

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070913.D
 Acq On : 3 Feb 2022 00:57
 Operator : JC/MD
 Sample : N1342-03DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31524DL

Quant Time: Feb 03 06:00:57 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	973877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1538459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1334713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	560907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	615302	46.676	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.360%
35) Dibromofluoromethane	8.021	113	450217	48.850	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.700%
50) Toluene-d8	10.441	98	1890280	49.953	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.728	95	675587	49.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.100%

Target Compounds					Qvalue	
8) Diethyl Ether	3.824	74	250160	33.876	ug/l	84
11) Tert butyl alcohol	5.380	59	789363	284.969	ug/l	99
13) Acrolein	4.036	56	843	0.276	ug/l #	14
15) Acrylonitrile	5.621	53	2881	0.372	ug/l #	24
16) Acetone	4.288	43	747262	94.801	ug/l	97
18) Methyl Acetate	4.859	43	209945	11.320	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	225213	6.010	ug/l #	82
22) Diisopropyl ether	6.493	45	312769	7.222	ug/l #	1
23) Vinyl Acetate	6.487	43	12973	0.339	ug/l #	72
25) 2-Butanone	7.337	43	735295	64.625	ug/l	93
29) Tetrahydrofuran	7.689	42	33135	4.483	ug/l #	80
31) Cyclohexane	8.091	56	62021	2.769	ug/l #	67
36) 1,1-Dichloropropene	8.083	75	78009	5.210	ug/l #	48
37) Ethyl Acetate	7.337	43	735295	35.633	ug/l #	68
38) Carbon Tetrachloride	8.086	117	96050	7.025	ug/l #	16
39) Methylcyclohexane	9.459	83	31909	1.734	ug/l #	89
40) Benzene	8.461	78	8182638	173.956	ug/l	99
41) Methacrylonitrile	7.659	41	47921	4.622	ug/l #	36
42) 1,2-Dichloroethane	8.461	62	70806	4.422	ug/l #	76
43) Isopropyl Acetate	8.560	43	69027	1.990	ug/l #	63
48) Methyl methacrylate	9.531	41	435964	29.149	ug/l #	33
49) 1,4-Dioxane	9.569	88	21712	86.658	ug/l #	27
51) 4-Methyl-2-Pentanone	10.331	43	185804	9.100	ug/l	97
52) Toluene	10.505	92	5308864	182.153	ug/l	96
53) t-1,3-Dichloropropene	10.797	75	5943	0.346	ug/l	94
54) cis-1,3-Dichloropropene	10.164	75	10351	0.555	ug/l #	1
56) Ethyl methacrylate	10.690	69	34236	1.776	ug/l #	55
57) 1,3-Dichloropropane	11.087	76	5450	0.281	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.164	63	14186	22.154	ug/l #	84
59) 2-Hexanone	11.090	43	156628	10.507	ug/l	65
67) Ethyl Benzene	11.843	91	414266	8.135	ug/l	95
68) m/p-Xylenes	11.948	106	851215	45.114	ug/l	92
69) o-Xylene	12.278	106	331829	17.572	ug/l	92
70) Styrene	12.275	104	18794	0.631	ug/l #	1
73) Isopropylbenzene	12.578	105	39737	0.812	ug/l	97
74) N-amyl acetate	12.315	43	173769	7.928	ug/l #	1

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

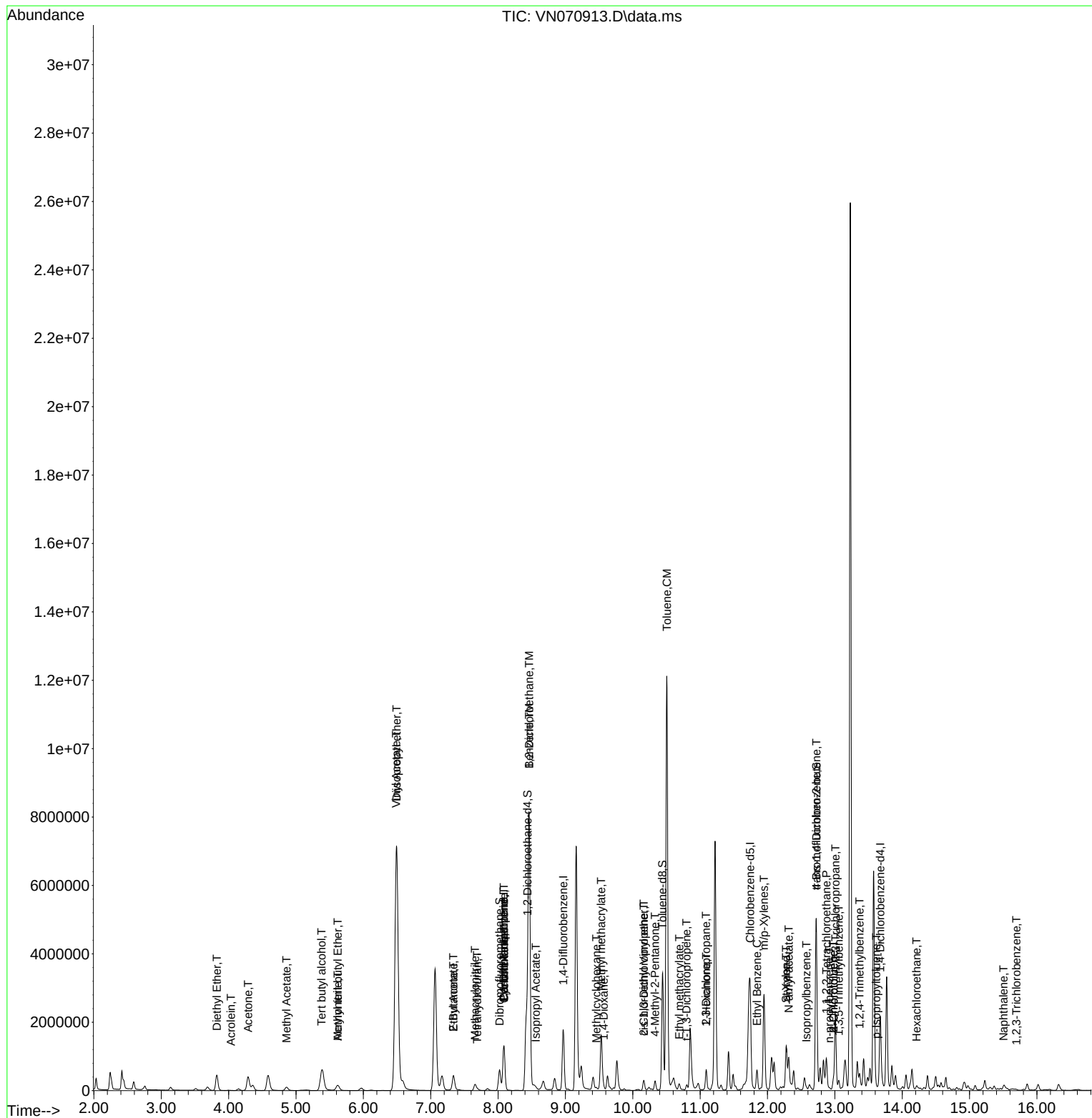
75) 1,1,2,2-Tetrachloroethane	12.873	83	90051	5.312	ug/l #	25
76) 1,2,3-Trichloropropane	13.007	75	19506	1.445	ug/l #	1
78) n-propylbenzene	12.919	91	28891	0.518	ug/l	92
79) 2-Chlorotoluene	12.980	91	25669	0.740	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	144043	3.631	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.728	75	354372	71.149	ug/l #	12
82) 4-Chlorotoluene	12.980	91	25669	0.767	ug/l	91
84) 1,2,4-Trimethylbenzene	13.367	105	257670	6.642	ug/l	95
86) p-Isopropyltoluene	13.613	119	12579	0.330	ug/l #	77
90) Hexachloroethane	14.214	117	4036	0.597	ug/l #	6
95) Naphthalene	15.504	128	65078	5.600	ug/l	97
96) 1,2,3-Trichlorobenzene	15.697	180	1568	1.854	ug/l #	1

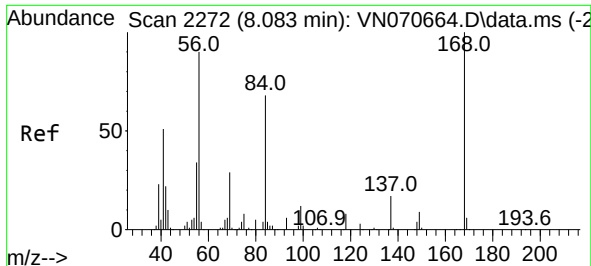
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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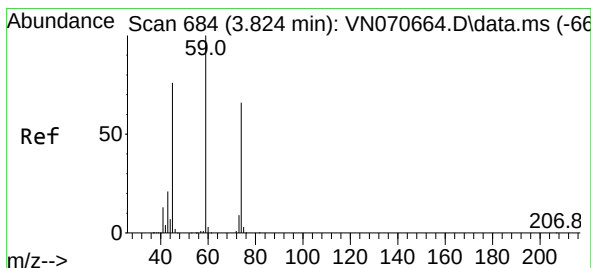
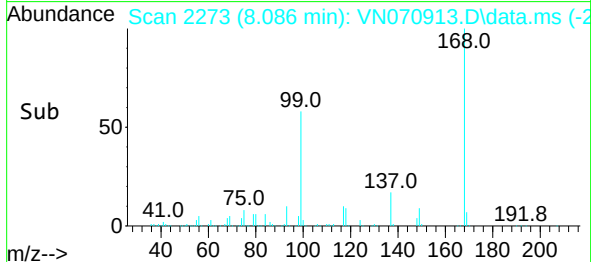
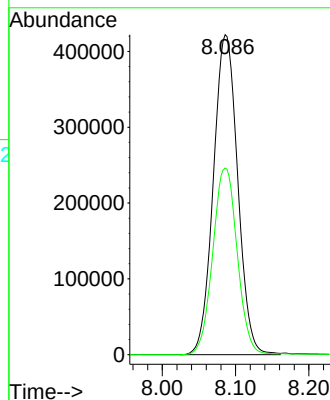
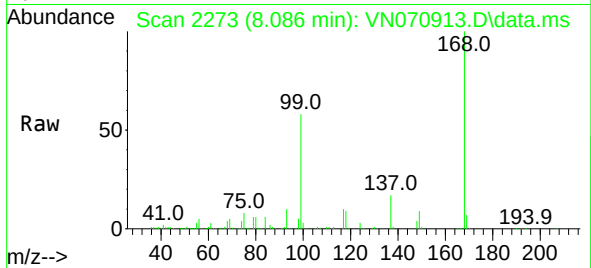




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

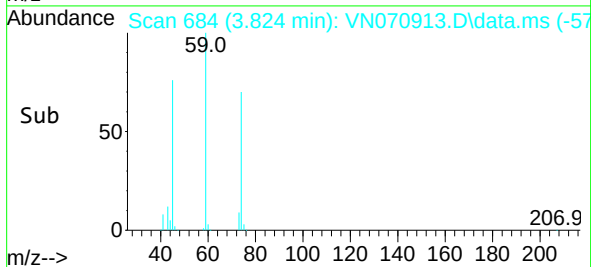
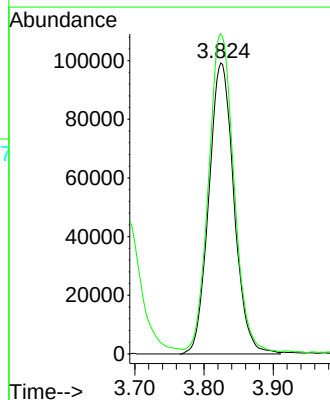
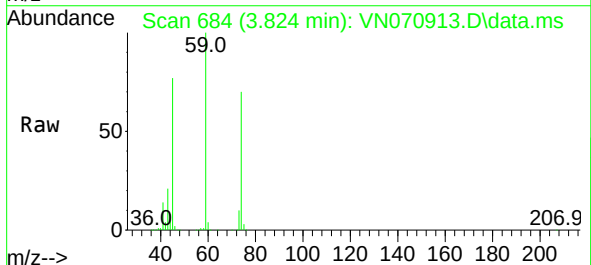
Instrument :
MSVOA_N
ClientSampleId :
31524DL

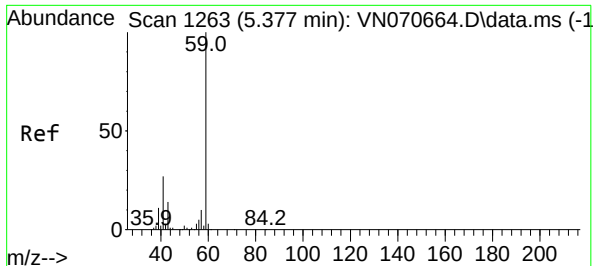
Tgt Ion:168 Resp: 973877
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#8
Diethyl Ether
Concen: 33.876 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 74 Resp: 250160
Ion Ratio Lower Upper
74 100
45 109.8 47.0 141.2

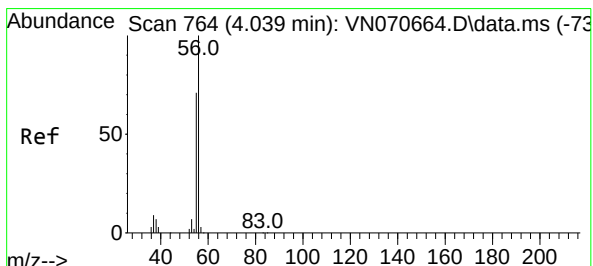
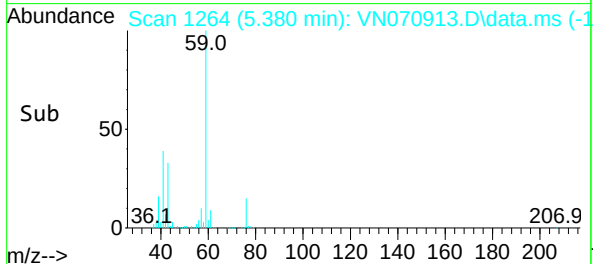
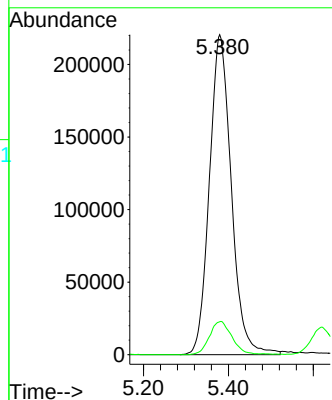
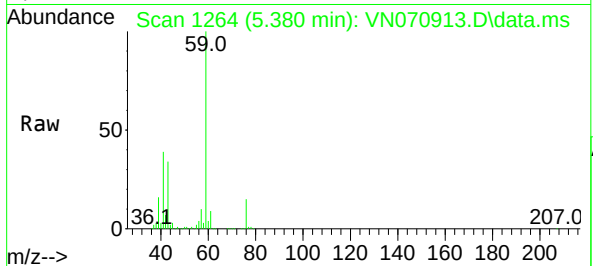




#11
Tert butyl alcohol
Concen: 284.969 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

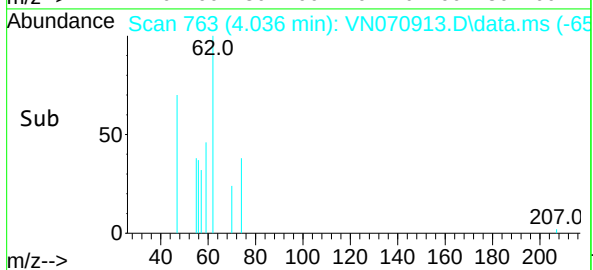
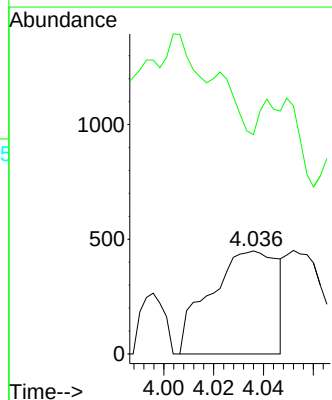
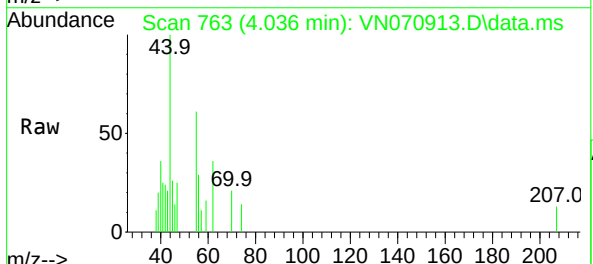
Instrument :
MSVOA_N
ClientSampleId :
31524DL

