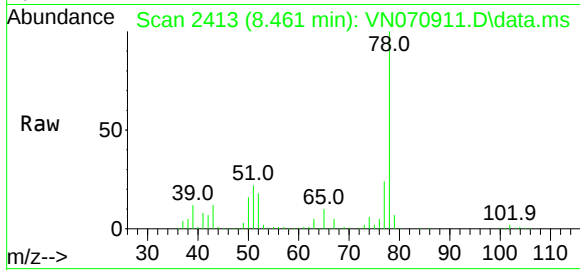
31527DL

Tgt Ion: 78 Resp: 1960527

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8



#41

Methacrylonitrile

Concen: 0.474 ug/l

RT: 7.667 min Scan# 2117

Delta R.T. 0.032 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Tgt Ion: 41 Resp: 5177

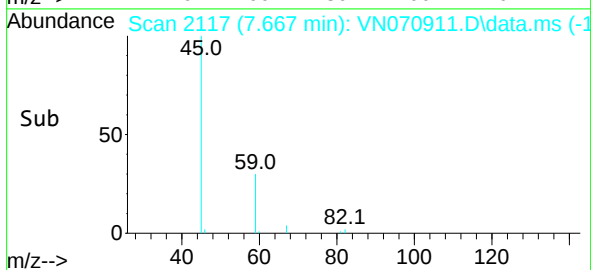
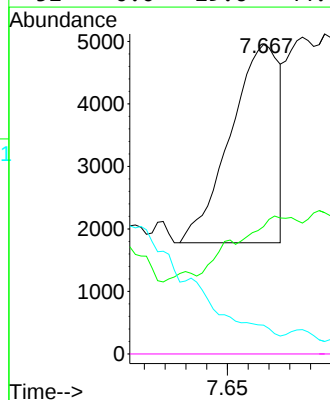
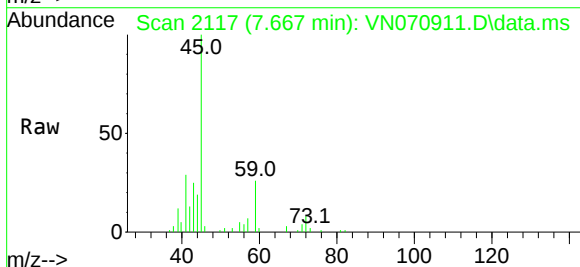
Ion Ratio Lower Upper

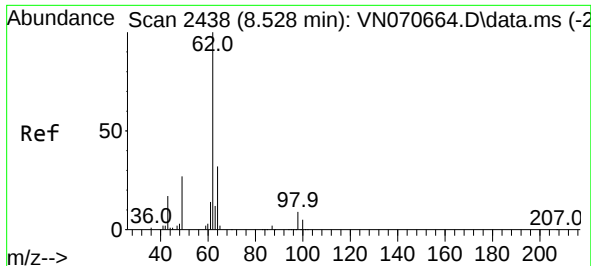
41 100

39 6.7 48.1 72.1#

67 0.0 68.3 102.5#

52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 1.043 ug/l

RT: 8.459 min Scan# 24

Delta R.T. -0.069 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

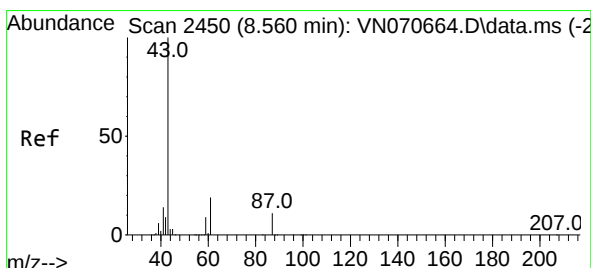
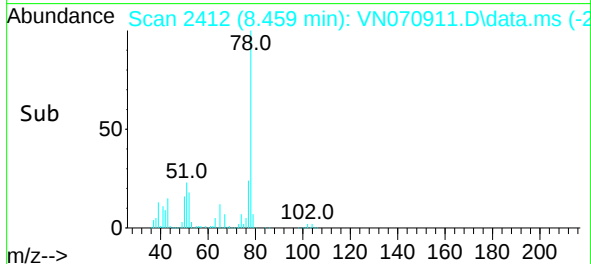
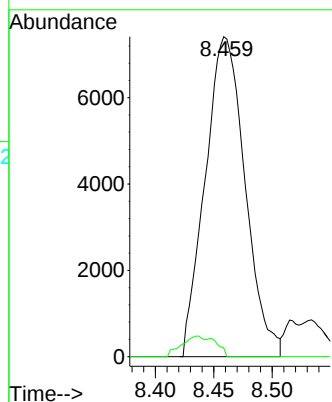
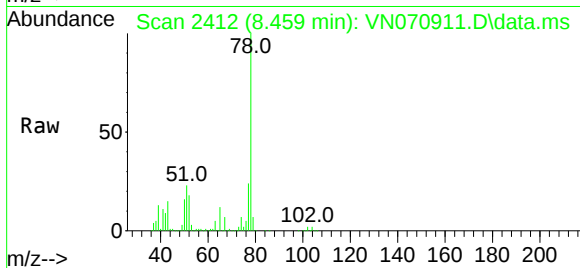
31527DL

Tgt Ion: 62 Resp: 17599

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 170.876 ug/l

RT: 8.418 min Scan# 2397

Delta R.T. -0.142 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

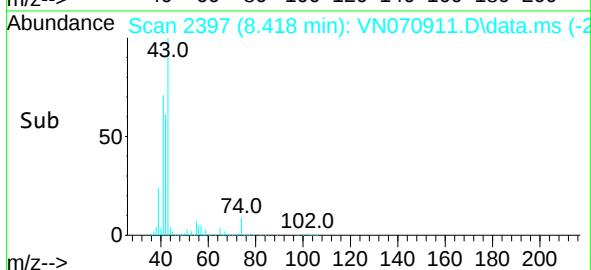
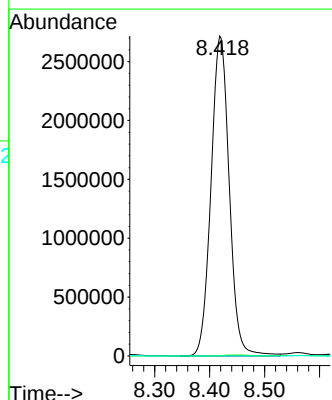
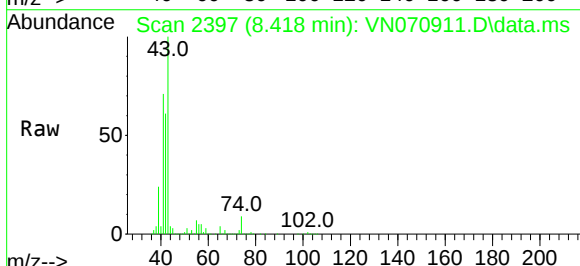
Tgt Ion: 43 Resp: 6247170

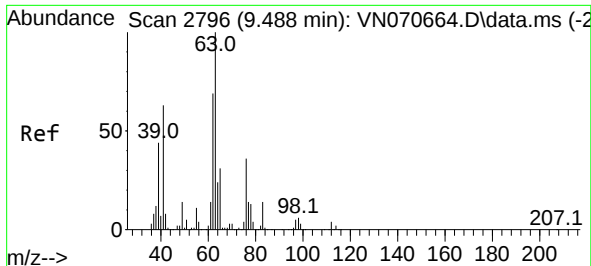
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.438 ug/l

RT: 9.531 min Scan# 2812

Delta R.T. 0.043 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

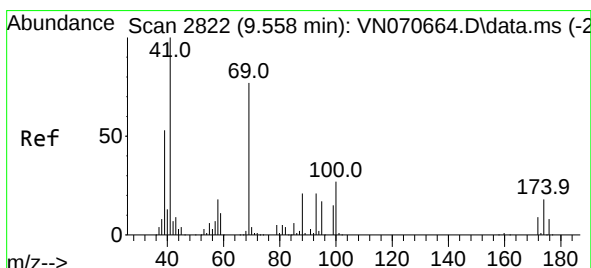
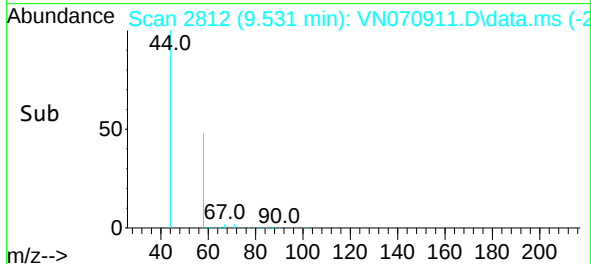
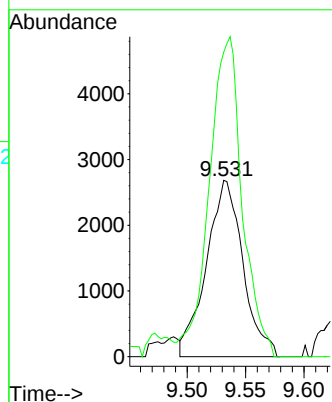
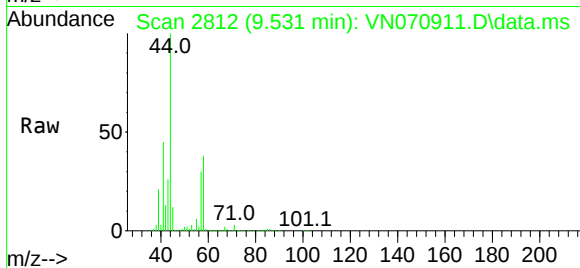
31527DL

Tgt Ion: 63 Resp: 5820

Ion Ratio Lower Upper

63 100

65 172.7 24.7 37.1#



#48

Methyl methacrylate

Concen: 105.164 ug/l

RT: 9.534 min Scan# 2813

Delta R.T. -0.024 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

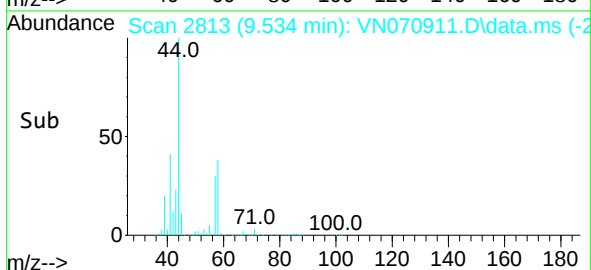
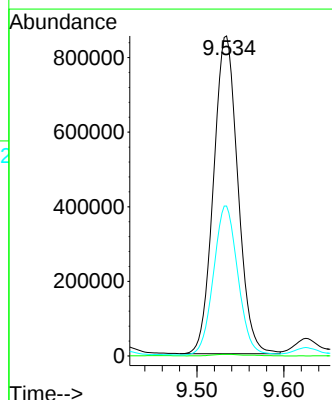
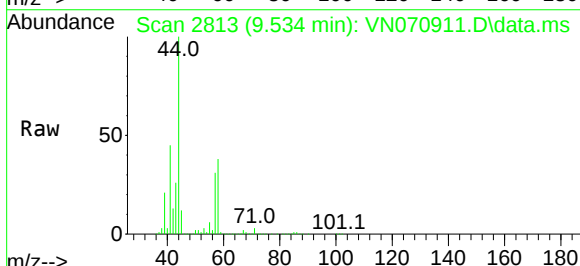
Tgt Ion: 41 Resp: 1657662

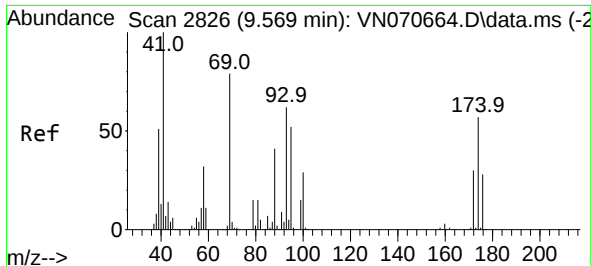
Ion Ratio Lower Upper

41 100

69 0.7 72.4 108.6#

39 47.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 1087.135 ug/l

RT: 9.572 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

31527DL

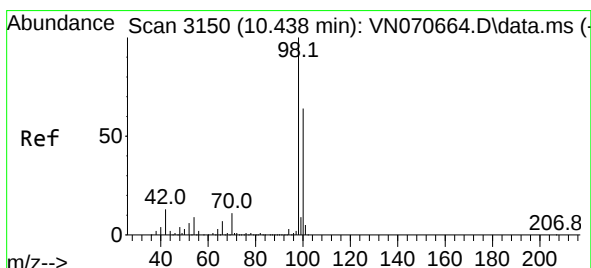
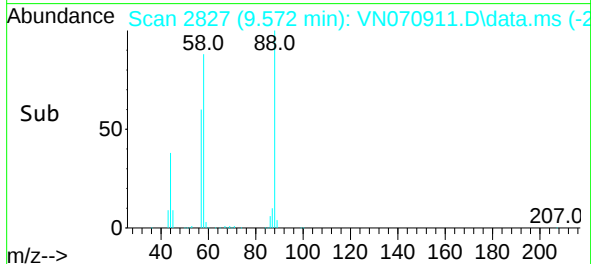
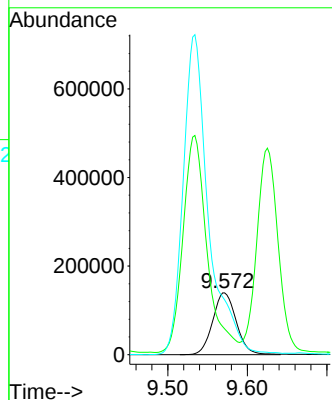
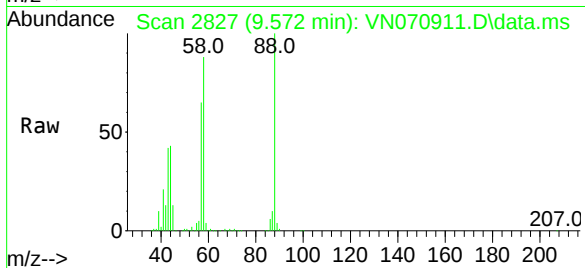
Tgt Ion: 88 Resp: 287064

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 49.139 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN070911.D

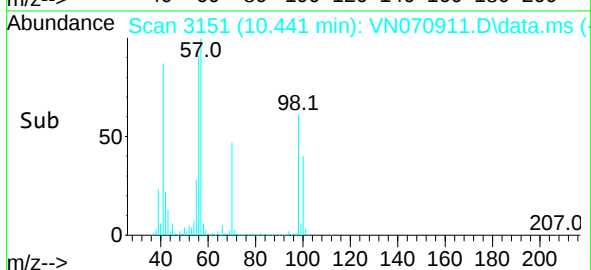
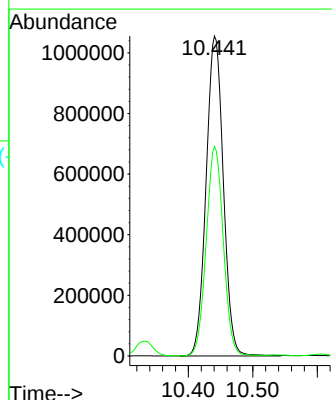
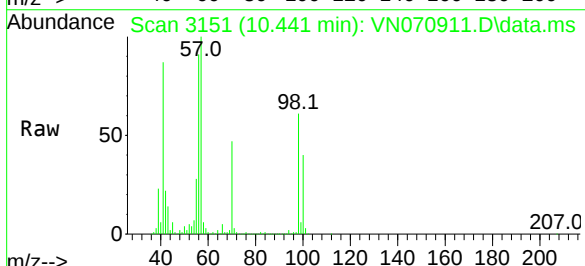
Acq: 3 Feb 2022 00:06

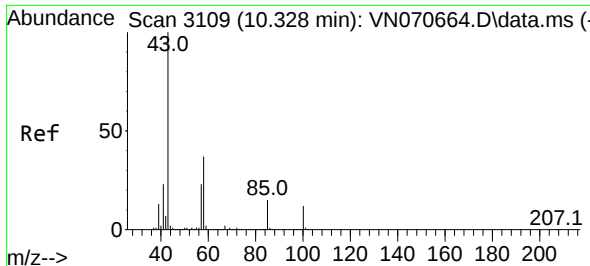
Tgt Ion: 98 Resp: 1959689

Ion Ratio Lower Upper

98 100

100 64.9 50.4 75.6

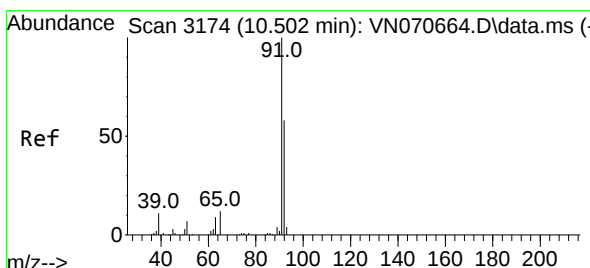
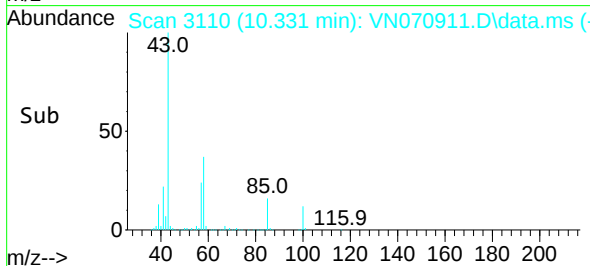
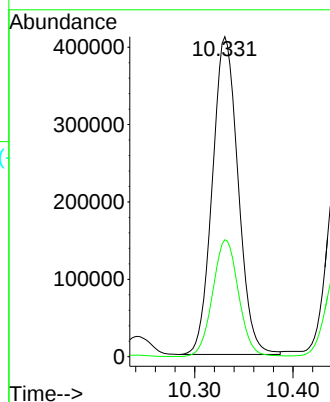
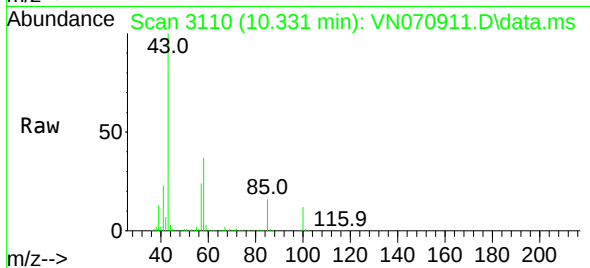




#51
4-Methyl-2-Pentanone
Concen: 34.792 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

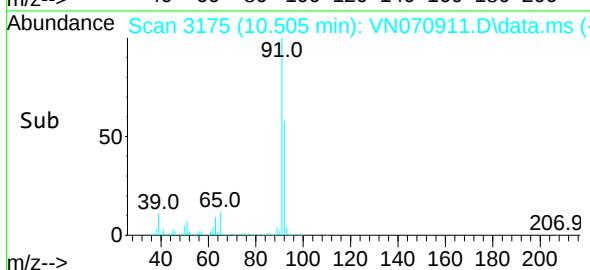
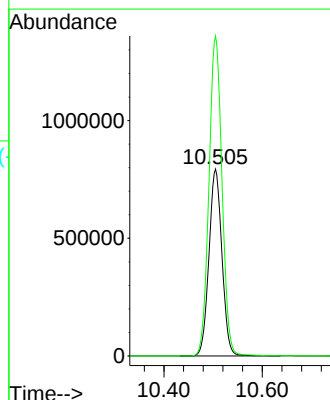
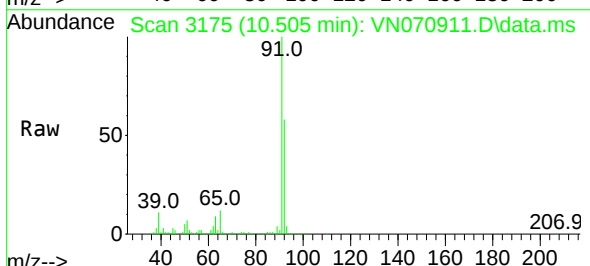
Instrument :
MSVOA_N
ClientSampleId :
31527DL

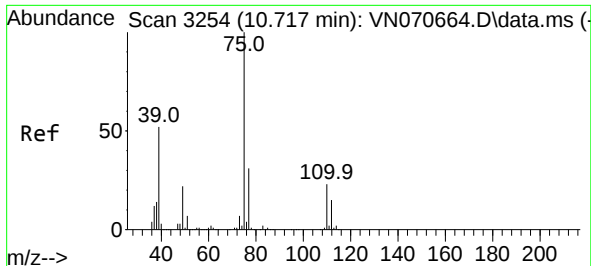
Tgt Ion: 43 Resp: 748687
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6