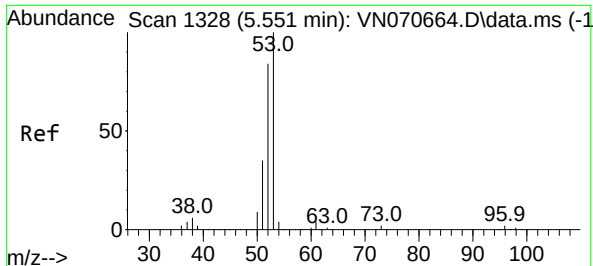
Tgt Ion: 59 Resp: 789363
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#13
Acrolein
Concen: 0.276 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 56 Resp: 843
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

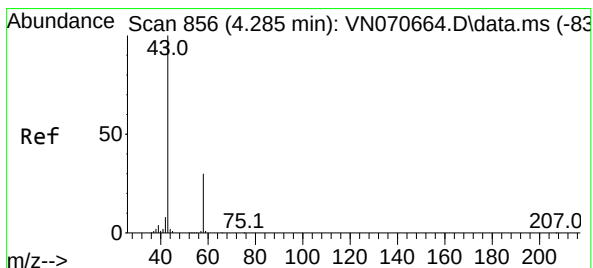
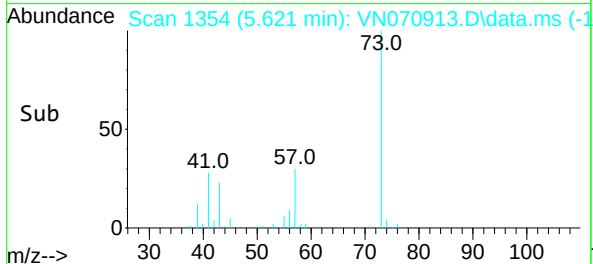
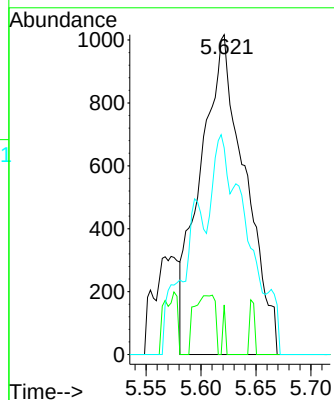
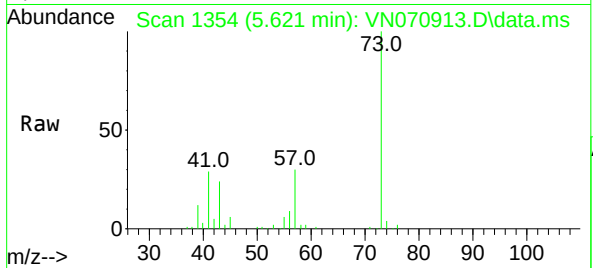




#15
Acrylonitrile
Concen: 0.372 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.070 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

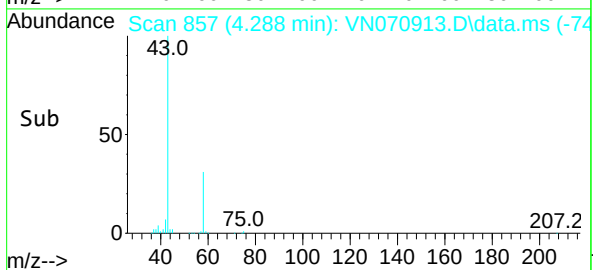
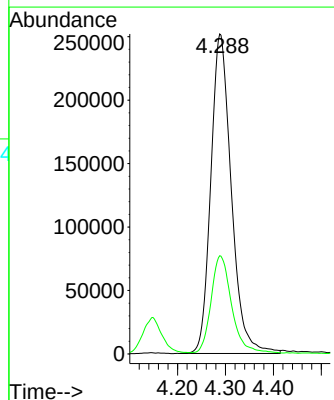
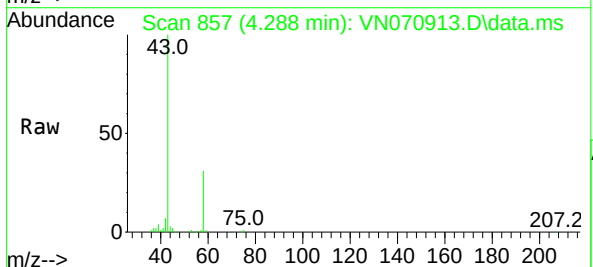
Instrument :
MSVOA_N
ClientSampleId :
31524DL

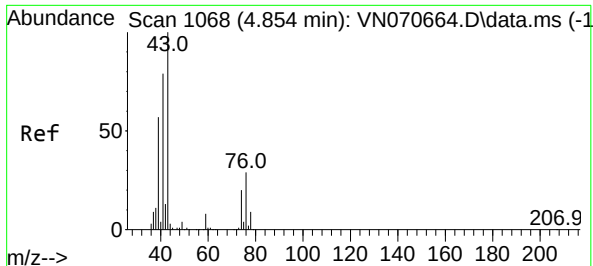
Tgt Ion: 53 Resp: 2881
Ion Ratio Lower Upper
53 100
52 0.9 66.2 99.2#
51 11.1 29.6 44.4#



#16
Acetone
Concen: 94.801 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 43 Resp: 747262
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7





#18

Methyl Acetate

Concen: 11.320 ug/l

RT: 4.859 min Scan# 1068

Delta R.T. 0.005 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Instrument :

MSVOA_N

ClientSampleId :

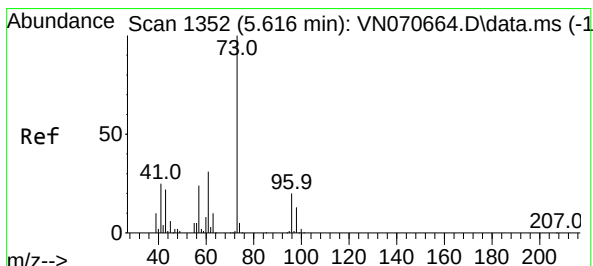
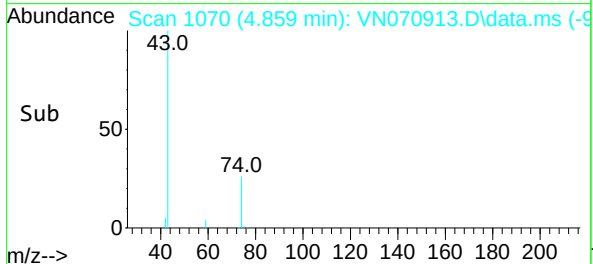
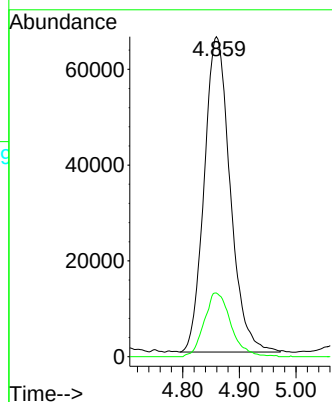
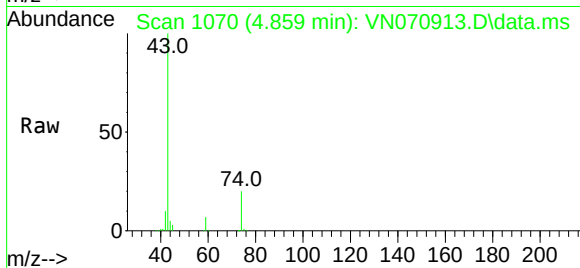
31524DL

Tgt Ion: 43 Resp: 209945

Ion Ratio Lower Upper

43 100

74 20.7 19.4 29.2



#19

Methyl tert-butyl Ether

Concen: 6.010 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.005 min

Lab File: VN070913.D

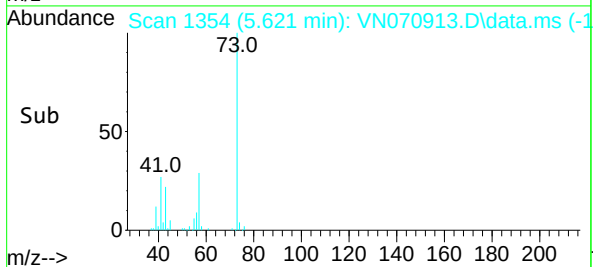
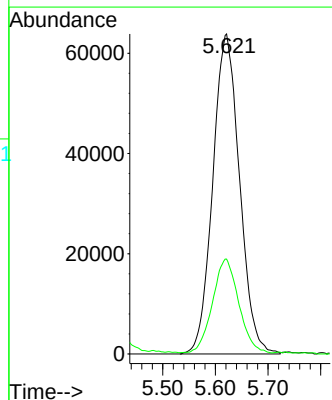
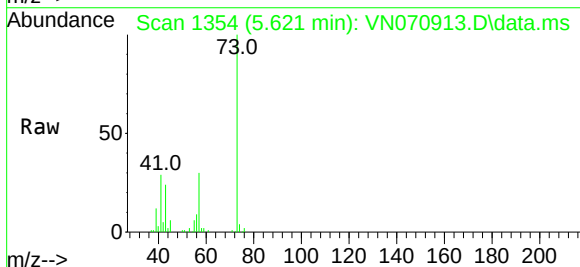
Acq: 3 Feb 2022 00:57

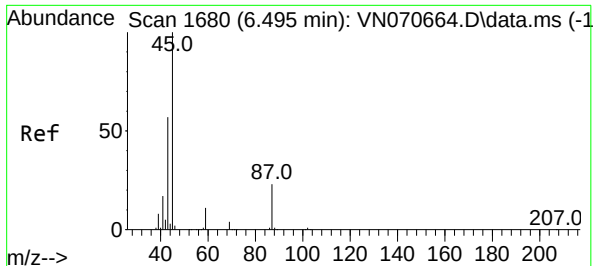
Tgt Ion: 73 Resp: 225213

Ion Ratio Lower Upper

73 100

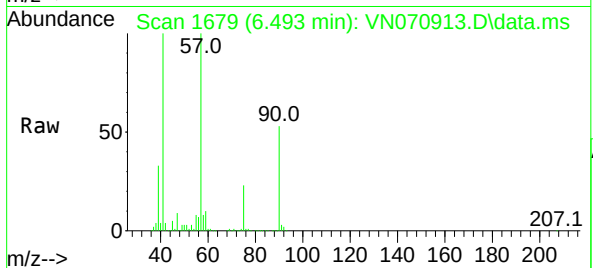
57 29.2 16.8 25.2#



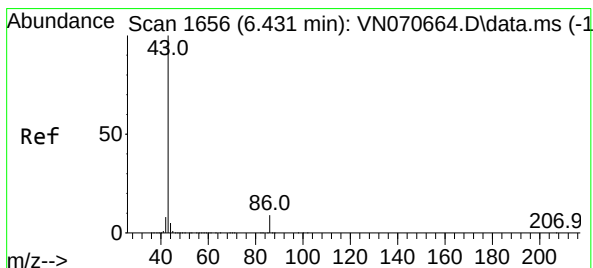
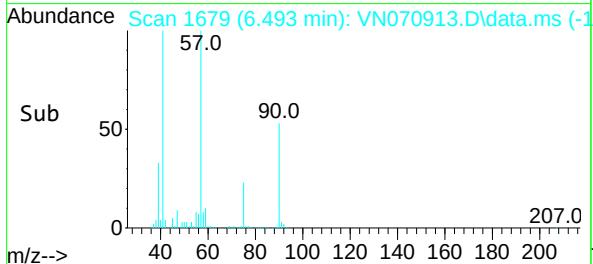
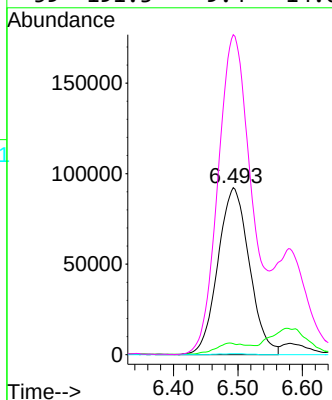


#22
Diisopropyl ether
Concen: 7.222 ug/l
RT: 6.493 min Scan# 1677
Delta R.T. -0.002 min
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Instrument :
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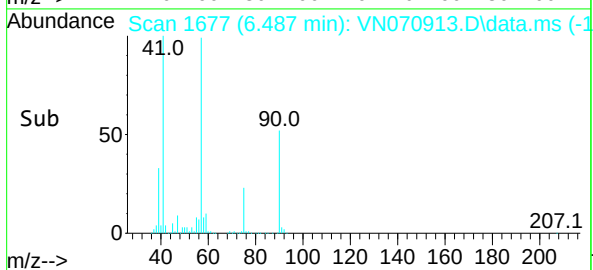
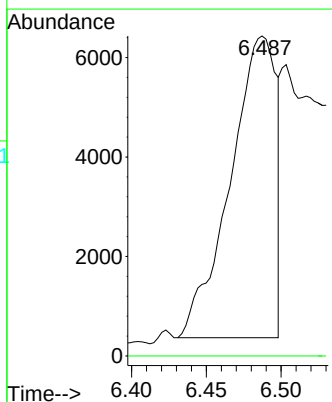
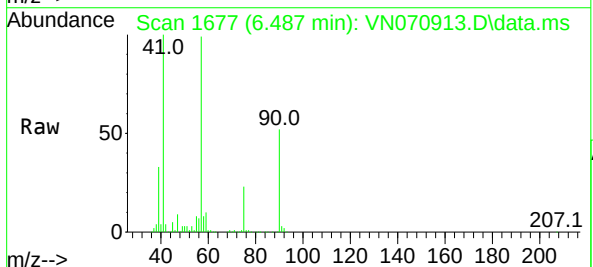


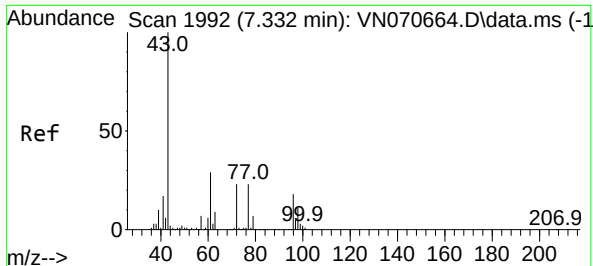
Tgt Ion: 45 Resp: 312769
Ion Ratio Lower Upper
45 100
43 6.3 51.7 77.5#
87 0.6 23.2 34.8#
59 191.3 9.4 14.0#



#23
Vinyl Acetate
Concen: 0.339 ug/l
RT: 6.487 min Scan# 1677
Delta R.T. 0.053 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 43 Resp: 12973
Ion Ratio Lower Upper
43 100
86 0.0 8.5 12.7#





#25

2-Butanone

Concen: 64.625 ug/l

RT: 7.337 min Scan# 1992

Delta R.T. 0.002 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Instrument :

MSVOA_N

ClientSampleId :

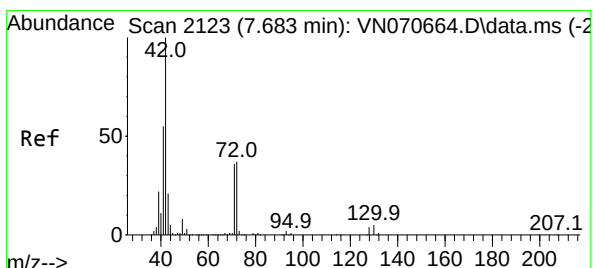
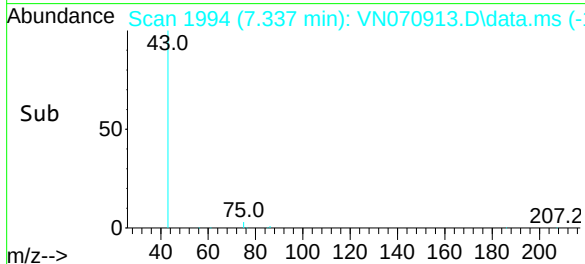
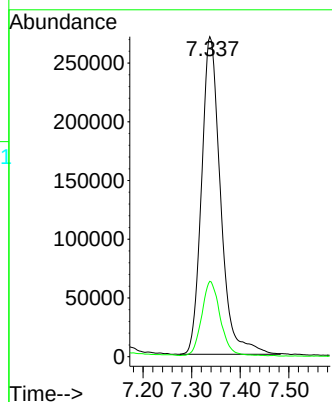
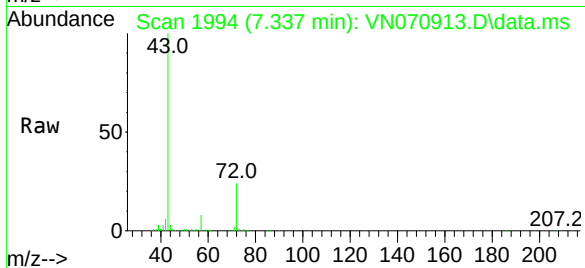
31524DL