#52
Toluene
Concen: 47.290 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 92 Resp: 1452579
Ion Ratio Lower Upper
92 100
91 172.4 142.0 213.0

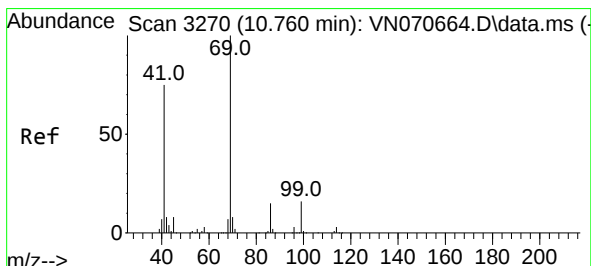
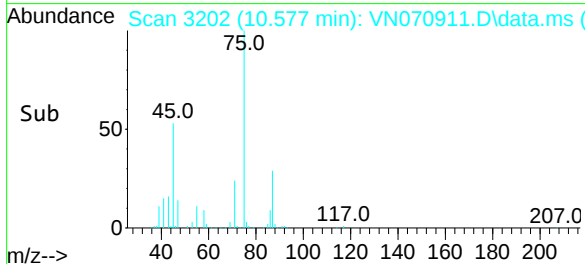
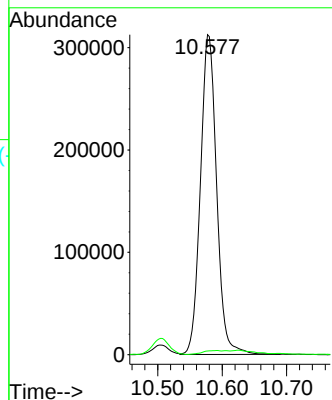
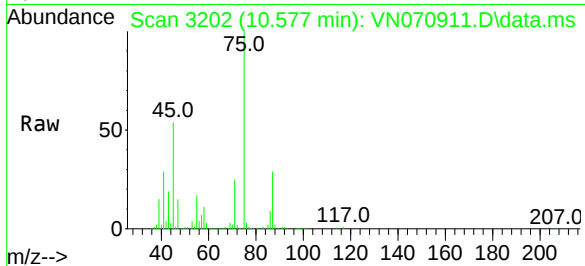




#53
t-1,3-Dichloropropene
Concen: 30.218 ug/l
RT: 10.577 min Scan# 31
Delta R.T. -0.140 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

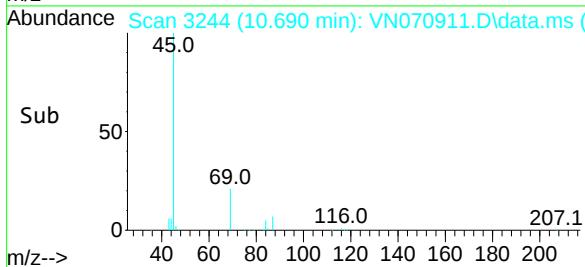
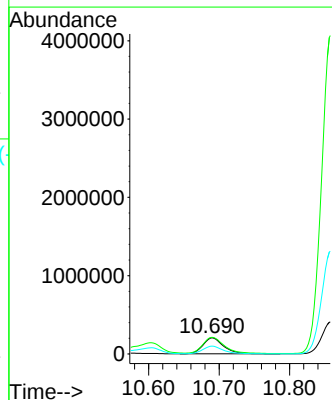
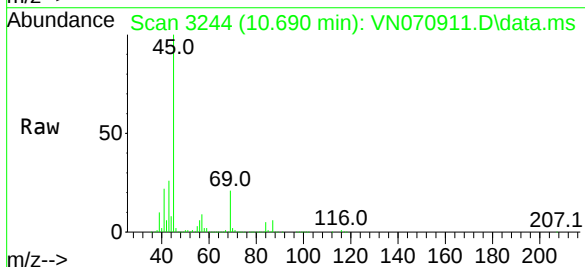
Instrument :
MSVOA_N
ClientSampleId :
31527DL

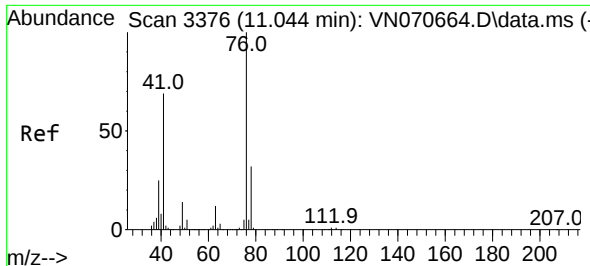
Tgt Ion: 75 Resp: 546271
Ion Ratio Lower Upper
75 100
77 0.8 25.6 38.4#



#56
Ethyl methacrylate
Concen: 20.285 ug/l
RT: 10.690 min Scan# 3244
Delta R.T. -0.070 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 69 Resp: 412164
Ion Ratio Lower Upper
69 100
41 107.0 51.4 77.0#
39 47.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 0.578 ug/l

RT: 11.090 min Scan# 31

Delta R.T. 0.046 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

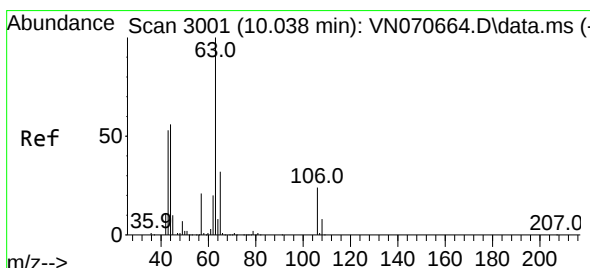
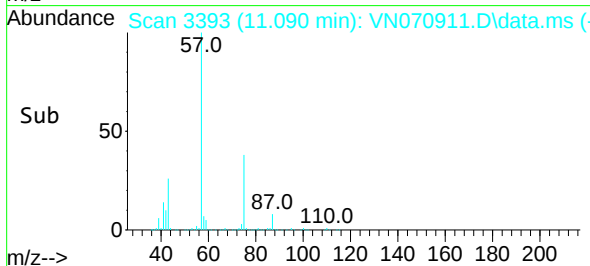
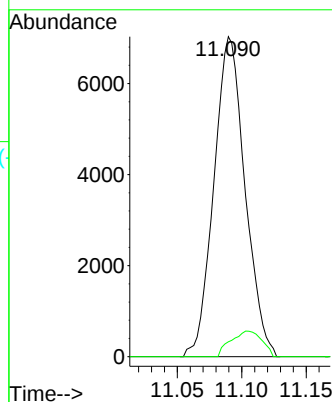
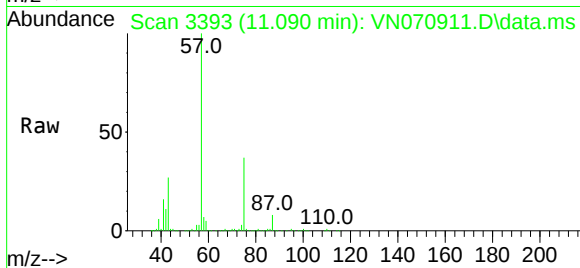
31527DL

Tgt Ion: 76 Resp: 11808

Ion Ratio Lower Upper

76 100

78 8.0 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 20.170 ug/l

RT: 10.164 min Scan# 3048

Delta R.T. 0.123 min

Lab File: VN070911.D

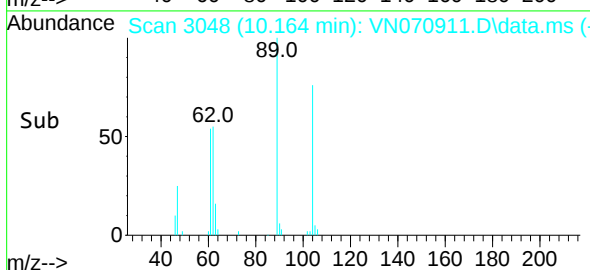
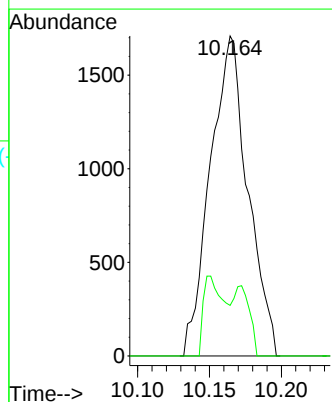
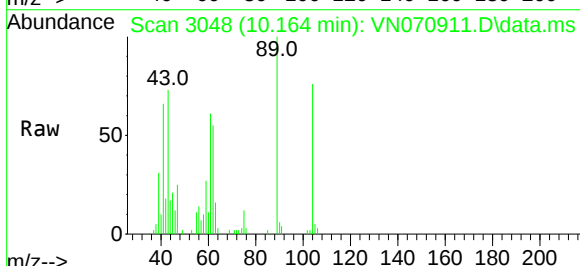
Acq: 3 Feb 2022 00:06

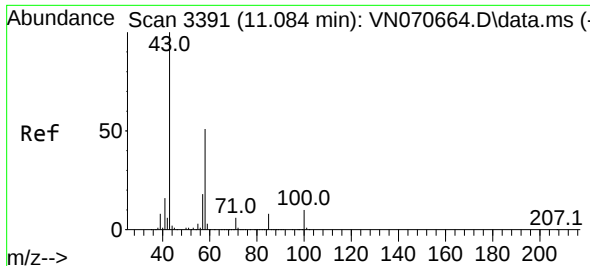
Tgt Ion: 63 Resp: 3106

Ion Ratio Lower Upper

63 100

106 9.3 23.9 35.9#

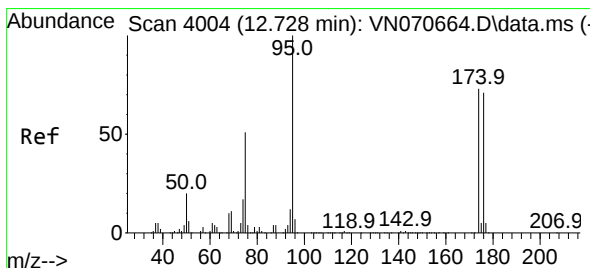
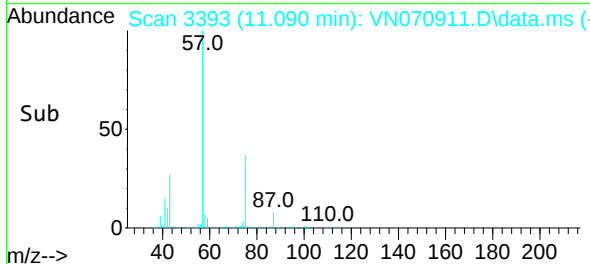
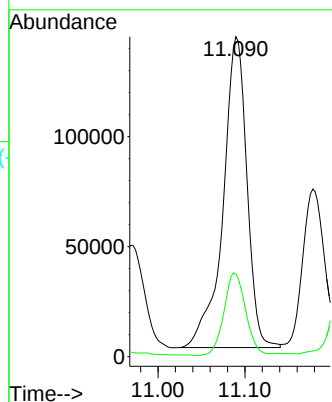
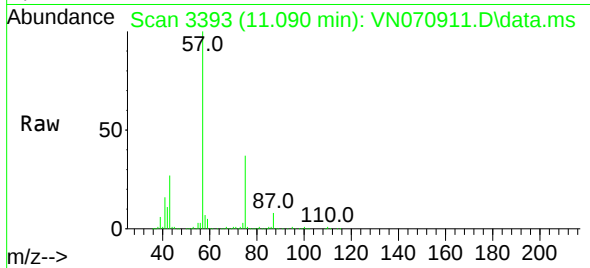