Tgt Ion: 43 Resp: 735295

Ion Ratio Lower Upper

43 100

72 23.5 21.7 32.5



#29

Tetrahydrofuran

Concen: 4.483 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.003 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

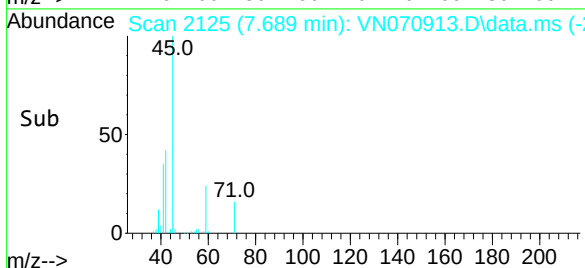
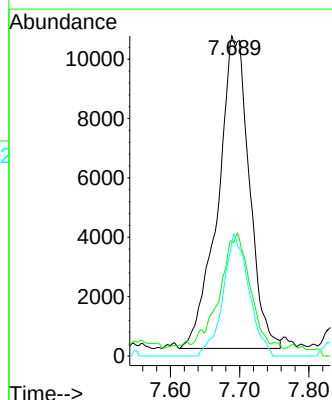
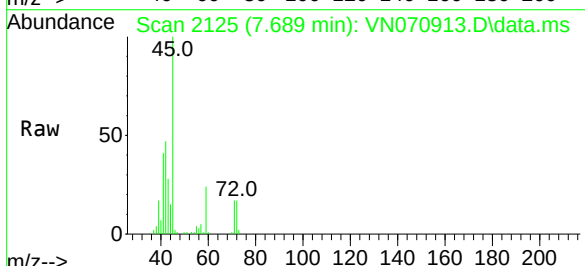
Tgt Ion: 42 Resp: 33135

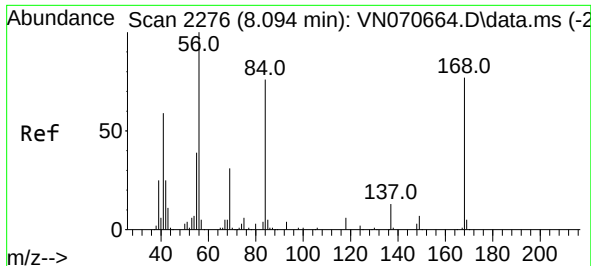
Ion Ratio Lower Upper

42 100

72 31.3 36.3 54.5#

71 32.2 34.7 52.1#

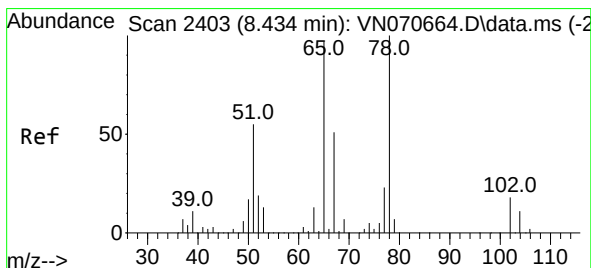
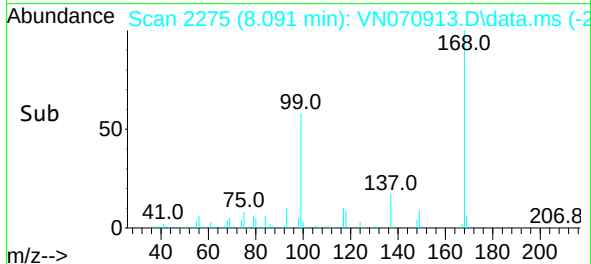
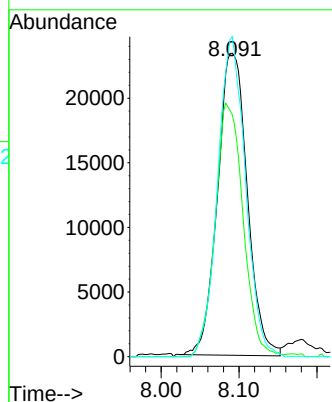
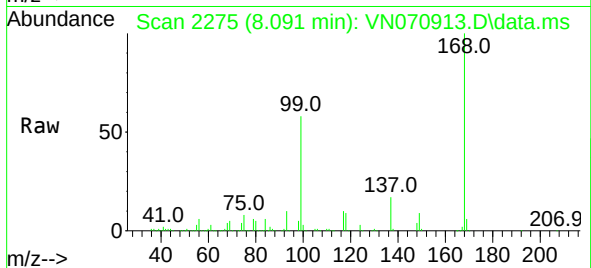




#31
Cyclohexane
Concen: 2.769 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

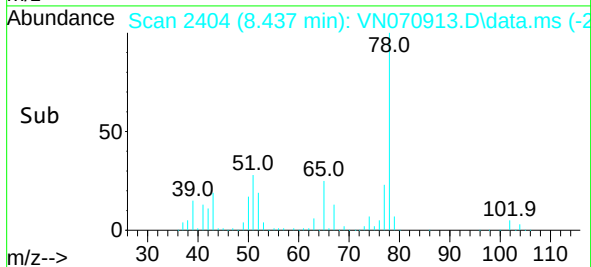
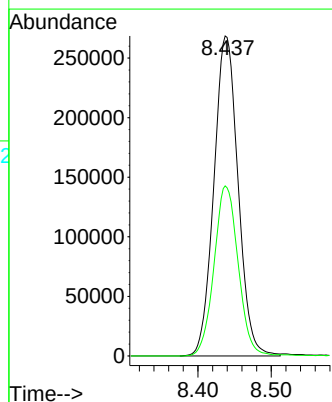
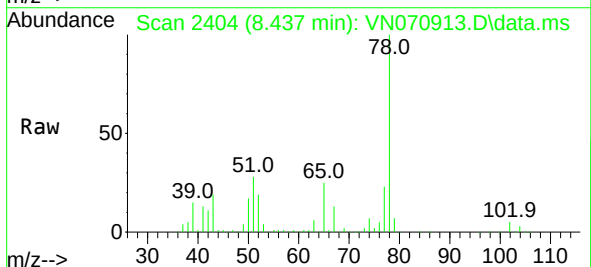
Instrument :
MSVOA_N
ClientSampleId :
31524DL

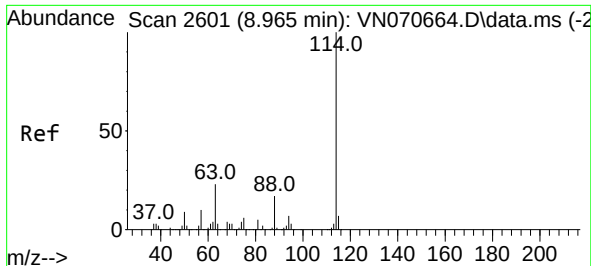
Tgt Ion: 56 Resp: 62021
Ion Ratio Lower Upper
56 100
69 80.3 27.1 40.7#
84 106.2 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 46.676 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 65 Resp: 615302
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Instrument :

MSVOA_N

ClientSampleId :

31524DL

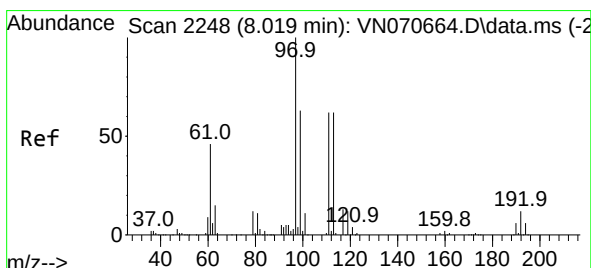
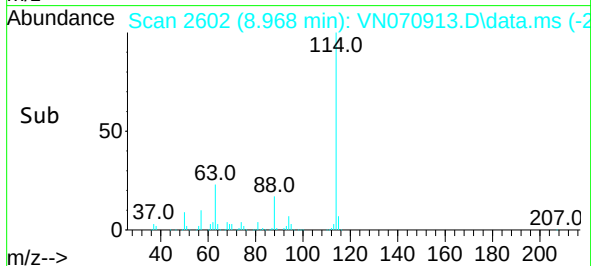
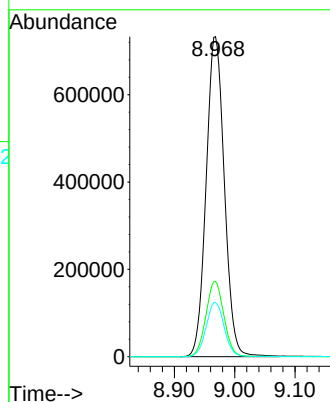
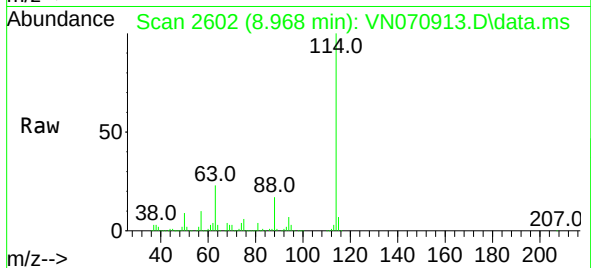
Tgt Ion:114 Resp: 1538459

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.850 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

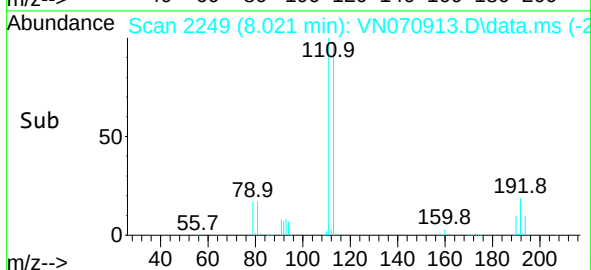
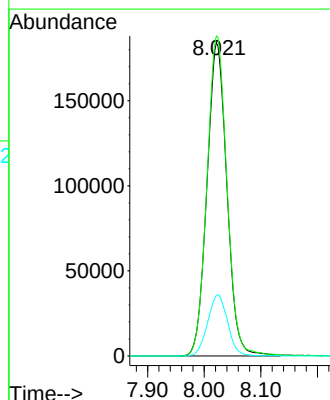
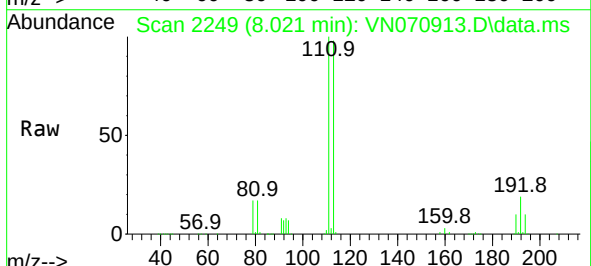
Tgt Ion:113 Resp: 450217

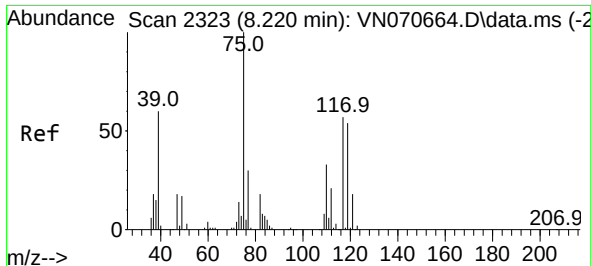
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 19.6 16.9 25.3

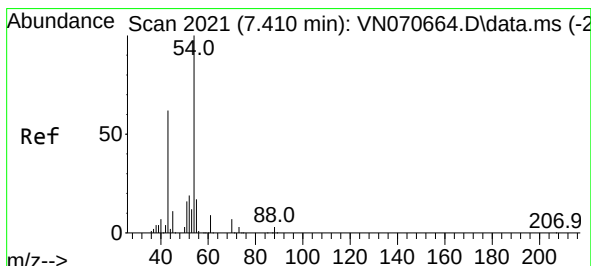
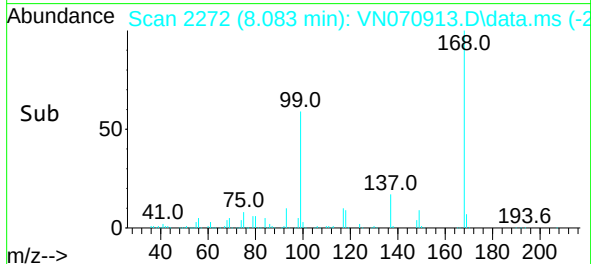
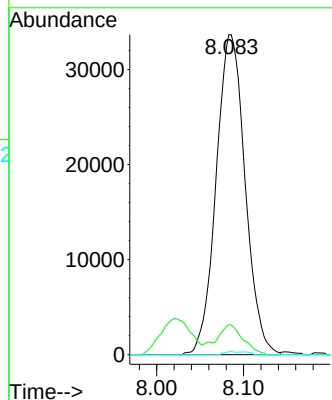
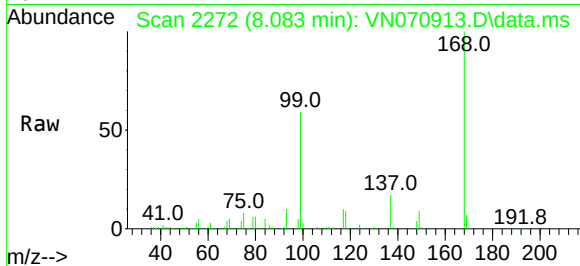




#36
 1,1-Dichloropropene
 Concen: 5.210 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070913.D
 Acq: 3 Feb 2022 00:57

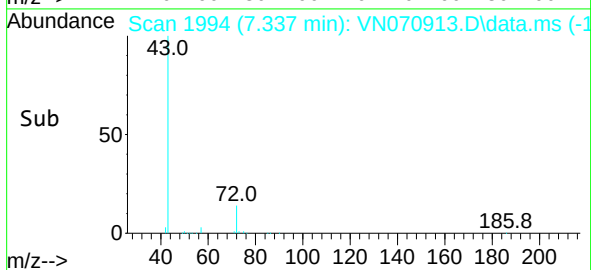
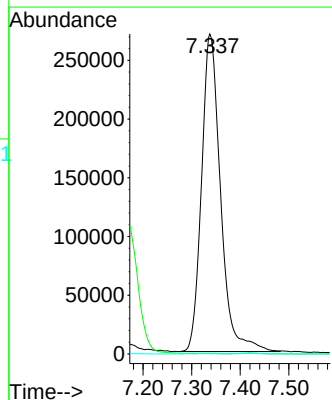
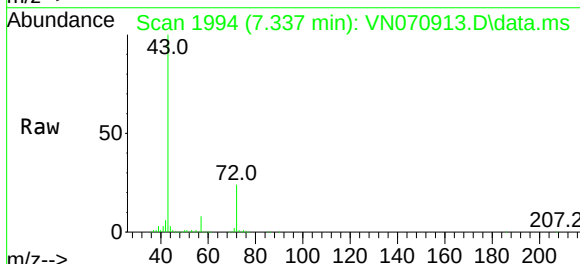
Instrument :
 MSVOA_N
 ClientSampleId :
 31524DL

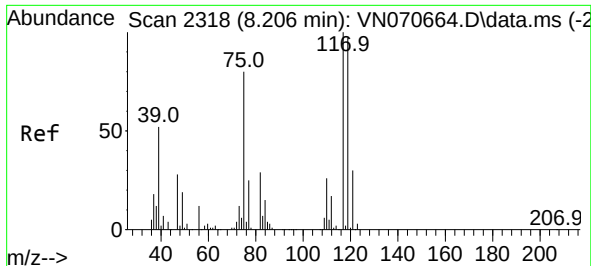
Tgt Ion: 75 Resp: 78009
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 35.633 ug/l
 RT: 7.337 min Scan# 1994
 Delta R.T. -0.076 min
 Lab File: VN070913.D
 Acq: 3 Feb 2022 00:57

Tgt Ion: 43 Resp: 735295
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#

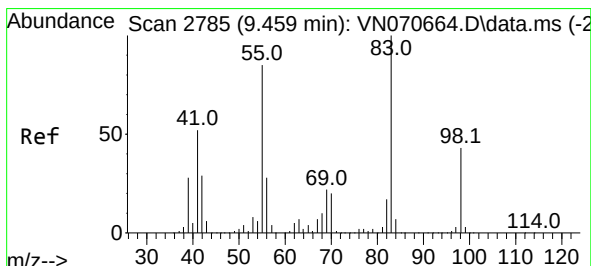
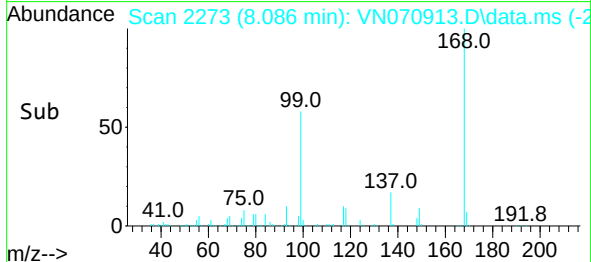
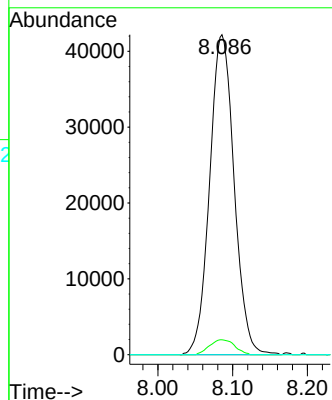
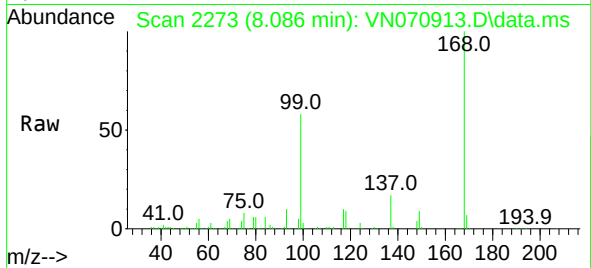




#38
Carbon Tetrachloride
Concen: 7.025 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

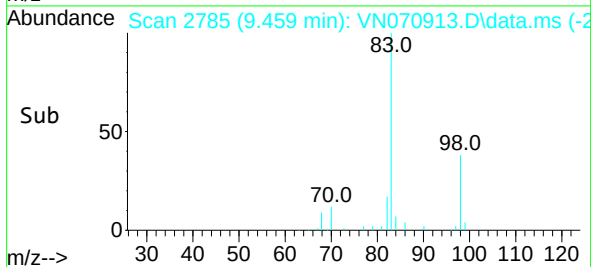
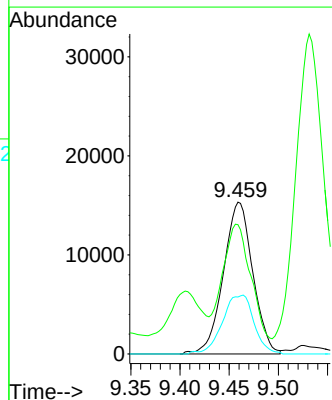
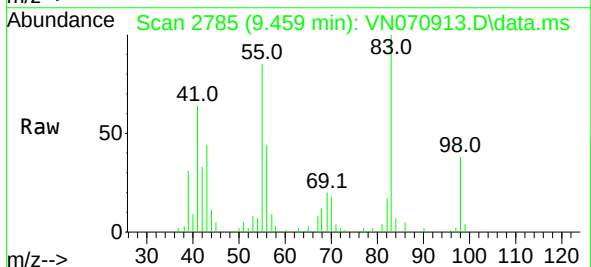
Instrument :
MSVOA_N
ClientSampleId :
31524DL

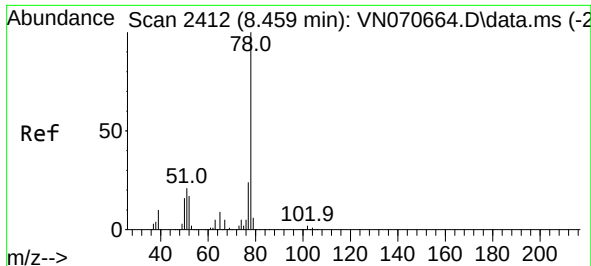
Tgt Ion:117 Resp: 96050
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.734 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 83 Resp: 31909
Ion Ratio Lower Upper
83 100
55 65.2 58.1 87.1
98 37.5 38.4 57.6#

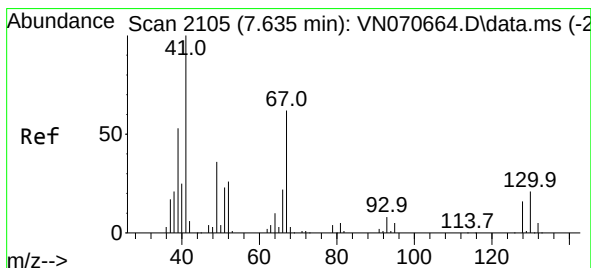
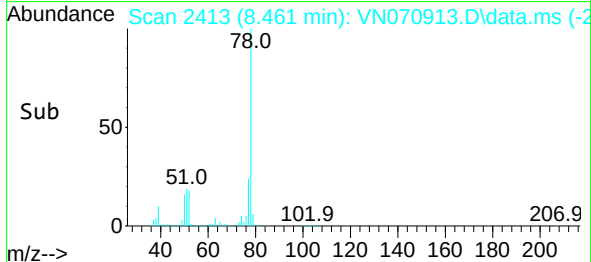
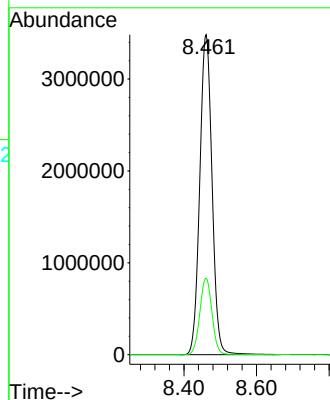
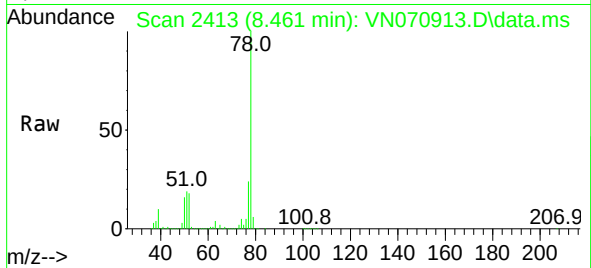




#40
Benzene
Concen: 173.956 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

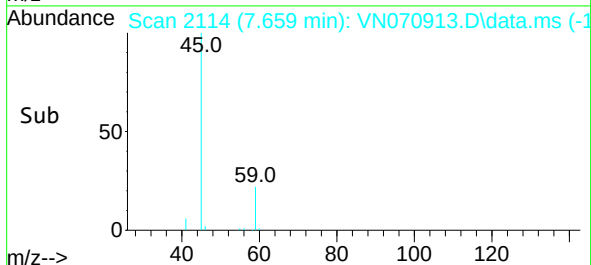
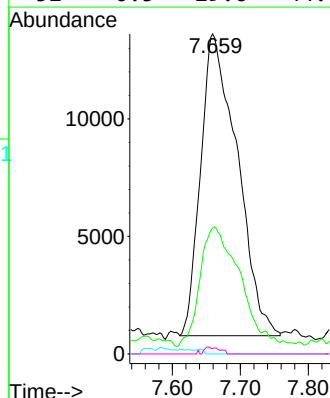
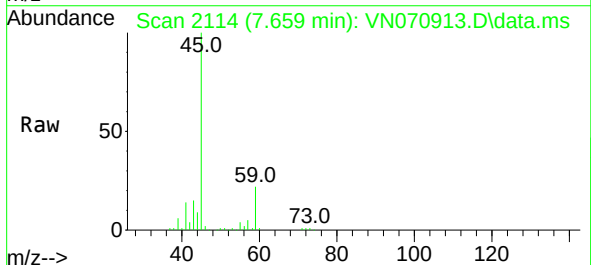
Instrument :
MSVOA_N
ClientSampleId :
31524DL

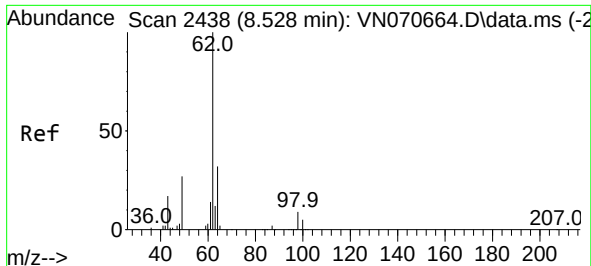
Tgt Ion: 78 Resp: 8182638
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8



#41
Methacrylonitrile
Concen: 4.622 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.024 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 41 Resp: 47921
Ion Ratio Lower Upper
41 100
39 41.5 48.1 72.1#
67 0.0 68.3 102.5#
52 0.5 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 4.422 ug/l

RT: 8.461 min Scan# 24

Delta R.T. -0.067 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Instrument :

MSVOA_N

ClientSampleId :

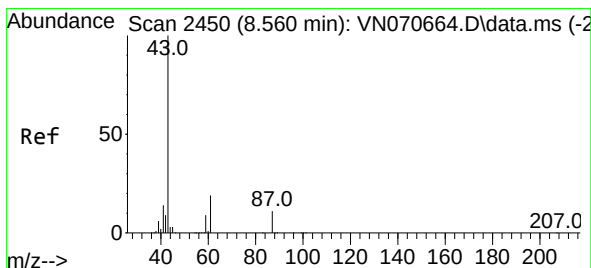
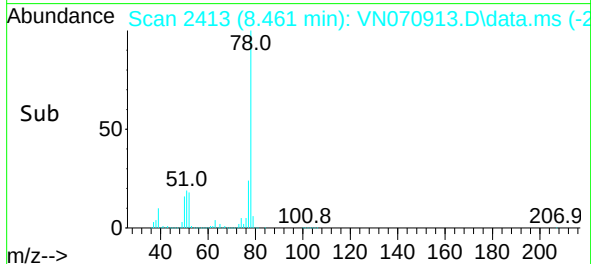
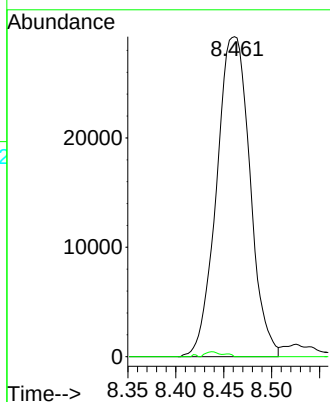
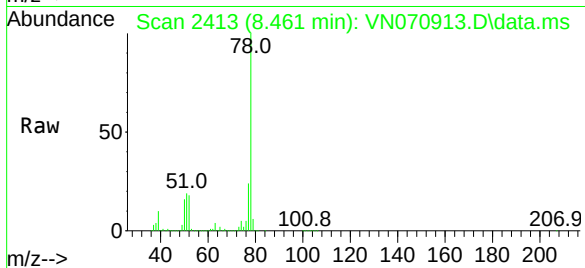
31524DL

Tgt Ion: 62 Resp: 70806

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 1.990 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

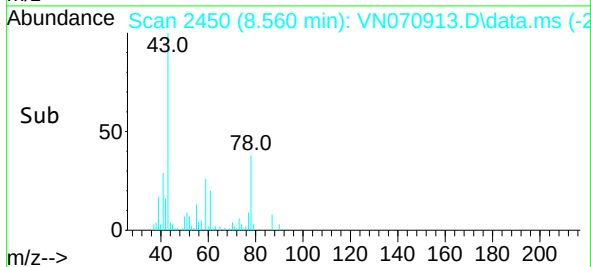
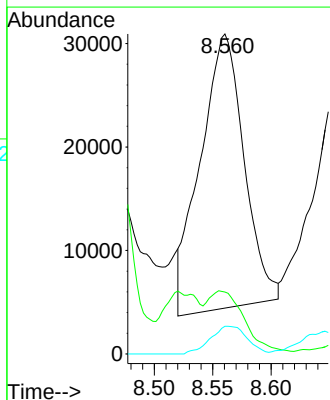
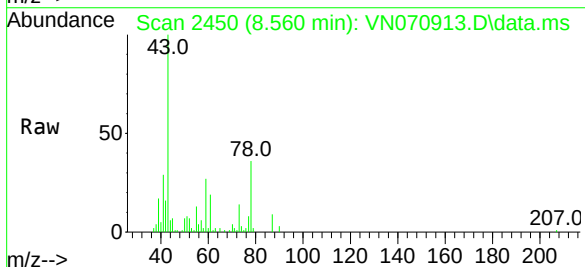
Tgt Ion: 43 Resp: 69027

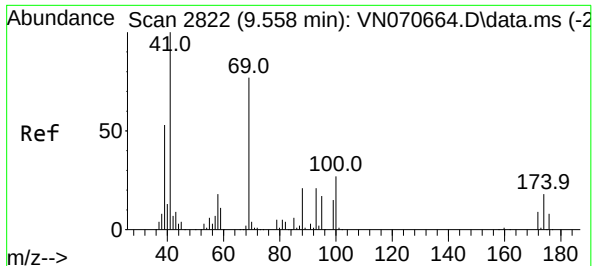
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 8.5 11.2 16.8#

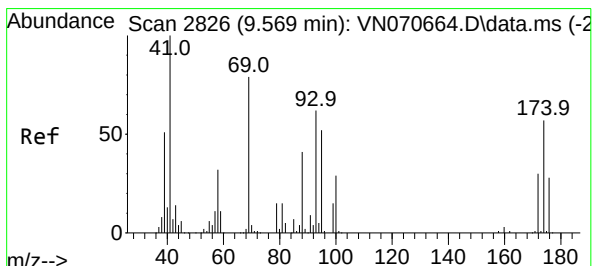
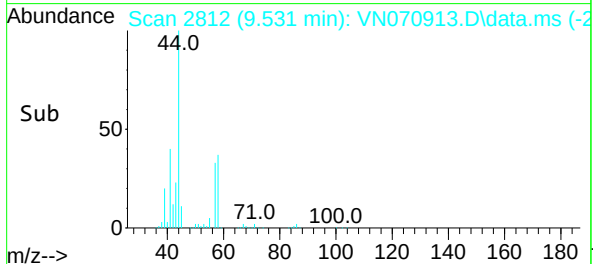
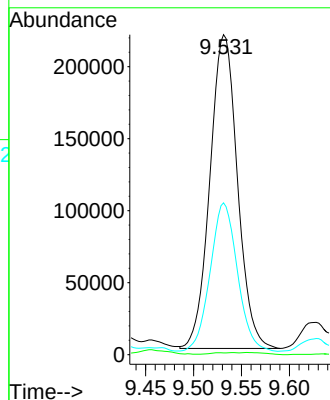
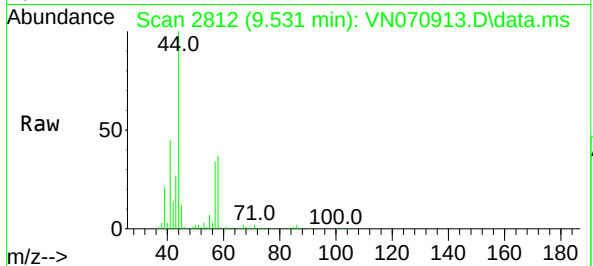




#48
Methyl methacrylate
Concen: 29.149 ug/l
RT: 9.531 min Scan# 21
Delta R.T. -0.027 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

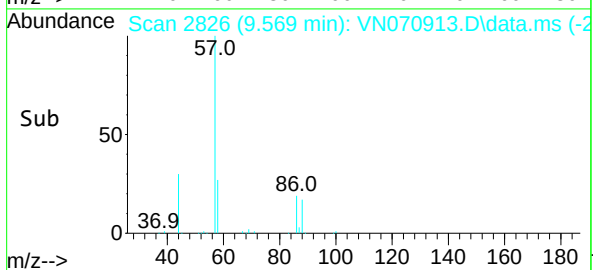
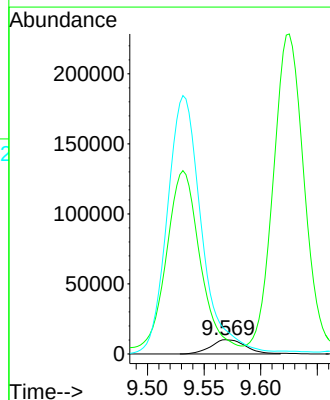
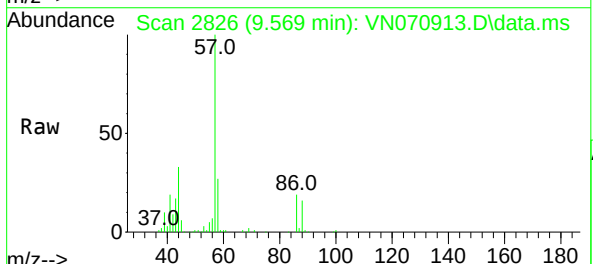
Instrument :
MSVOA_N
ClientSampleId :
31524DL

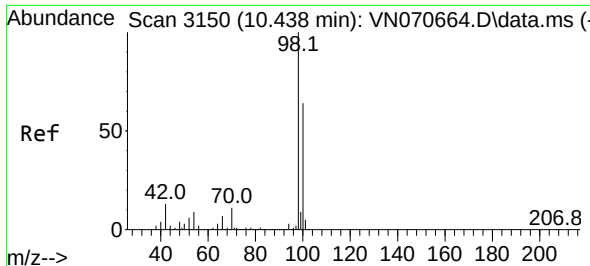
Tgt Ion: 41 Resp: 435964
Ion Ratio Lower Upper
41 100
69 0.2 72.4 108.6#
39 46.7 58.4 87.6#