#59
2-Hexanone
Concen: 17.131 ug/l
RT: 11.090 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

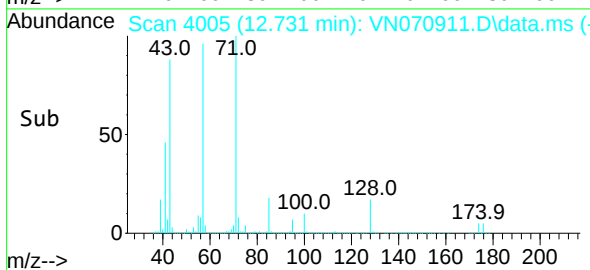
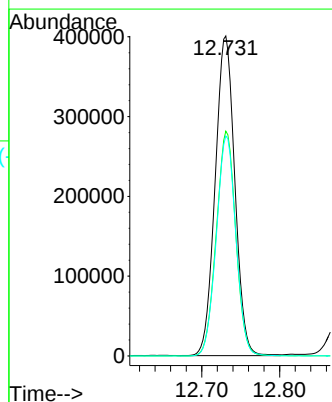
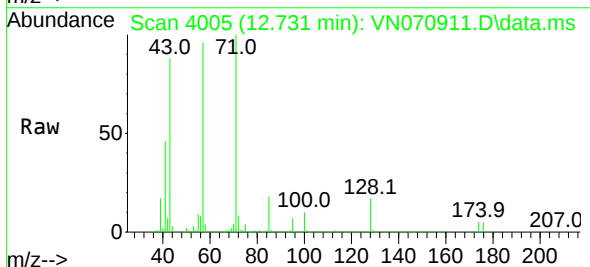
Instrument :
MSVOA_N
ClientSampleId :
31527DL

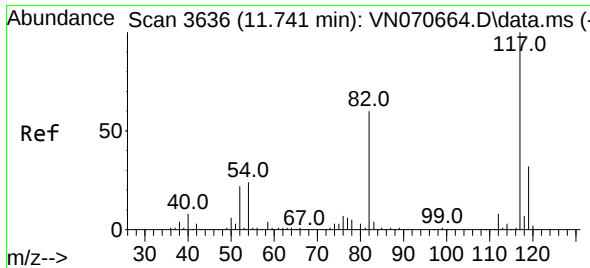
Tgt Ion: 43 Resp: 269156
Ion Ratio Lower Upper
43 100
58 24.3 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 48.756 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 95 Resp: 700617
Ion Ratio Lower Upper
95 100
174 69.7 0.0 187.2
176 68.4 0.0 181.4

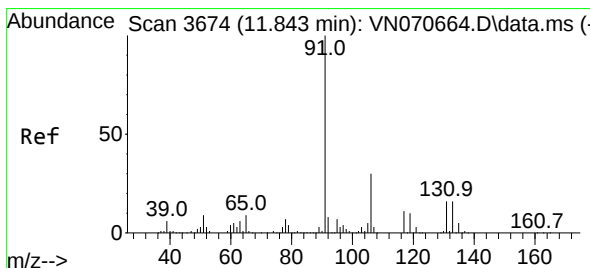
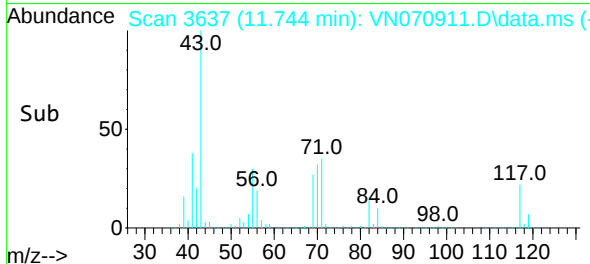
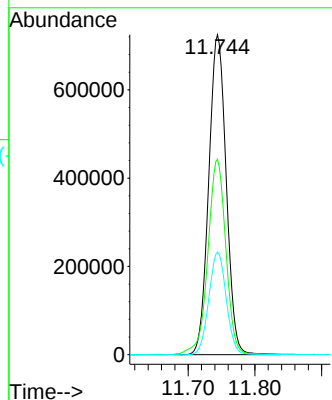
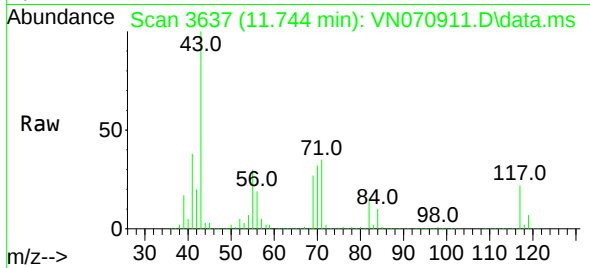




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

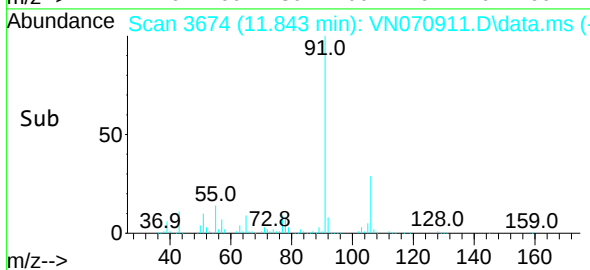
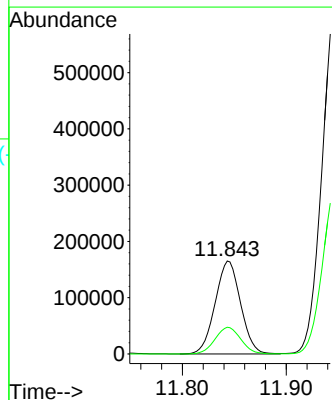
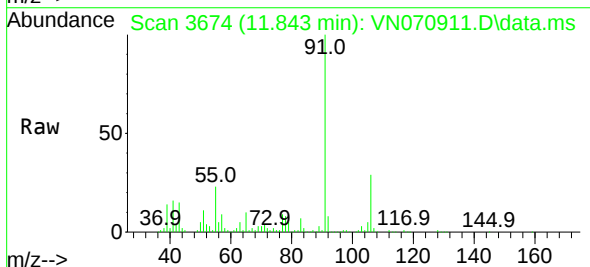
Instrument :
MSVOA_N
ClientSampleId :
31527DL

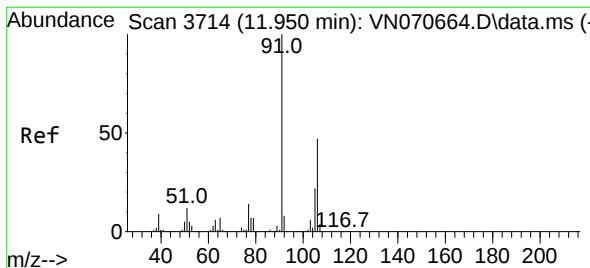
Tgt Ion:117 Resp: 1314684
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 5.603 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 91 Resp: 281060
Ion Ratio Lower Upper
91 100
106 28.8 25.7 38.5

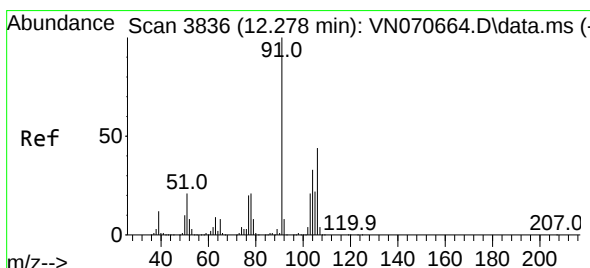
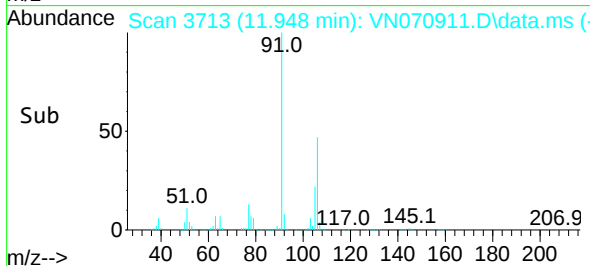
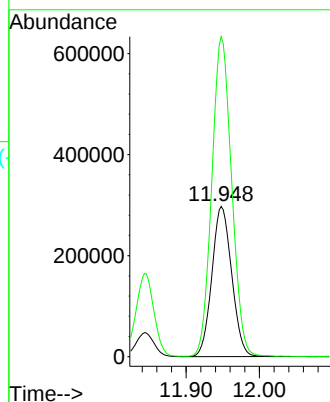
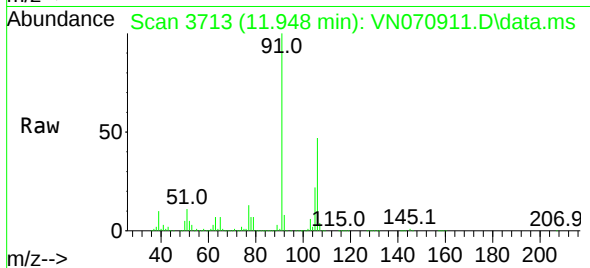




#68
m/p-Xylenes
Concen: 30.008 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