#49
1,4-Dioxane
Concen: 86.658 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 88 Resp: 21712
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

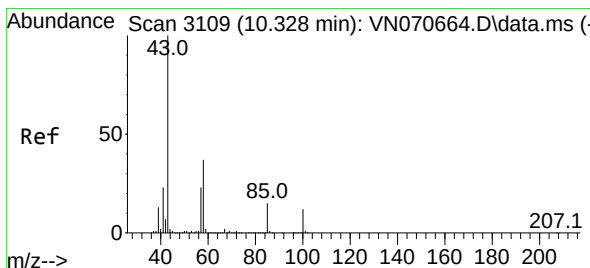
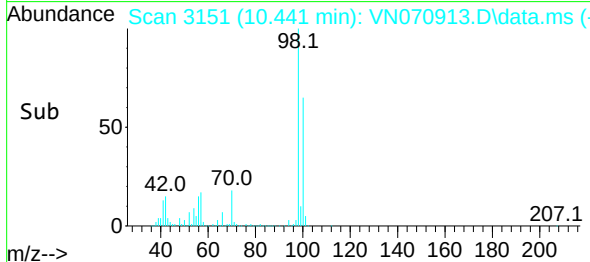
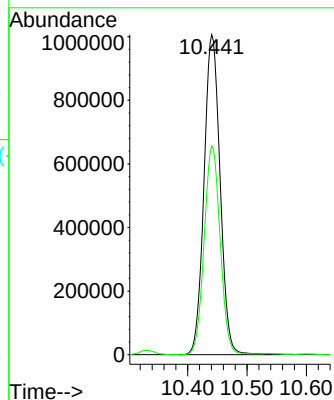
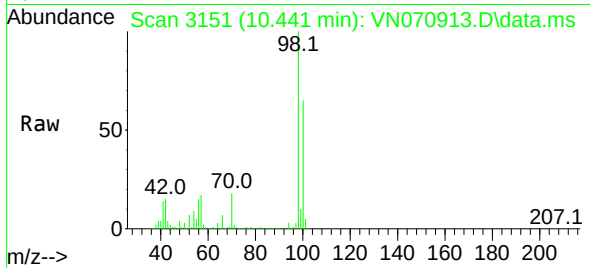




#50
Toluene-d8
Concen: 49.953 ug/l
RT: 10.441 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

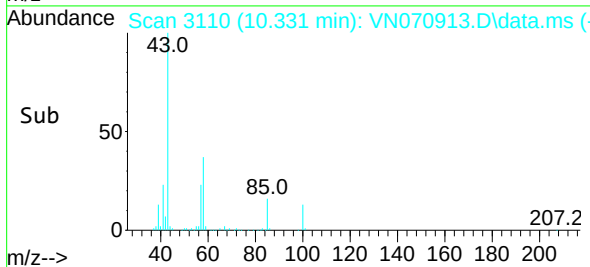
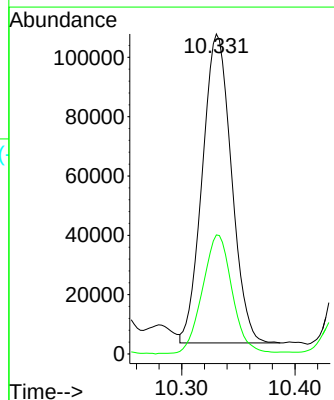
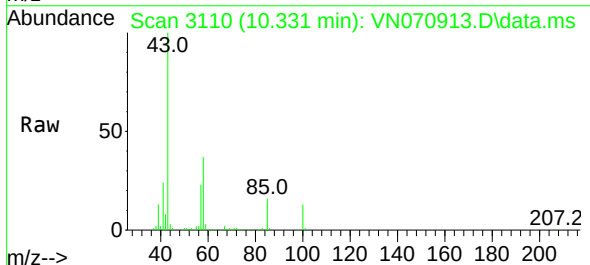
Instrument :
MSVOA_N
ClientSampleId :
31524DL

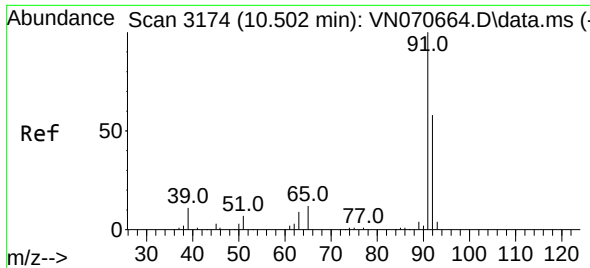
Tgt Ion: 98 Resp: 1890280
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 9.100 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 43 Resp: 185804
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6

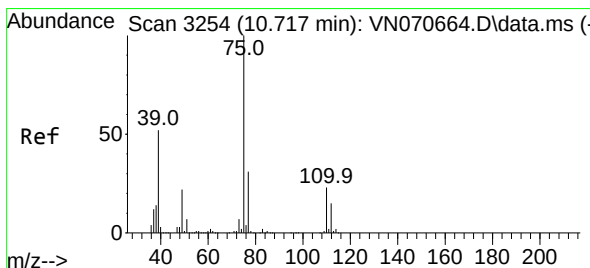
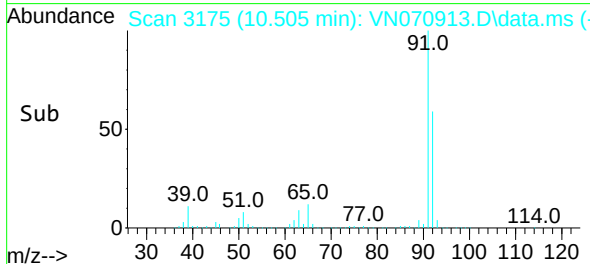
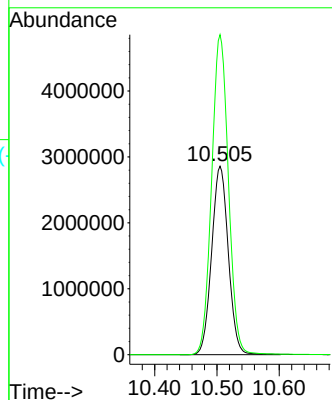
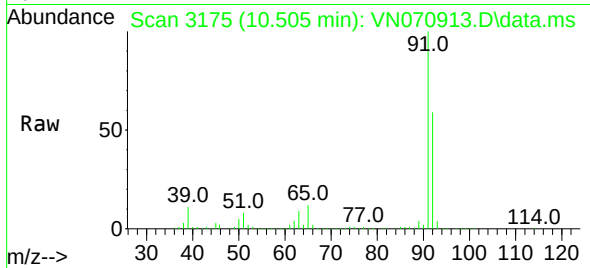




#52
Toluene
Concen: 182.153 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

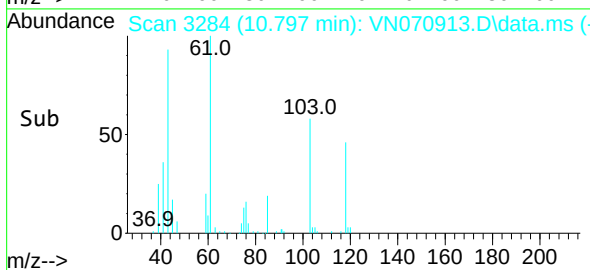
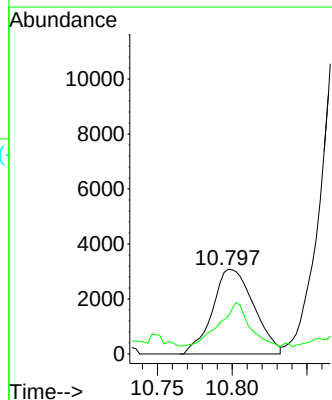
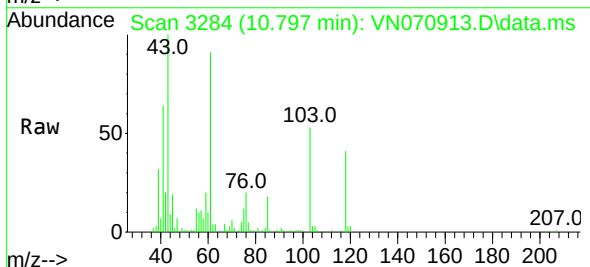
Instrument :
MSVOA_N
ClientSampleId :
31524DL

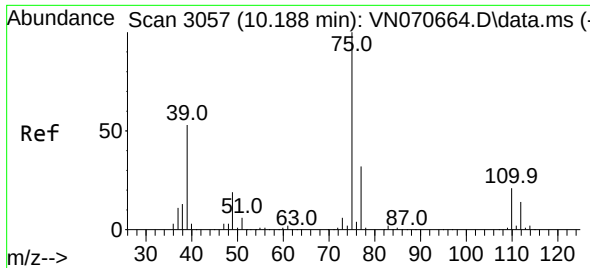
Tgt Ion: 92 Resp: 5308864
Ion Ratio Lower Upper
92 100
91 171.6 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 0.346 ug/l
RT: 10.797 min Scan# 3284
Delta R.T. 0.080 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 75 Resp: 5943
Ion Ratio Lower Upper
75 100
77 35.5 25.6 38.4

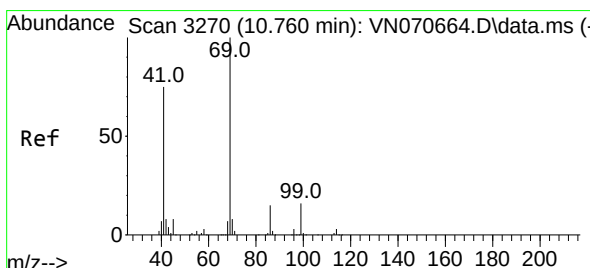
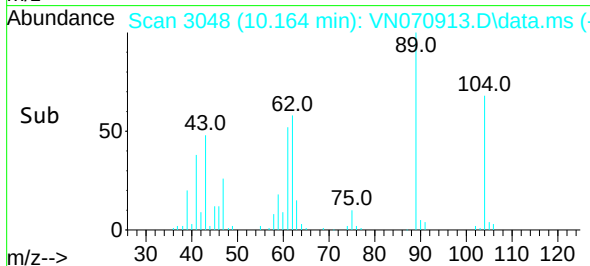
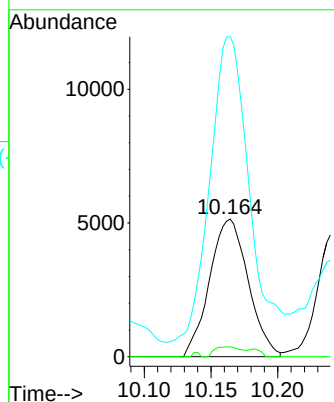
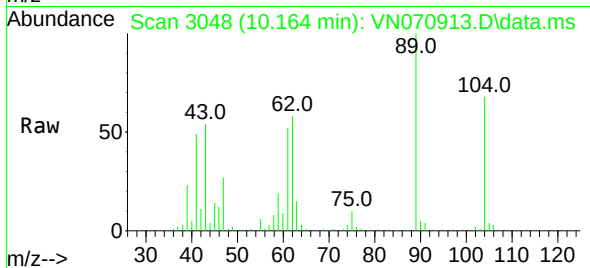




#54
 cis-1,3-Dichloropropene
 Concen: 0.555 ug/l
 RT: 10.164 min Scan# 3057
 Delta R.T. -0.024 min
 Lab File: VN070913.D
 Acq: 3 Feb 2022 00:57

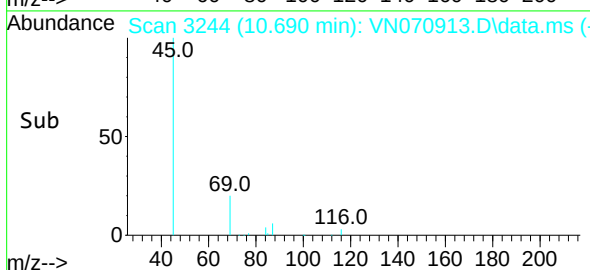
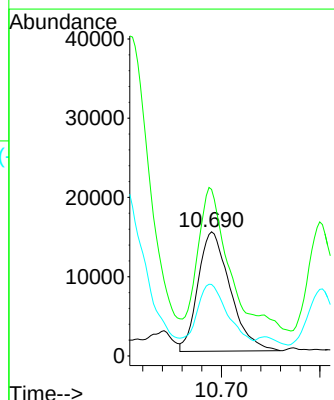
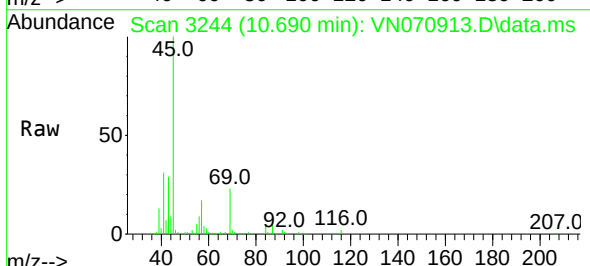
Instrument :
 MSVOA_N
 ClientSampleId :
 31524DL

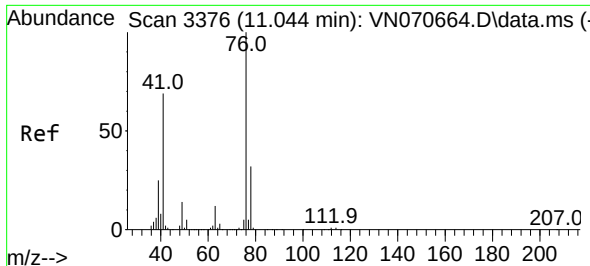
Tgt Ion: 75 Resp: 10351
 Ion Ratio Lower Upper
 75 100
 77 7.3 26.4 39.6#
 39 217.5 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 1.776 ug/l
 RT: 10.690 min Scan# 3244
 Delta R.T. -0.070 min
 Lab File: VN070913.D
 Acq: 3 Feb 2022 00:57

Tgt Ion: 69 Resp: 34236
 Ion Ratio Lower Upper
 69 100
 41 88.0 51.4 77.0#
 39 0.0 34.6 52.0#





#57

1,3-Dichloropropane

Concen: 0.281 ug/l

RT: 11.087 min Scan# 31

Delta R.T. 0.043 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Instrument :

MSVOA_N

ClientSampleId :

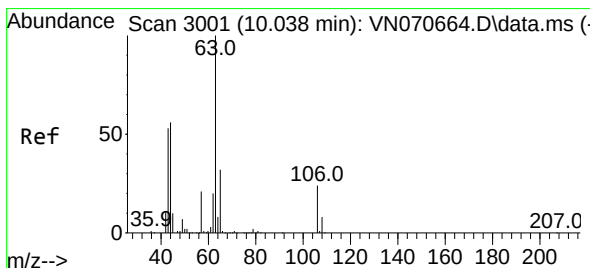
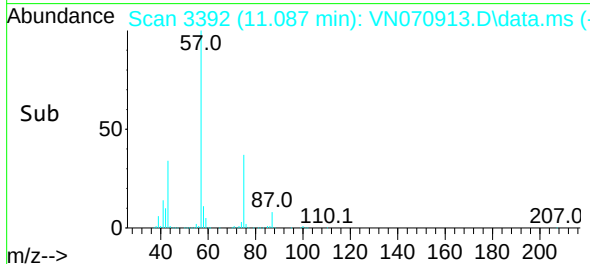
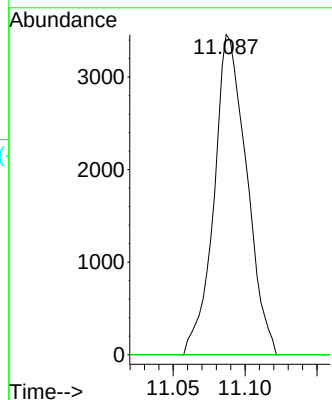
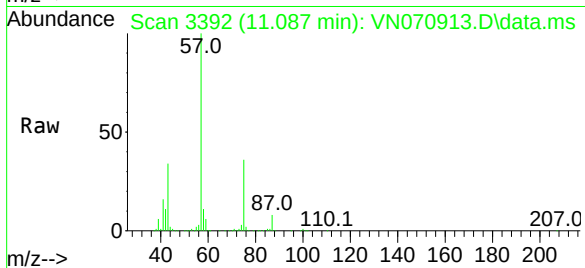
31524DL

Tgt Ion: 76 Resp: 5450

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 22.154 ug/l

RT: 10.164 min Scan# 3048

Delta R.T. 0.123 min

Lab File: VN070913.D

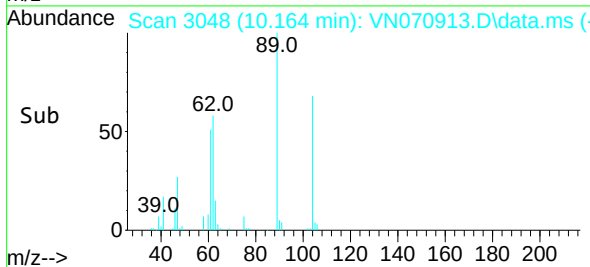
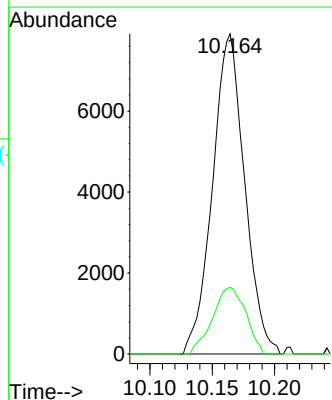
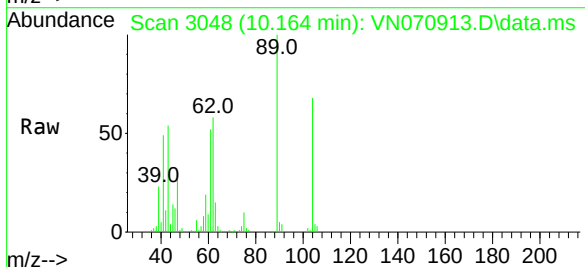
Acq: 3 Feb 2022 00:57

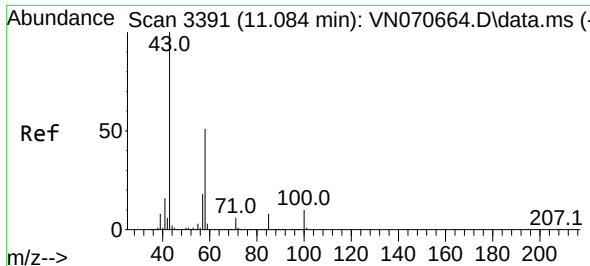
Tgt Ion: 63 Resp: 14186

Ion Ratio Lower Upper

63 100

106 21.5 23.9 35.9#

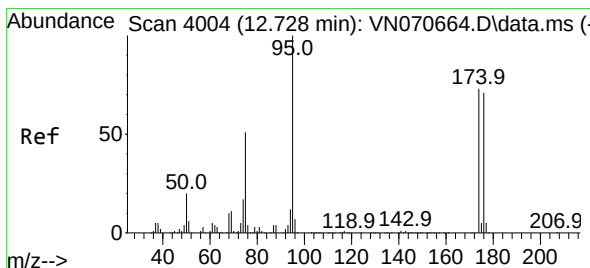
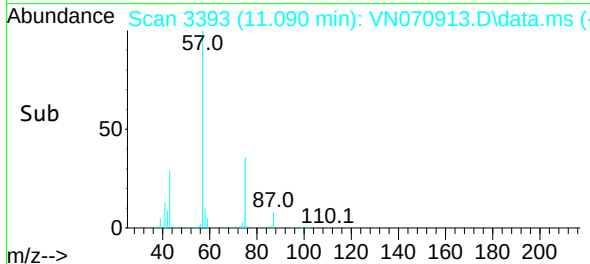
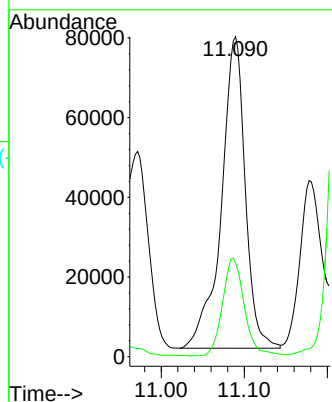
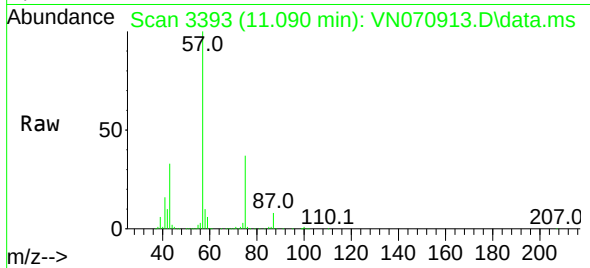




#59
2-Hexanone
Concen: 10.507 ug/l
RT: 11.090 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

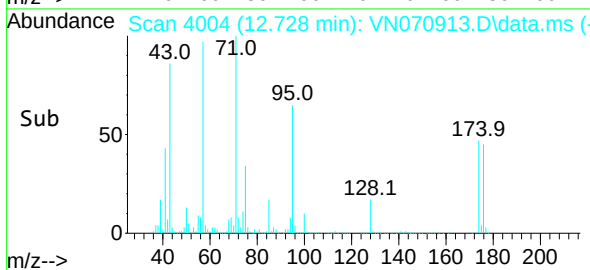
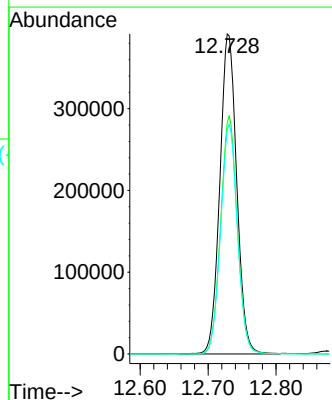
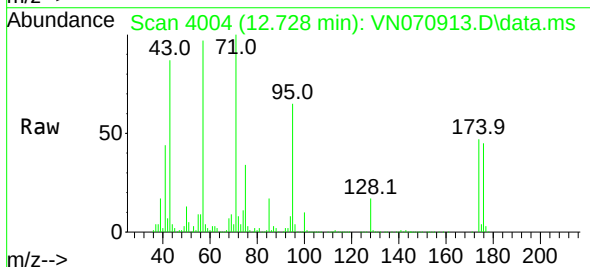
Instrument :
MSVOA_N
ClientSampleId :
31524DL

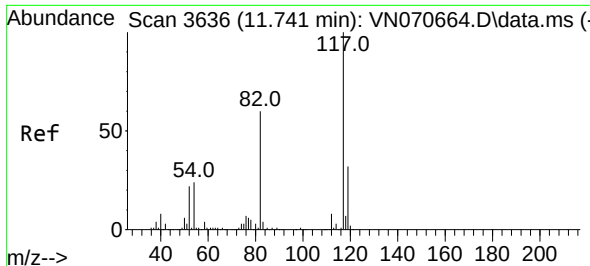
Tgt Ion: 43 Resp: 156628
Ion Ratio Lower Upper
43 100
58 28.7 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 49.549 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 95 Resp: 675587
Ion Ratio Lower Upper
95 100
174 73.5 0.0 187.2
176 71.0 0.0 181.4

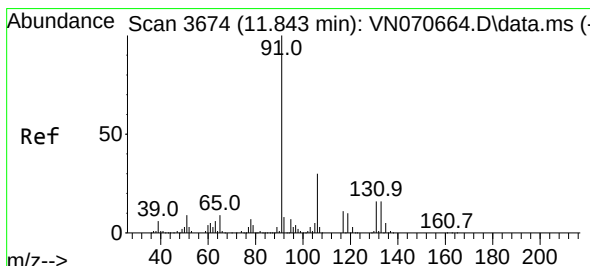
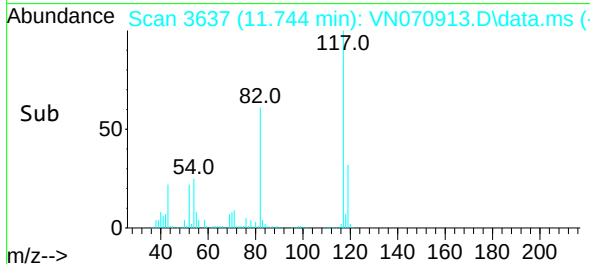
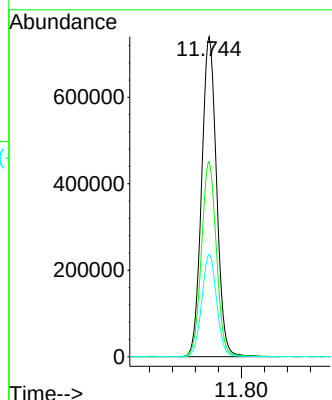
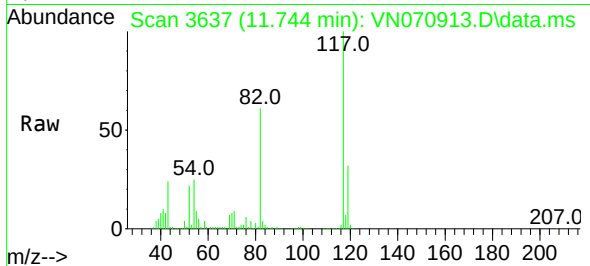




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

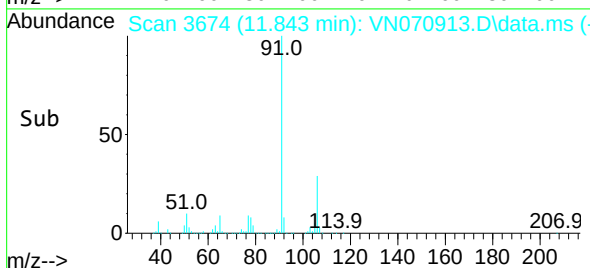
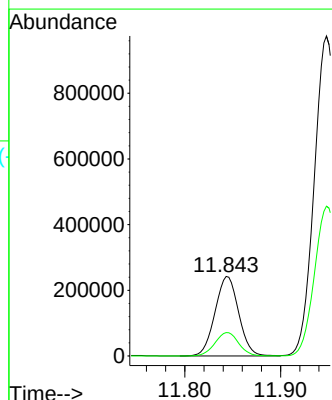
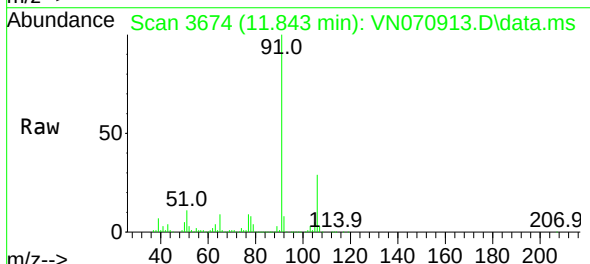
Instrument :
MSVOA_N
ClientSampleId :
31524DL

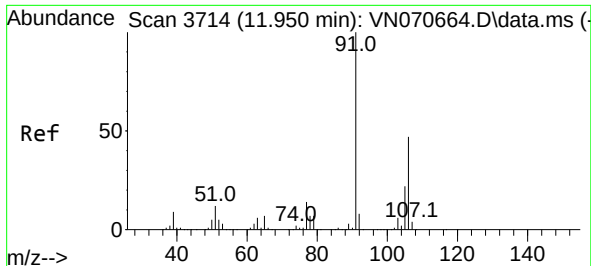
Tgt Ion:117 Resp: 1334713
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 8.135 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 91 Resp: 414266
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

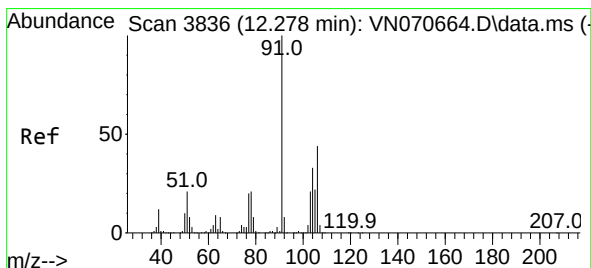
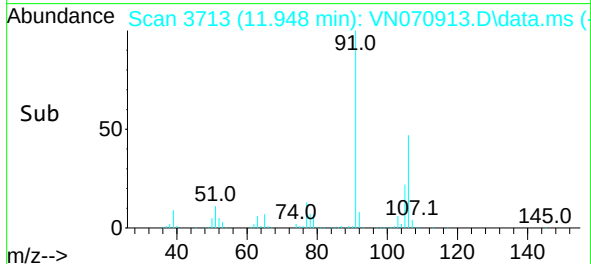
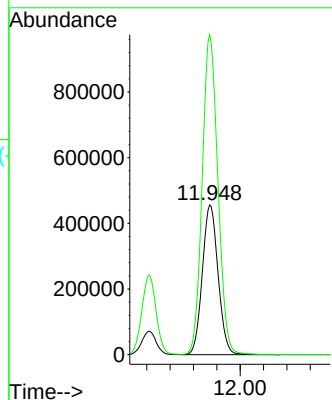
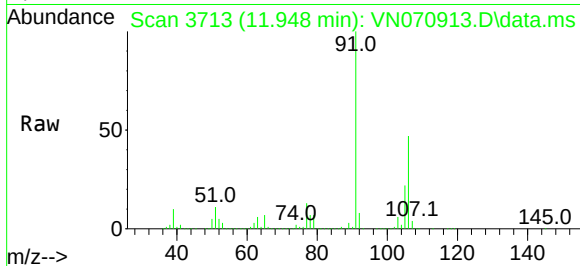




#68
m/p-Xylenes
Concen: 45.114 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

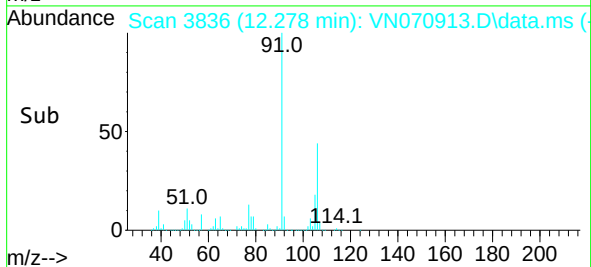
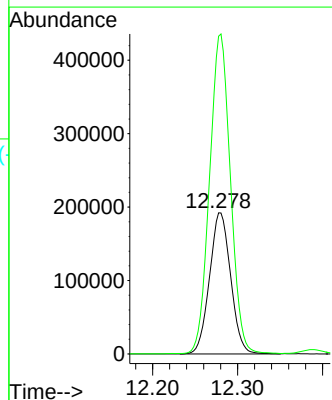
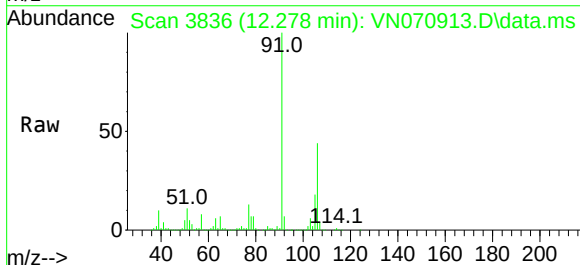
Instrument :
MSVOA_N
ClientSampleId :
31524DL

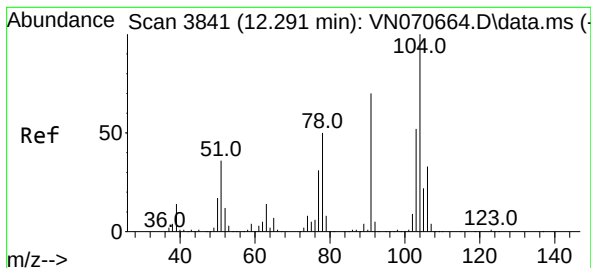
Tgt Ion:106 Resp: 851215
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8



#69
o-Xylene
Concen: 17.572 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion:106 Resp: 331829
Ion Ratio Lower Upper
106 100
91 223.5 105.8 317.3





#70

Styrene

Concen: 0.631 ug/l

RT: 12.275 min Scan# 31

Delta R.T. -0.019 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Instrument :

MSVOA_N

ClientSampleId :

31524DL

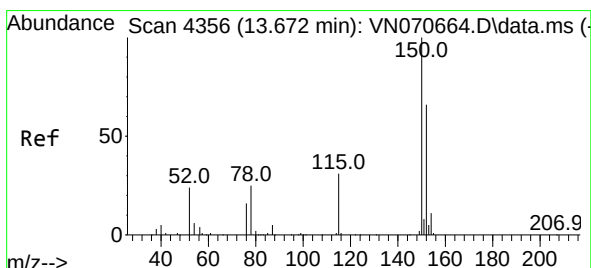
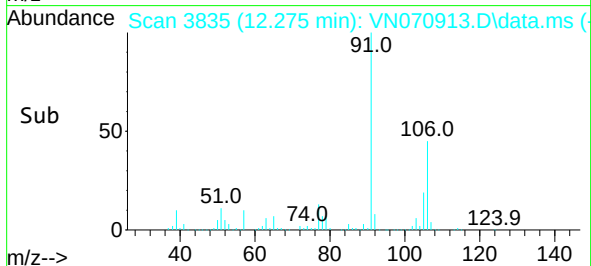
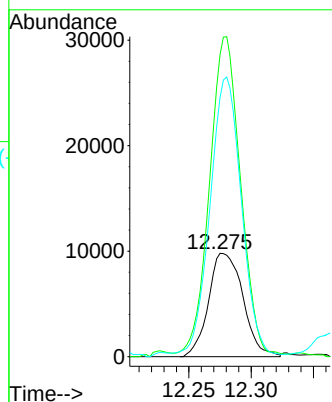
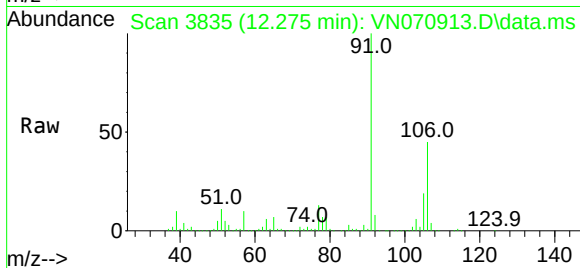
Tgt Ion:104 Resp: 18794