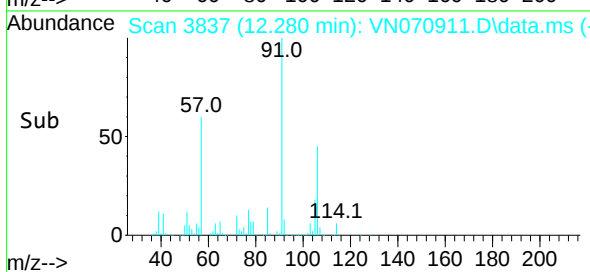
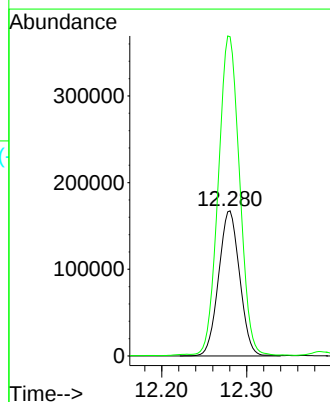
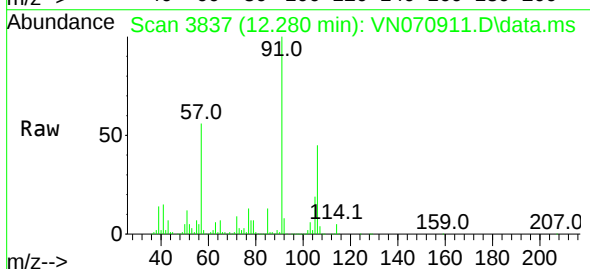
Instrument :
MSVOA_N
ClientSampleId :
31527DL

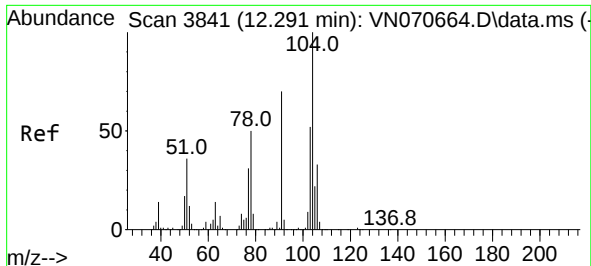
Tgt Ion:106 Resp: 557705
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8



#69
o-Xylene
Concen: 15.474 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion:106 Resp: 287835
Ion Ratio Lower Upper
106 100
91 221.8 105.8 317.3

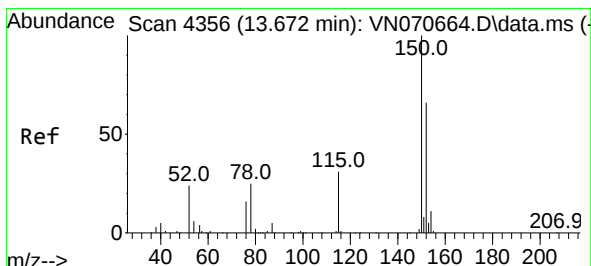
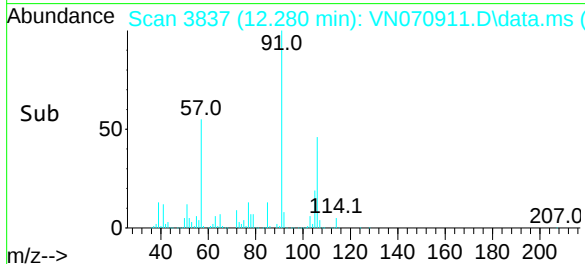
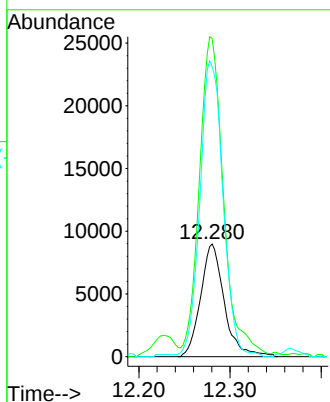
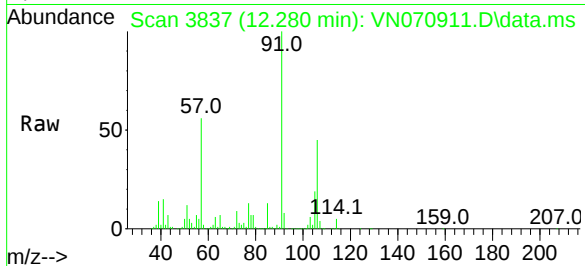




#70
Styrene
Concen: 0.554 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.014 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

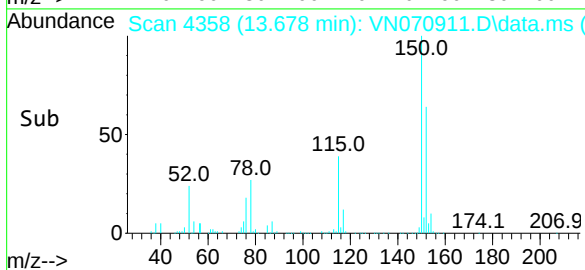
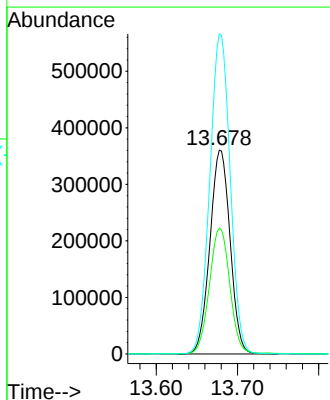
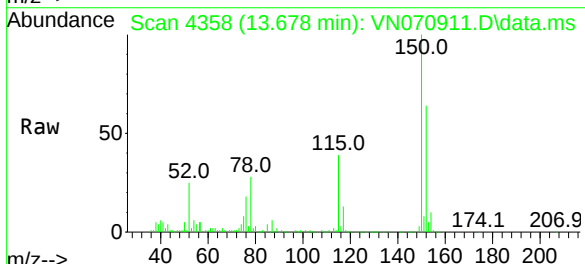
Instrument :
MSVOA_N
ClientSampleId :
31527DL

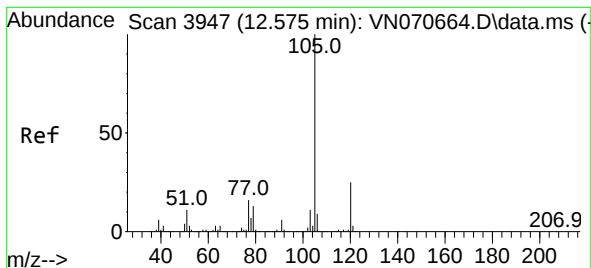
Tgt Ion:104 Resp: 16227
Ion Ratio Lower Upper
104 100
78 285.1 38.7 58.1#
103 257.5 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.006 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion:152 Resp: 622266
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 158.6 0.0 344.4





#73

Isopropylbenzene

Concen: 0.365 ug/l

RT: 12.578 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

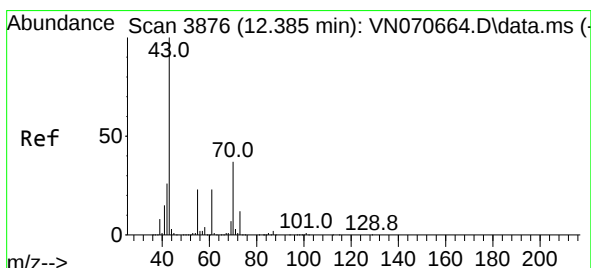
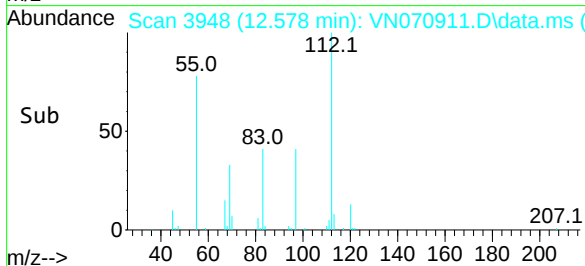
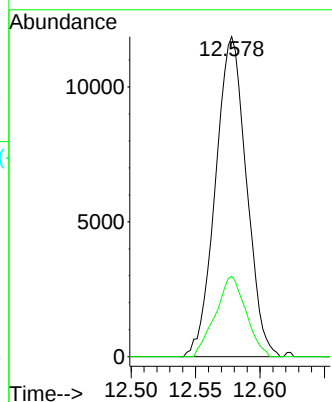
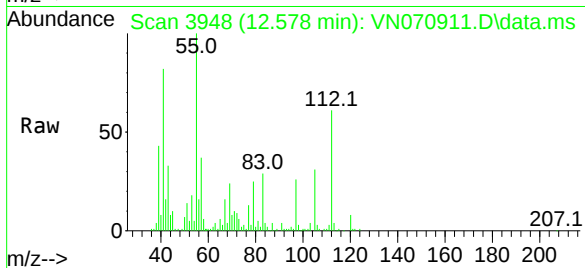
31527DL

Tgt Ion:105 Resp: 19842

Ion Ratio Lower Upper

105 100

120 24.7 13.4 40.1



#74

N-ethyl acetate

Concen: 123.235 ug/l

RT: 12.315 min Scan# 3850

Delta R.T. -0.073 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Tgt Ion: 43 Resp: 2996496

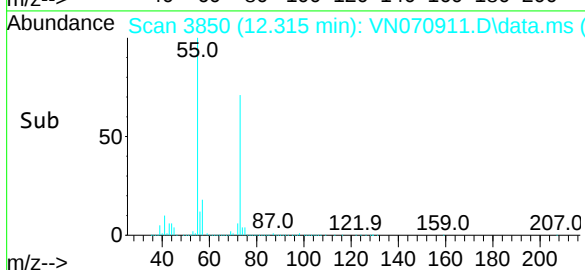
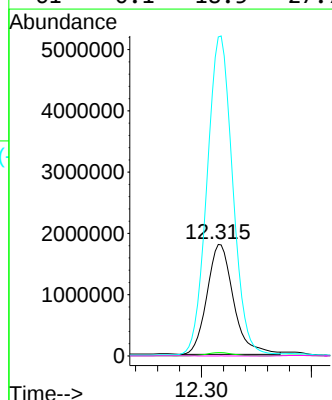
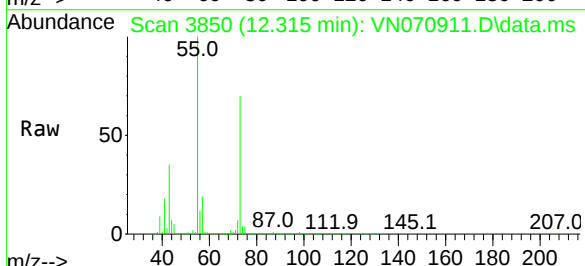
Ion Ratio Lower Upper