Ion Ratio Lower Upper

104 100

78 273.7 38.7 58.1#

103 243.1 45.0 67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

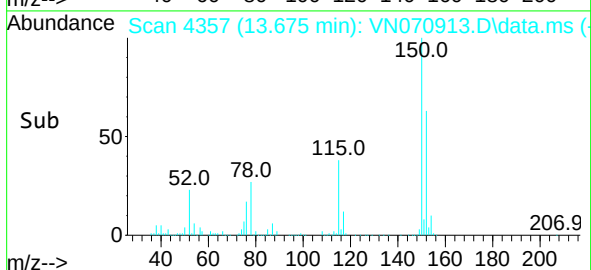
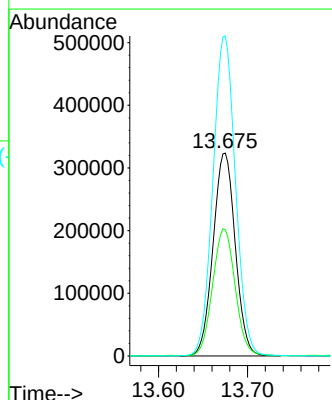
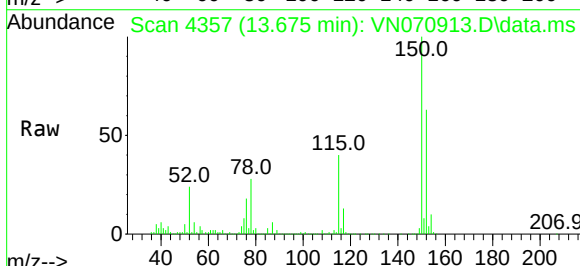
Tgt Ion:152 Resp: 560907

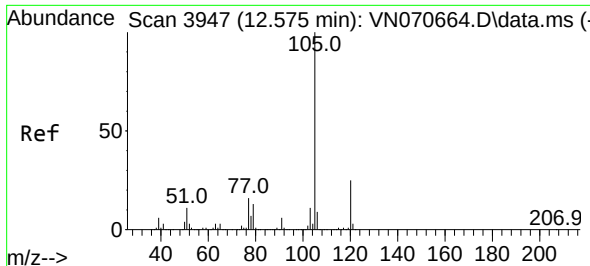
Ion Ratio Lower Upper

152 100

115 63.6 27.5 82.5

150 160.5 0.0 344.4

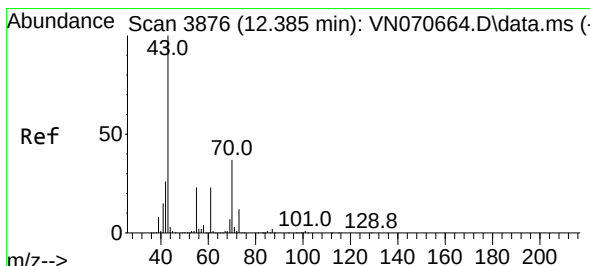
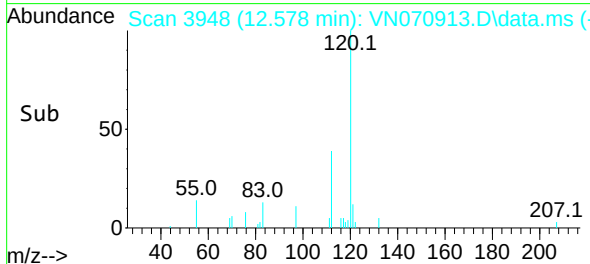
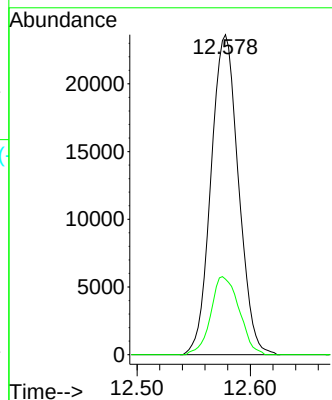
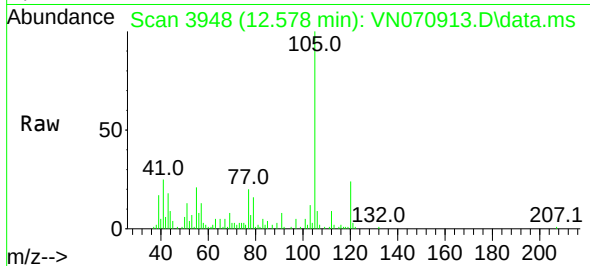




#73
Isopropylbenzene
Concen: 0.812 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

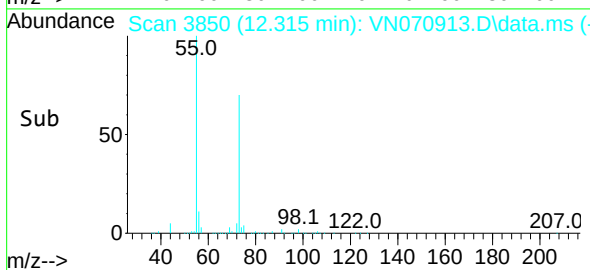
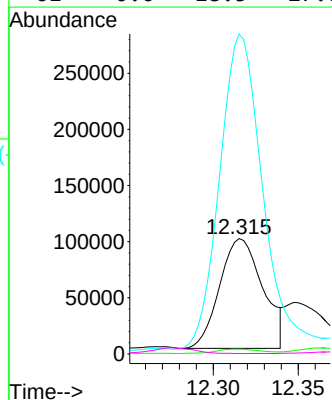
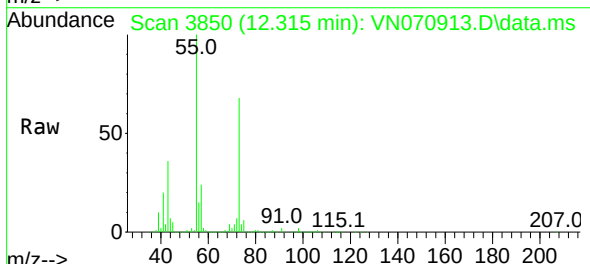
Instrument :
MSVOA_N
ClientSampleId :
31524DL

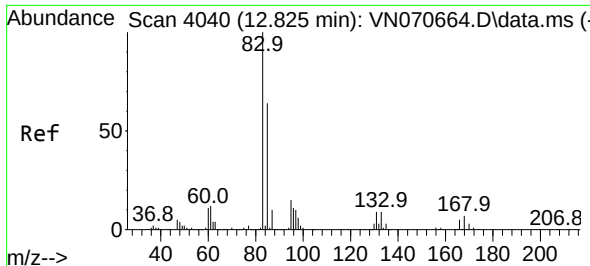
Tgt Ion:105 Resp: 39737
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1



#74
N-ethyl acetate
Concen: 7.928 ug/l
RT: 12.315 min Scan# 3850
Delta R.T. -0.073 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 43 Resp: 173769
Ion Ratio Lower Upper
43 100
70 4.0 33.4 50.0#
55 286.1 19.3 28.9#
61 0.0 18.5 27.7#

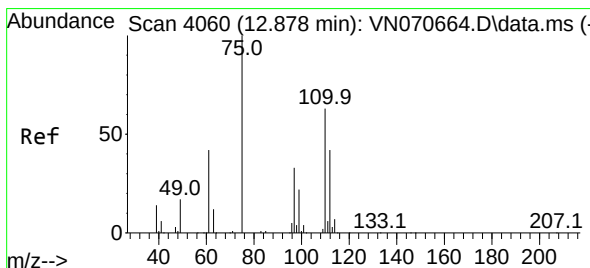
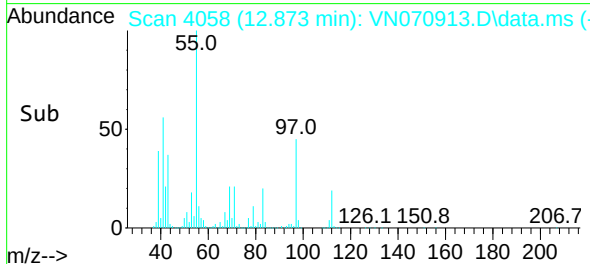
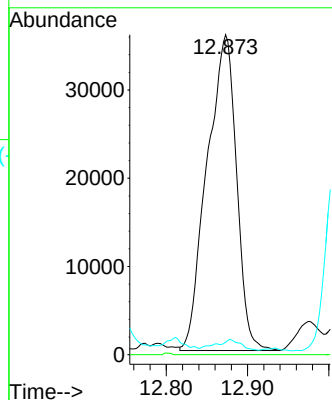
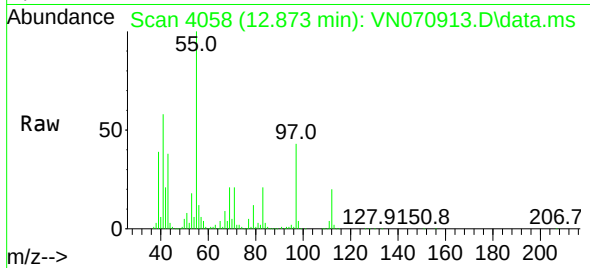




#75
1,1,2,2-Tetrachloroethane
Concen: 5.312 ug/l
RT: 12.873 min Scan# 4058
Delta R.T. 0.048 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

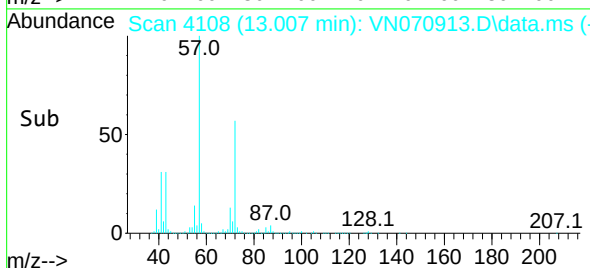
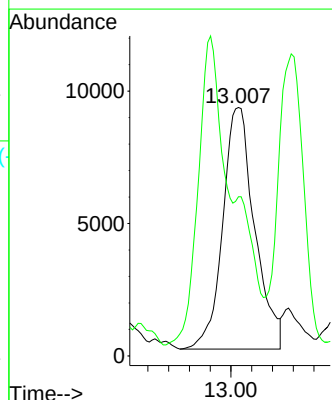
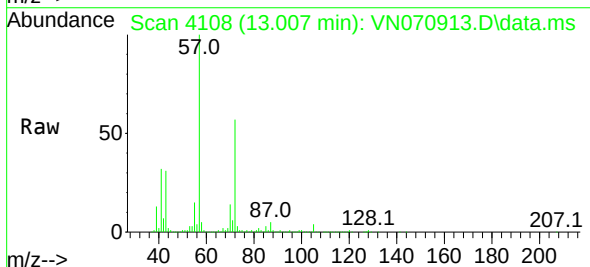
Instrument :
MSVOA_N
ClientSampleId :
31524DL

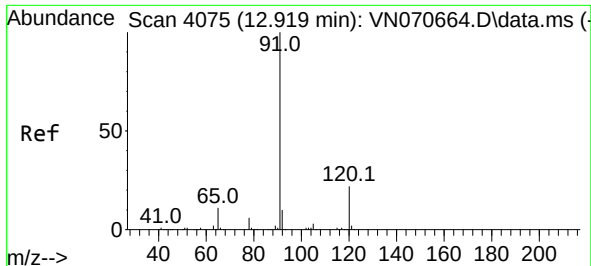
Tgt Ion: 83 Resp: 90051
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 1.445 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.129 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 75 Resp: 19506
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#

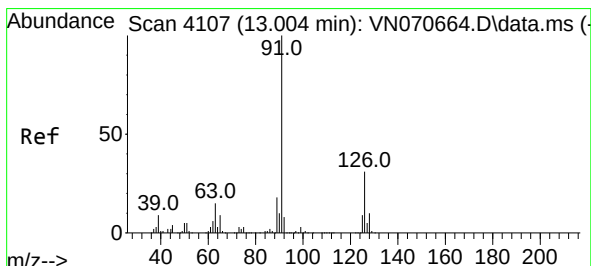
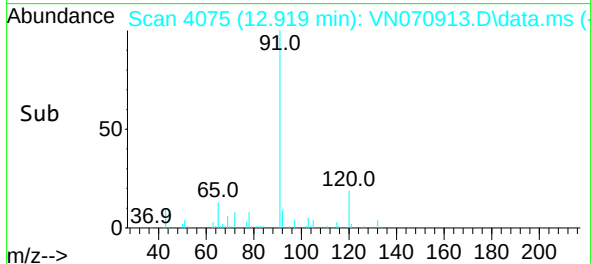
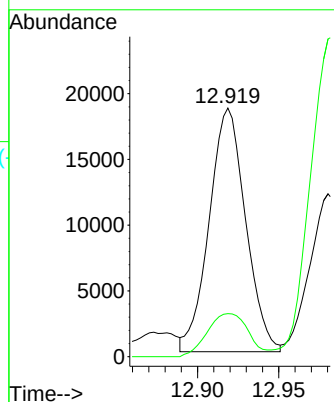
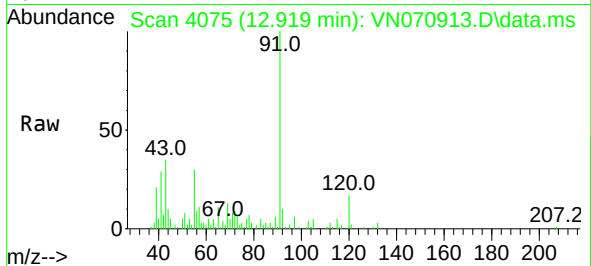




#78
n-propylbenzene
Concen: 0.518 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

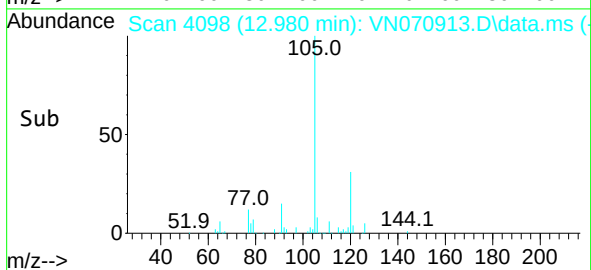
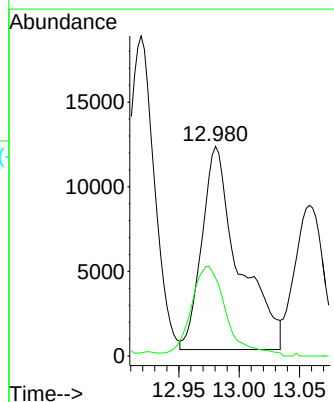
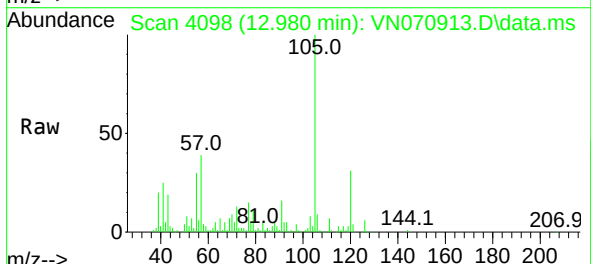
Instrument :
MSVOA_N
ClientSampleId :
31524DL

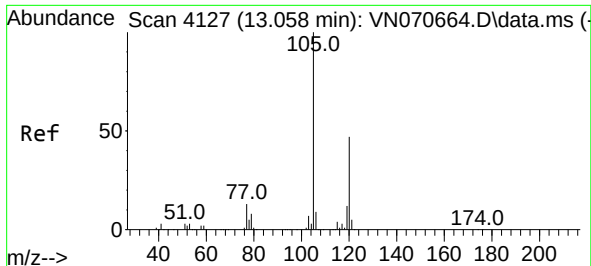
Tgt Ion: 91 Resp: 28891
Ion Ratio Lower Upper
91 100
120 20.1 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.740 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.027 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion: 91 Resp: 25669
Ion Ratio Lower Upper
91 100
126 41.9 18.3 54.8