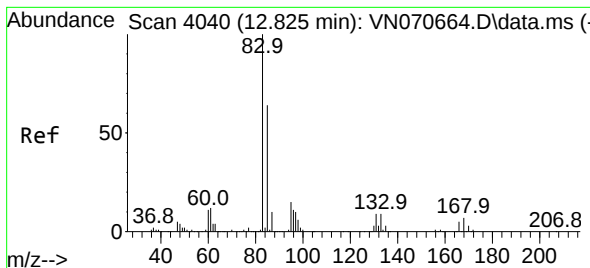
43 100

70 3.0 33.4 50.0#

55 281.1 19.3 28.9#

61 0.1 18.5 27.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 87.737 ug/l

RT: 12.870 min Scan# 4157

Delta R.T. 0.045 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

31527DL

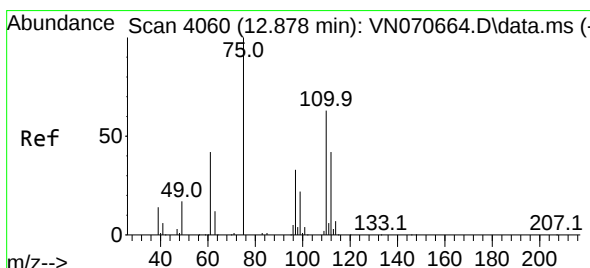
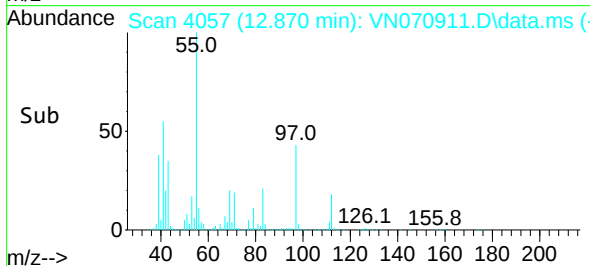
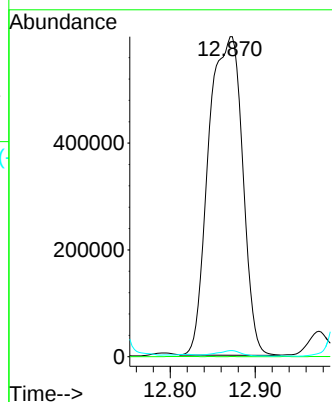
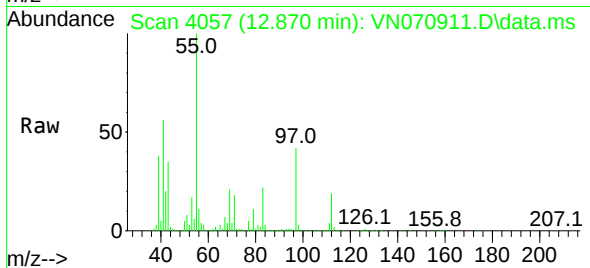
Tgt Ion: 83 Resp: 1649957

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: 0.846 ug/l

RT: 13.141 min Scan# 4158

Delta R.T. 0.263 min

Lab File: VN070911.D

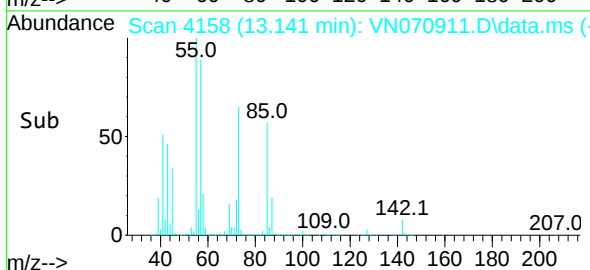
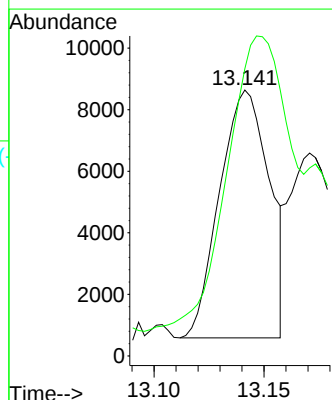
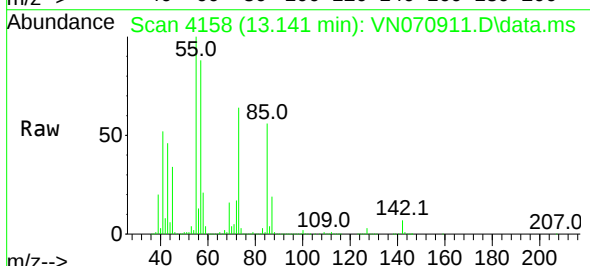
Acq: 3 Feb 2022 00:06

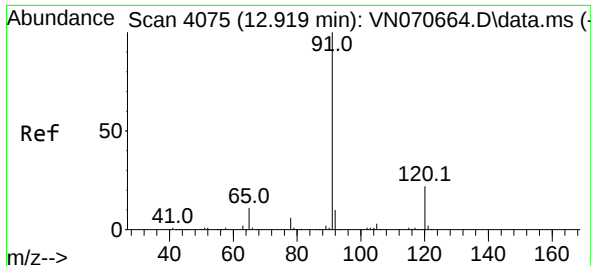
Tgt Ion: 75 Resp: 12667

Ion Ratio Lower Upper

75 100

77 151.0 82.6 247.8

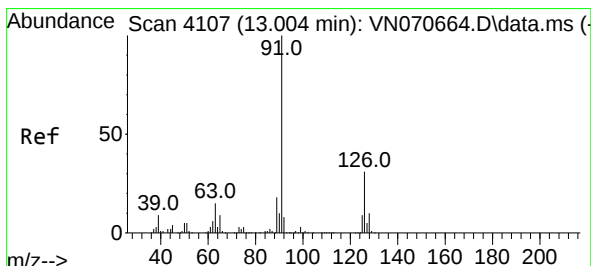
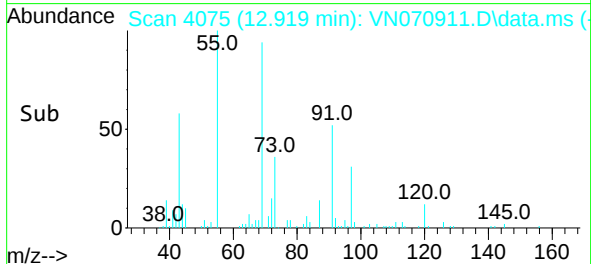
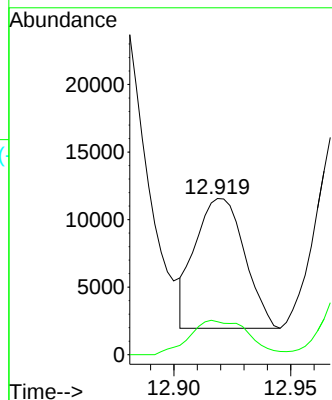
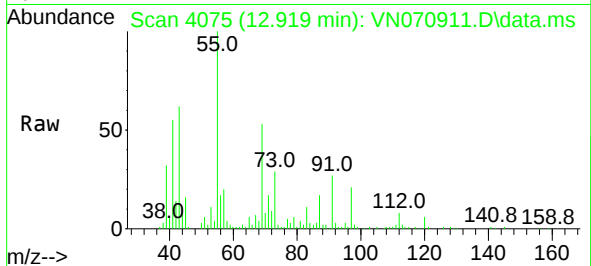




#78
n-propylbenzene
Concen: 0.227 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

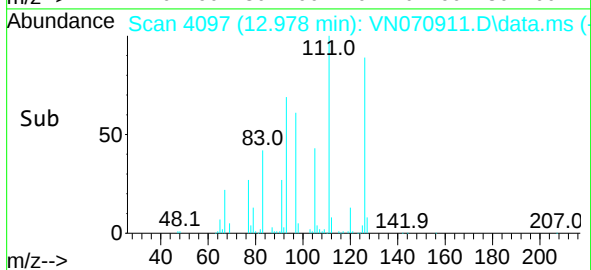
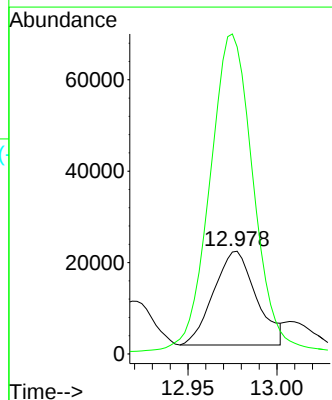
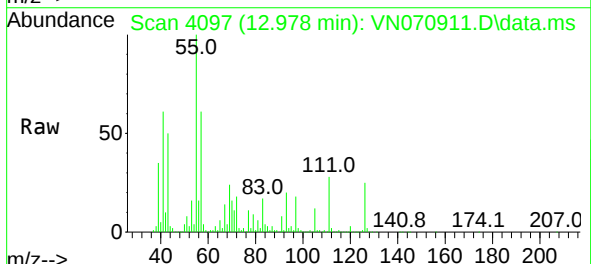
Instrument :
MSVOA_N
ClientSampleId :
31527DL

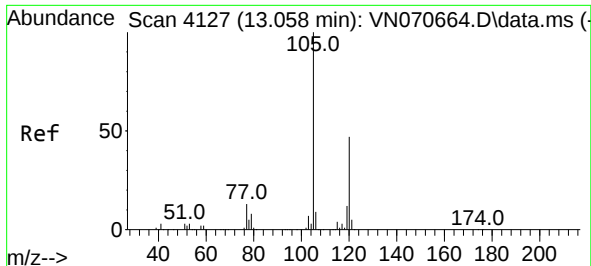
Tgt Ion: 91 Resp: 14084
Ion Ratio Lower Upper
91 100
120 31.6 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.890 ug/l
RT: 12.978 min Scan# 4097
Delta R.T. -0.029 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 91 Resp: 34277
Ion Ratio Lower Upper
91 100
126 352.4 18.3 54.8#

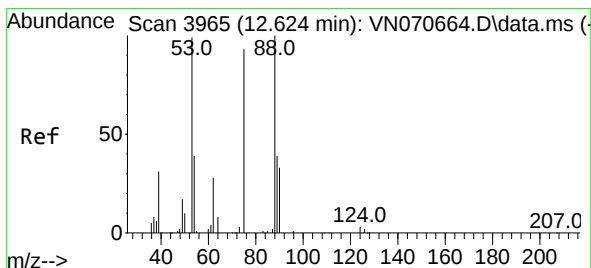
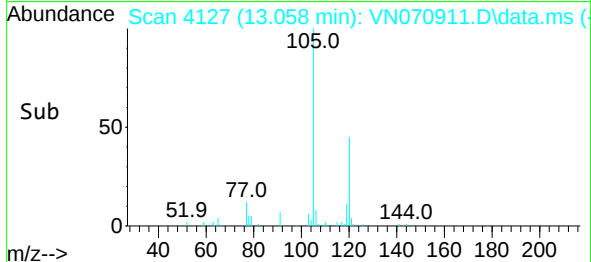
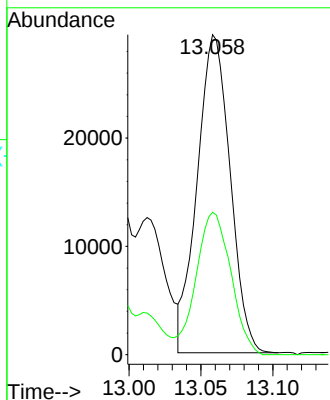
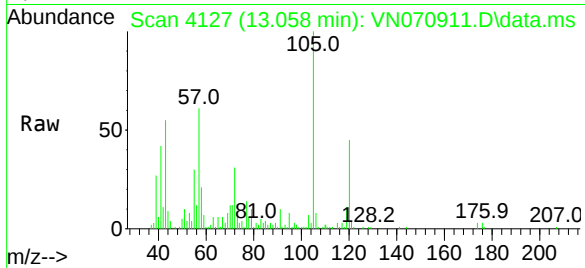




#80
1,3,5-Trimethylbenzene
Concen: 1.062 ug/l
RT: 13.058 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

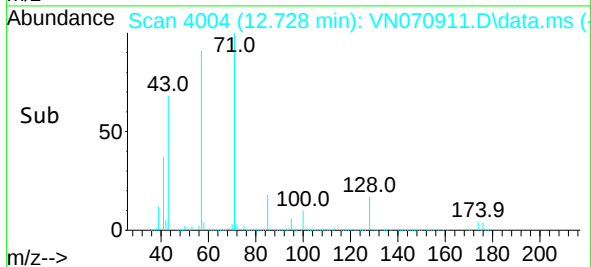
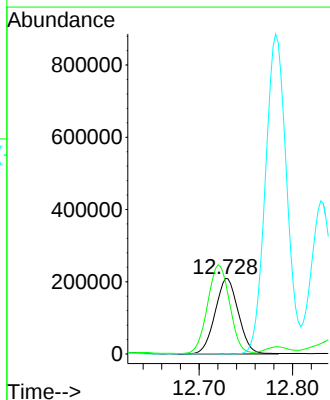
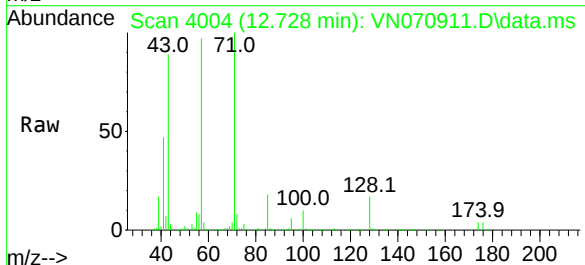
Instrument :
MSVOA_N
ClientSampleId :
31527DL

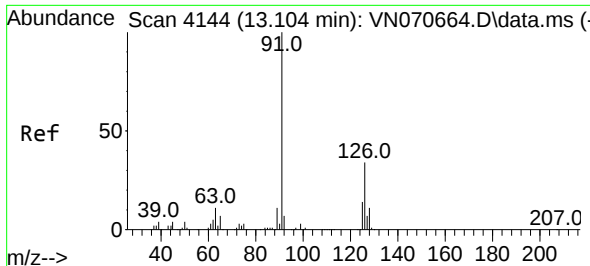
Tgt Ion:105 Resp: 46755
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 65.607 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 75 Resp: 362513
Ion Ratio Lower Upper
75 100
53 111.4 90.5 135.7
89 0.0 38.2 57.4#

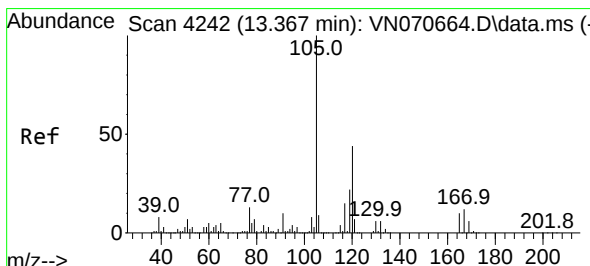
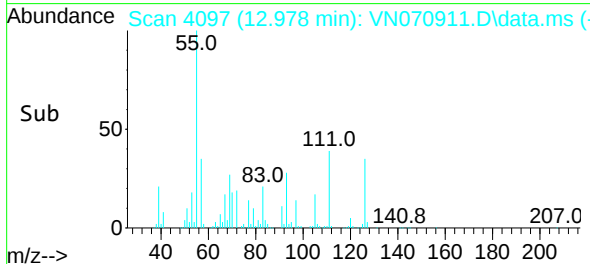
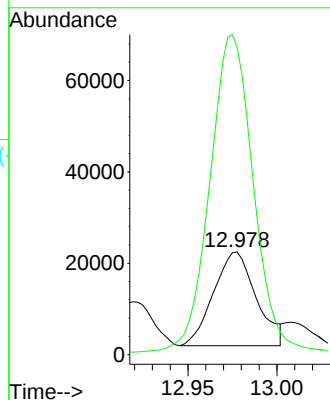
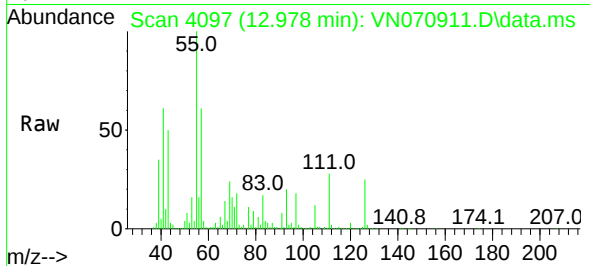




#82
4-Chlorotoluene
Concen: 0.924 ug/l
RT: 12.978 min Scan# 4144
Delta R.T. -0.126 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

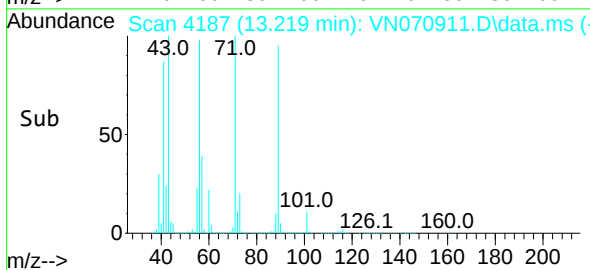
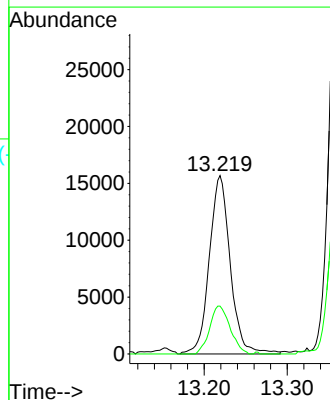
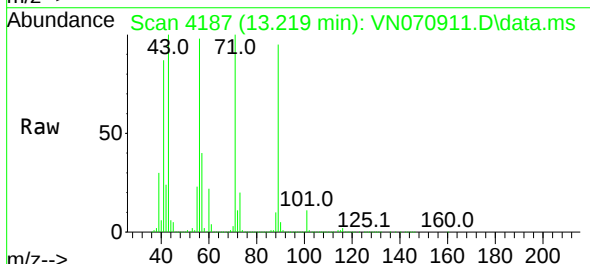
Instrument :
MSVOA_N
ClientSampleId :
31527DL

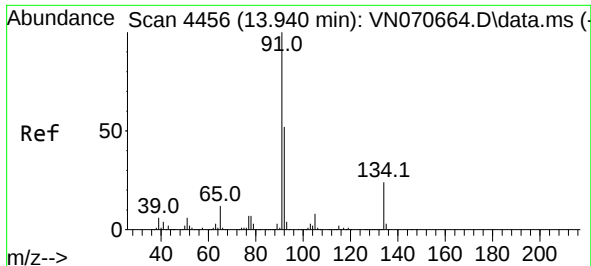
Tgt Ion: 91 Resp: 34277
Ion Ratio Lower Upper
91 100
126 349.2 18.2 54.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.638 ug/l
RT: 13.219 min Scan# 4187
Delta R.T. -0.148 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion: 105 Resp: 27449
Ion Ratio Lower Upper
105 100
120 26.2 22.8 68.4





#89

n-Butylbenzene

Concen: 0.856 ug/l

RT: 13.900 min Scan# 4456

Delta R.T. -0.041 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

31527DL

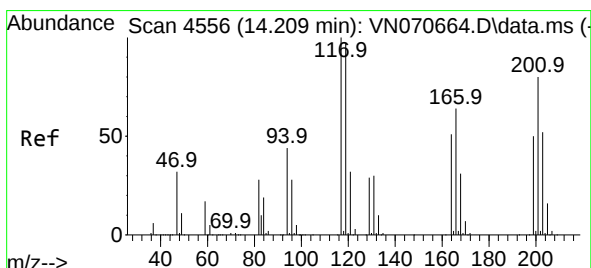
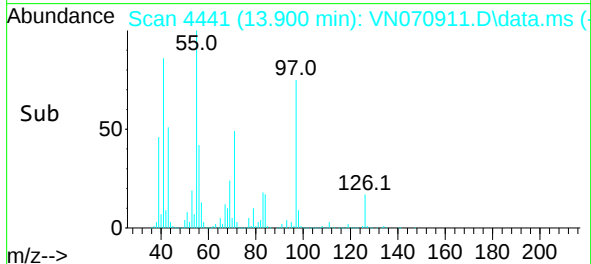
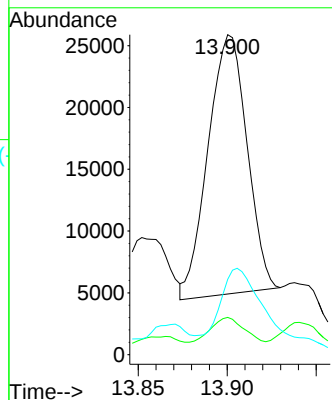
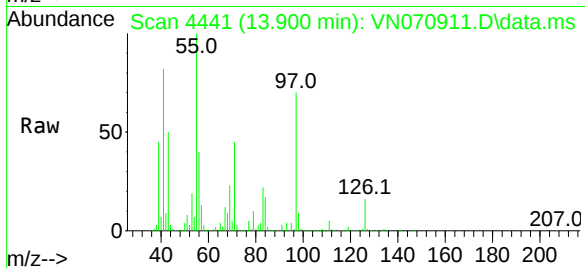
Tgt Ion: 91 Resp: 31955