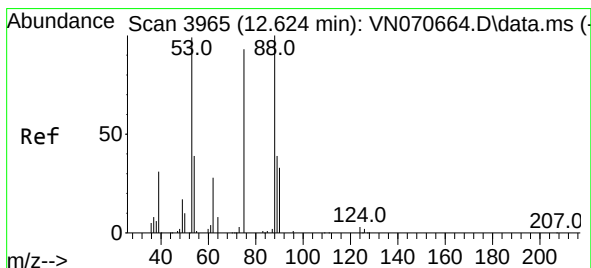
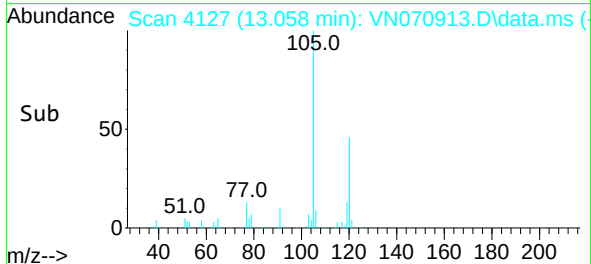
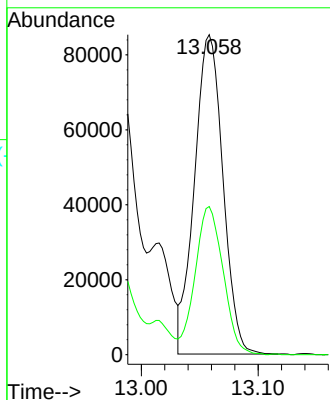
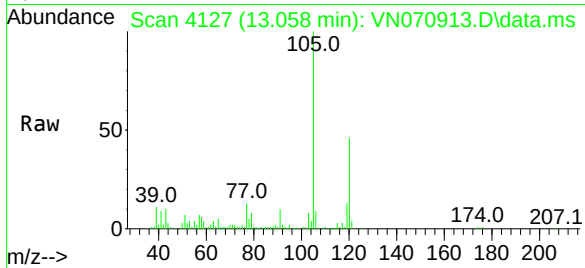




#80
 1,3,5-Trimethylbenzene
 Concen: 3.631 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. 0.000 min
 Lab File: VN070913.D
 Acq: 3 Feb 2022 00:57

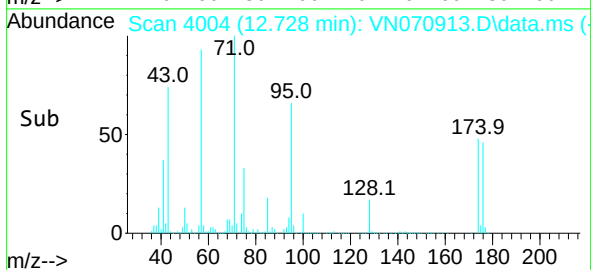
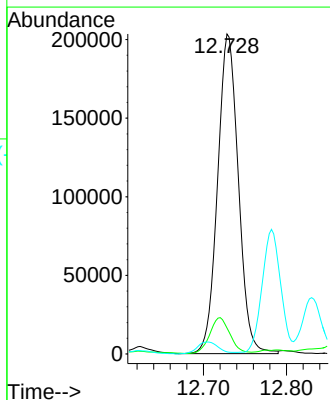
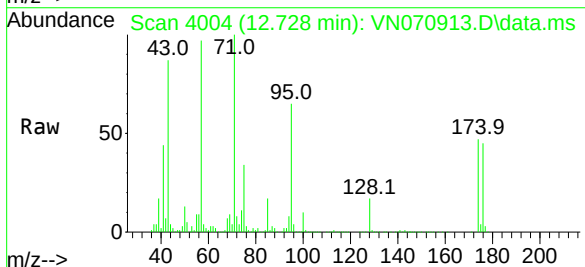
Instrument :
 MSVOA_N
 ClientSampleId :
 31524DL

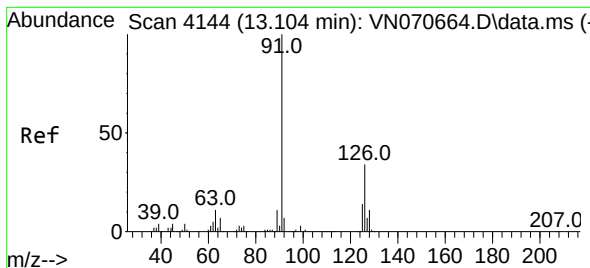
Tgt Ion:105 Resp: 144043
 Ion Ratio Lower Upper
 105 100
 120 45.9 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.149 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. 0.104 min
 Lab File: VN070913.D
 Acq: 3 Feb 2022 00:57

Tgt Ion: 75 Resp: 354372
 Ion Ratio Lower Upper
 75 100
 53 10.9 90.5 135.7#
 89 0.0 38.2 57.4#





#82

4-Chlorotoluene

Concen: 0.767 ug/l

RT: 12.980 min Scan# 4098

Delta R.T. -0.124 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Instrument :

MSVOA_N

ClientSampleId :

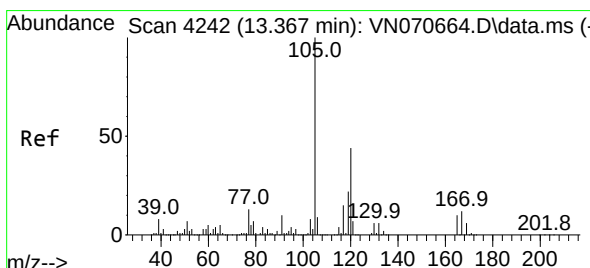
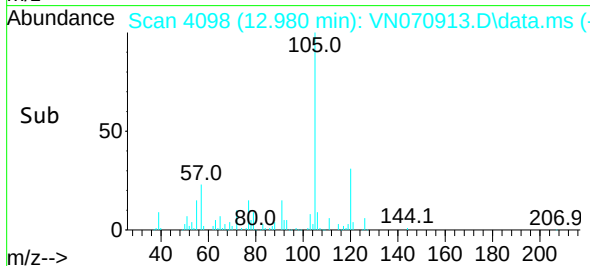
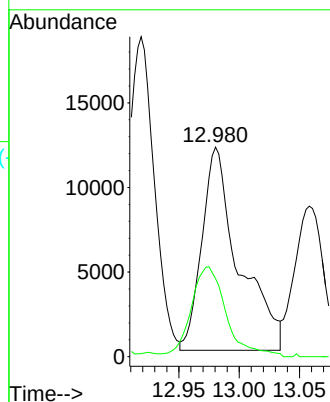
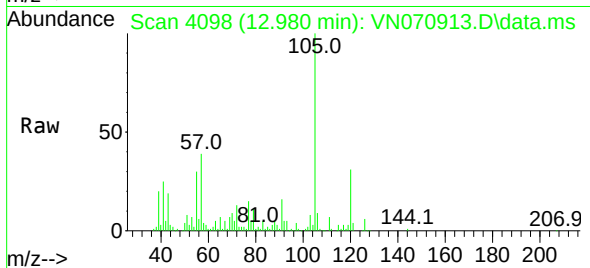
31524DL

Tgt Ion: 91 Resp: 25669

Ion Ratio Lower Upper

91 100

126 41.9 18.2 54.6



#84

1,2,4-Trimethylbenzene

Concen: 6.642 ug/l

RT: 13.367 min Scan# 4242

Delta R.T. -0.000 min

Lab File: VN070913.D

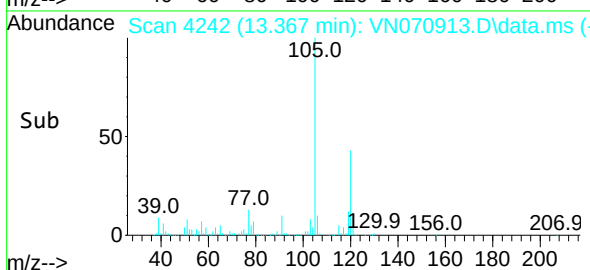
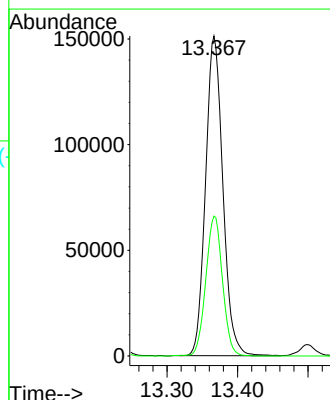
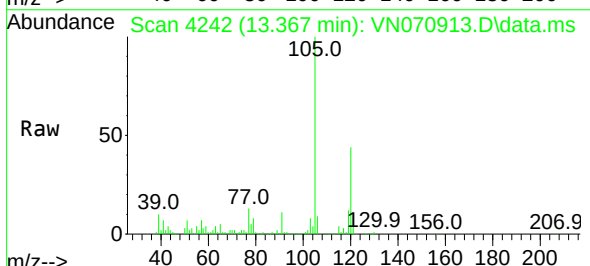
Acq: 3 Feb 2022 00:57

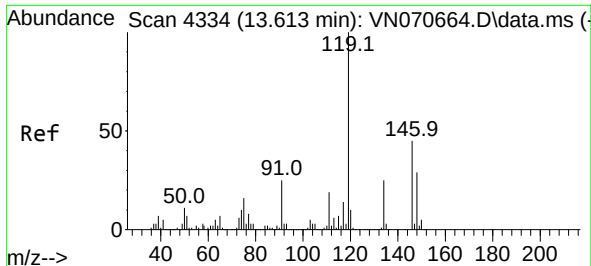
Tgt Ion: 105 Resp: 257670

Ion Ratio Lower Upper

105 100

120 42.2 22.8 68.4

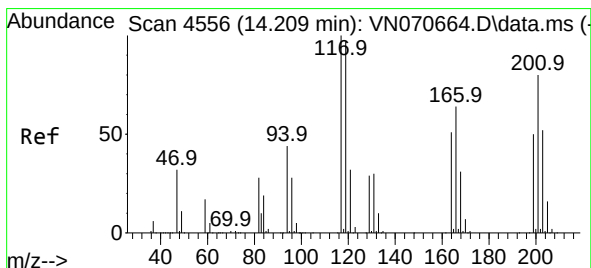
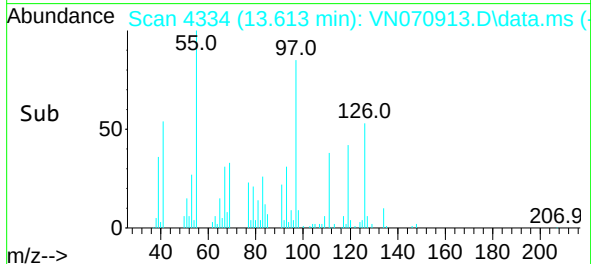
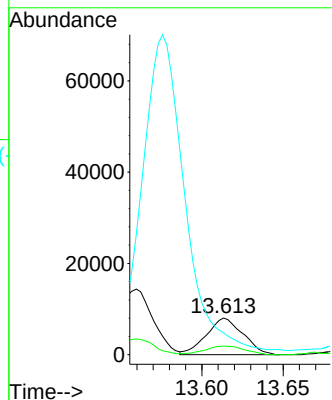
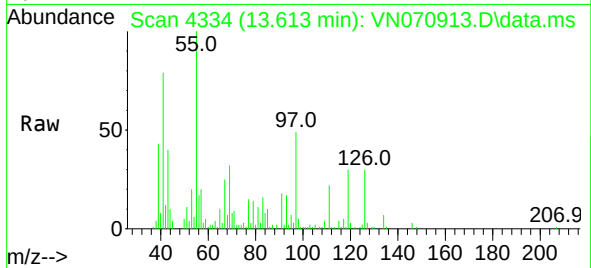




#86
p-Isopropyltoluene
Concen: 0.330 ug/l
RT: 13.613 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

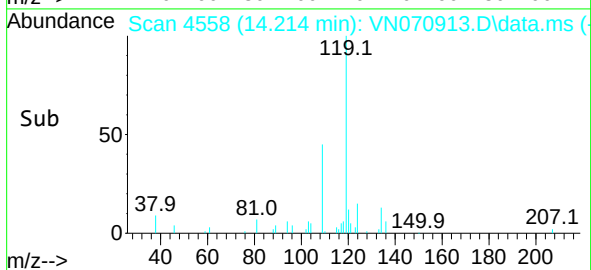
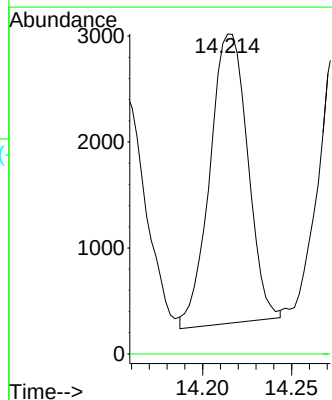
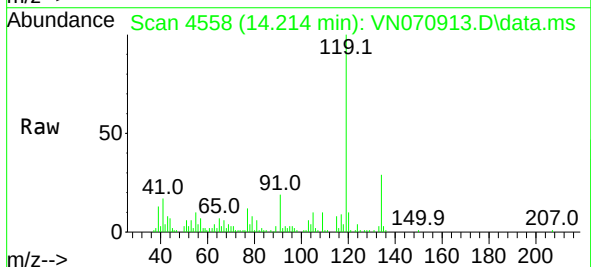
Instrument :
MSVOA_N
ClientSampleId :
31524DL

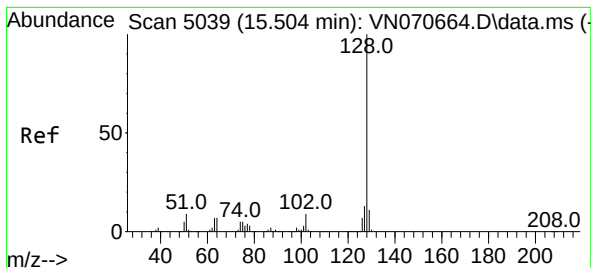
Tgt Ion:119 Resp: 12579
Ion Ratio Lower Upper
119 100
134 25.6 13.6 40.7
91 0.0 11.4 34.1#



#90
Hexachloroethane
Concen: 0.597 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070913.D
Acq: 3 Feb 2022 00:57

Tgt Ion:117 Resp: 4036
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#95

Naphthalene

Concen: 5.600 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. 0.000 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Instrument :

MSVOA_N

ClientSampleId :

31524DL

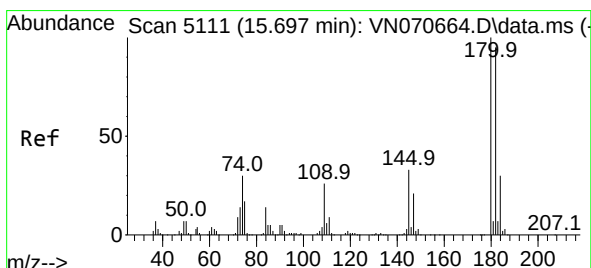
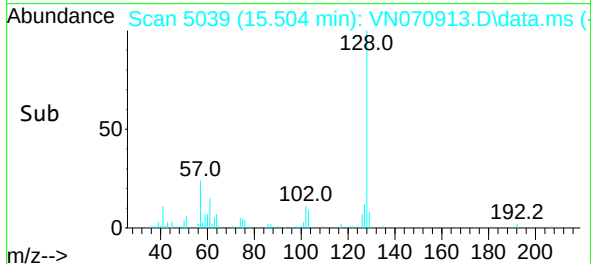
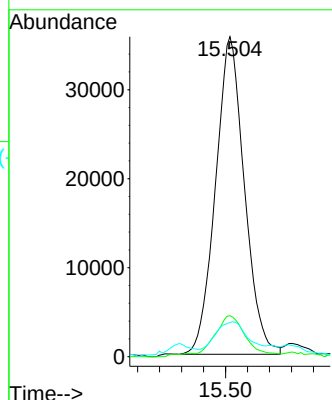
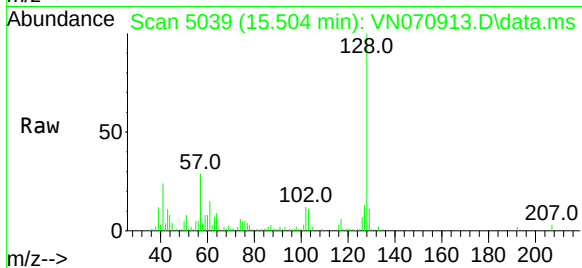
Tgt Ion:128 Resp: 65078

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 8.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.854 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. -0.003 min

Lab File: VN070913.D

Acq: 3 Feb 2022 00:57

Tgt Ion:180 Resp: 1568

Ion Ratio Lower Upper

180 100

182 255.0 47.4 142.2#

145 99.7 15.0 45.1#