Ion Ratio Lower Upper

91 100

92 13.6 25.4 76.0#

134 43.3 13.6 40.8#



#90

Hexachloroethane

Concen: 1.001 ug/l

RT: 14.214 min Scan# 4558

Delta R.T. 0.005 min

Lab File: VN070911.D

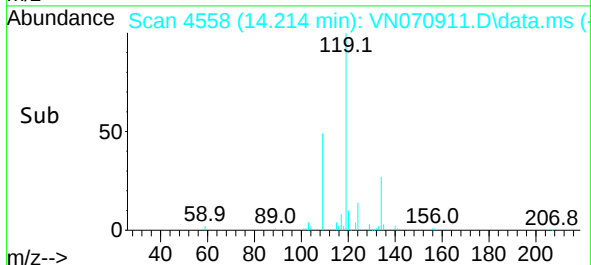
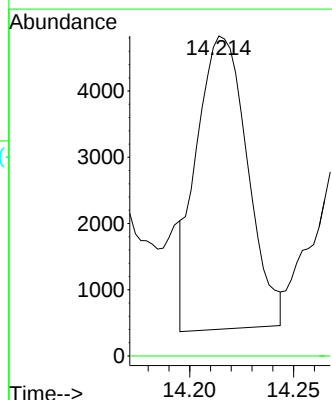
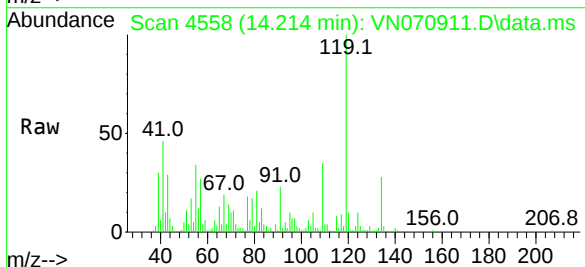
Acq: 3 Feb 2022 00:06

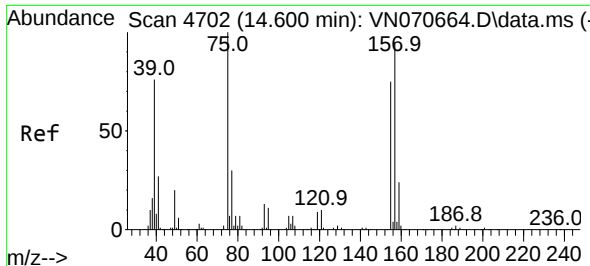
Tgt Ion: 117 Resp: 7512

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#

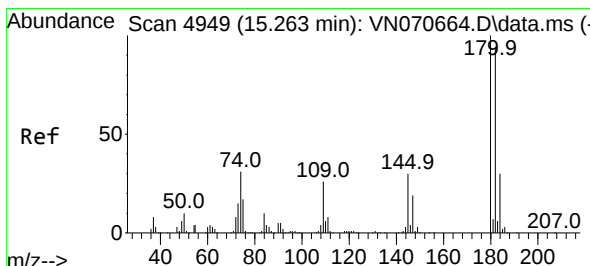
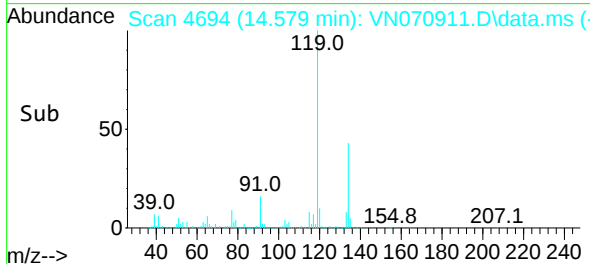
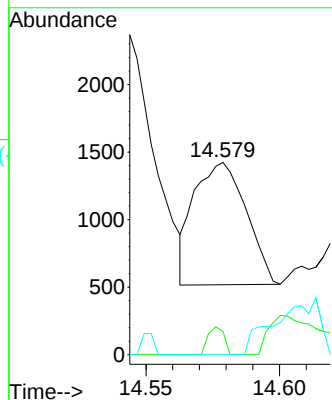
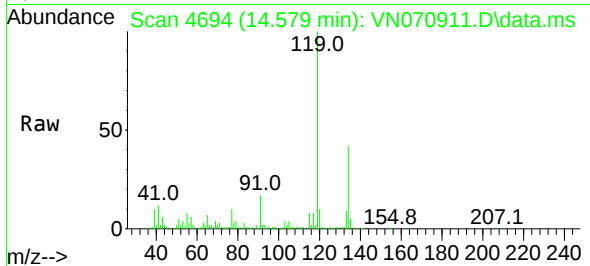




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.360 ug/l
RT: 14.579 min Scan# 41
Delta R.T. -0.024 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

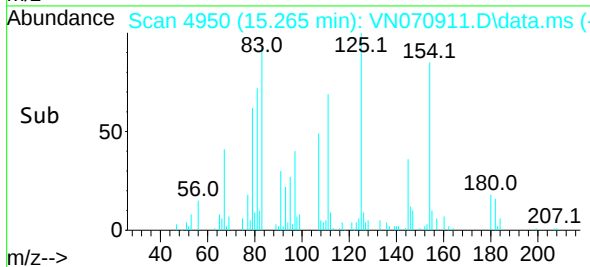
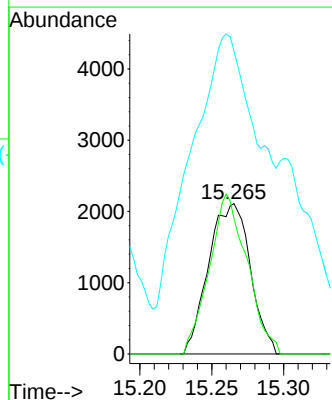
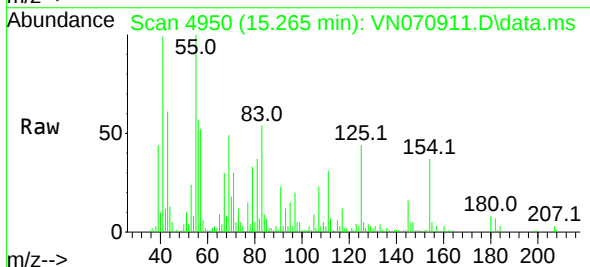
Instrument :
MSVOA_N
ClientSampleId :
31527DL

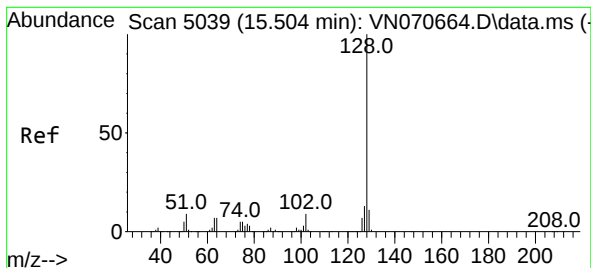
Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
155 7.0 46.9 140.7#
157 0.0 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.371 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070911.D
Acq: 3 Feb 2022 00:06

Tgt Ion:180 Resp: 4260
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.9
145 289.2 14.5 43.5#





#95

Naphthalene

Concen: 14.000 ug/l

RT: 15.501 min Scan# 5039

Delta R.T. -0.003 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

31527DL

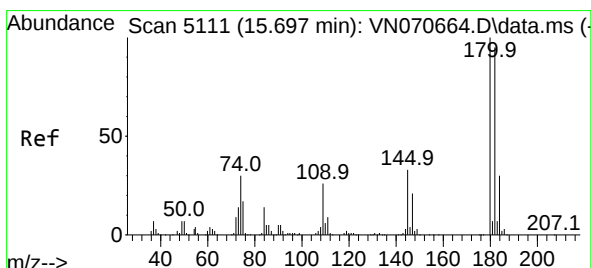
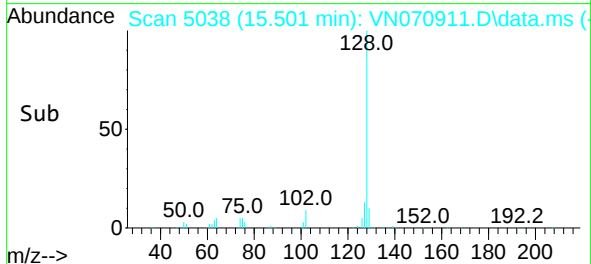
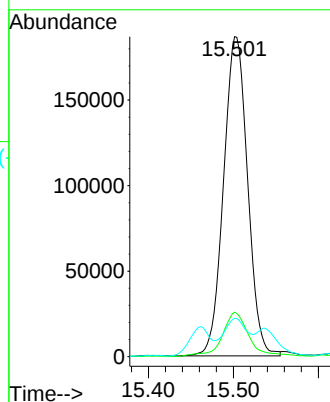
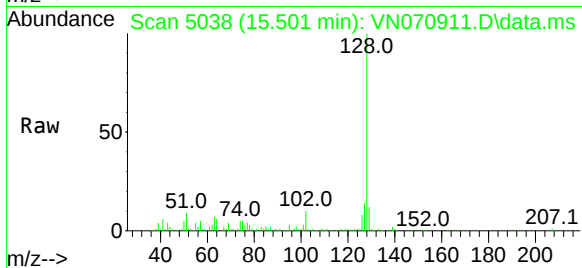
Tgt Ion:128 Resp: 367199

Ion Ratio Lower Upper

128 100

127 15.3 10.5 15.7

129 5.1 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 2.125 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN070911.D

Acq: 3 Feb 2022 00:06

Tgt Ion:180 Resp: 4806

Ion Ratio Lower Upper

180 100

182 98.3 47.4 142.2

145 286.3 15.0 45.1#

