

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070912.D
 Acq On : 3 Feb 2022 00:31
 Operator : JC/MD
 Sample : N1342-01DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31523DL

Quant Time: Feb 03 06:00:44 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	1080371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1689130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1502634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	625862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	669444	45.777	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.560%
35) Dibromofluoromethane	8.024	113	485773	48.007	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.020%
50) Toluene-d8	10.440	98	2063453	49.666	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.731	95	726256	48.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.020%

Target Compounds				Qvalue		
8) Diethyl Ether	3.824	74	29957	3.657	ug/l	87
11) Tert butyl alcohol	5.382	59	209364	68.132	ug/l	100
13) Acrolein	4.039	56	1487	0.440	ug/l #	27
16) Acetone	4.293	43	224151	25.634	ug/l	98
18) Methyl Acetate	4.862	43	35350	1.315	ug/l #	84
19) Methyl tert-butyl Ether	5.621	73	35966	0.865	ug/l #	1
22) Diisopropyl ether	6.495	45	25072	0.522	ug/l #	1
25) 2-Butanone	7.343	43	87784	6.955	ug/l	92
31) Cyclohexane	8.094	56	122298	4.922	ug/l #	85
36) 1,1-Dichloropropene	8.083	75	85937	5.228	ug/l #	49
37) Ethyl Acetate	7.343	43	87784	3.875	ug/l #	68
38) Carbon Tetrachloride	8.086	117	104972	6.992	ug/l #	16
39) Methylcyclohexane	9.459	83	97638	4.832	ug/l	91
40) Benzene	8.461	78	11831062	229.083	ug/l	98
42) 1,2-Dichloroethane	8.461	62	102941	5.855	ug/l	76
43) Isopropyl Acetate	8.560	43	18935	0.497	ug/l #	89
48) Methyl methacrylate	9.531	41	36649	2.232	ug/l #	32
49) 1,4-Dioxane	9.571	88	2738	9.953	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	21396	0.954	ug/l	97
52) Toluene	10.505	92	3805796	118.933	ug/l	96
55) 1,1,2-Trichloroethane	10.872	97	3362	0.277	ug/l #	27
57) 1,3-Dichloropropane	11.089	76	7840	0.369	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.156	63	1384	19.872	ug/l #	45
59) 2-Hexanone	11.089	43	147180	8.992	ug/l #	54
67) Ethyl Benzene	11.843	91	201437	3.514	ug/l	96
68) m/p-Xylenes	11.948	106	389968	18.358	ug/l	93
69) o-Xylene	12.280	106	98005	4.610	ug/l	95
73) Isopropylbenzene	12.578	105	13477	0.247	ug/l	98
74) N-amyl acetate	12.318	43	39426	1.612	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.854	83	6070	0.321	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	373419	24.788	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.058	105	30420	0.687	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.731	75	373419	67.192	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.366	105	53249	1.230	ug/l	90
95) Naphthalene	15.507	128	30594	4.411	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.702	180	2102	1.885	ug/l	81

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Quant Title : SW846 8260
QLast Update : Wed Feb 02 15:30:39 2022
Response via : Initial Calibration

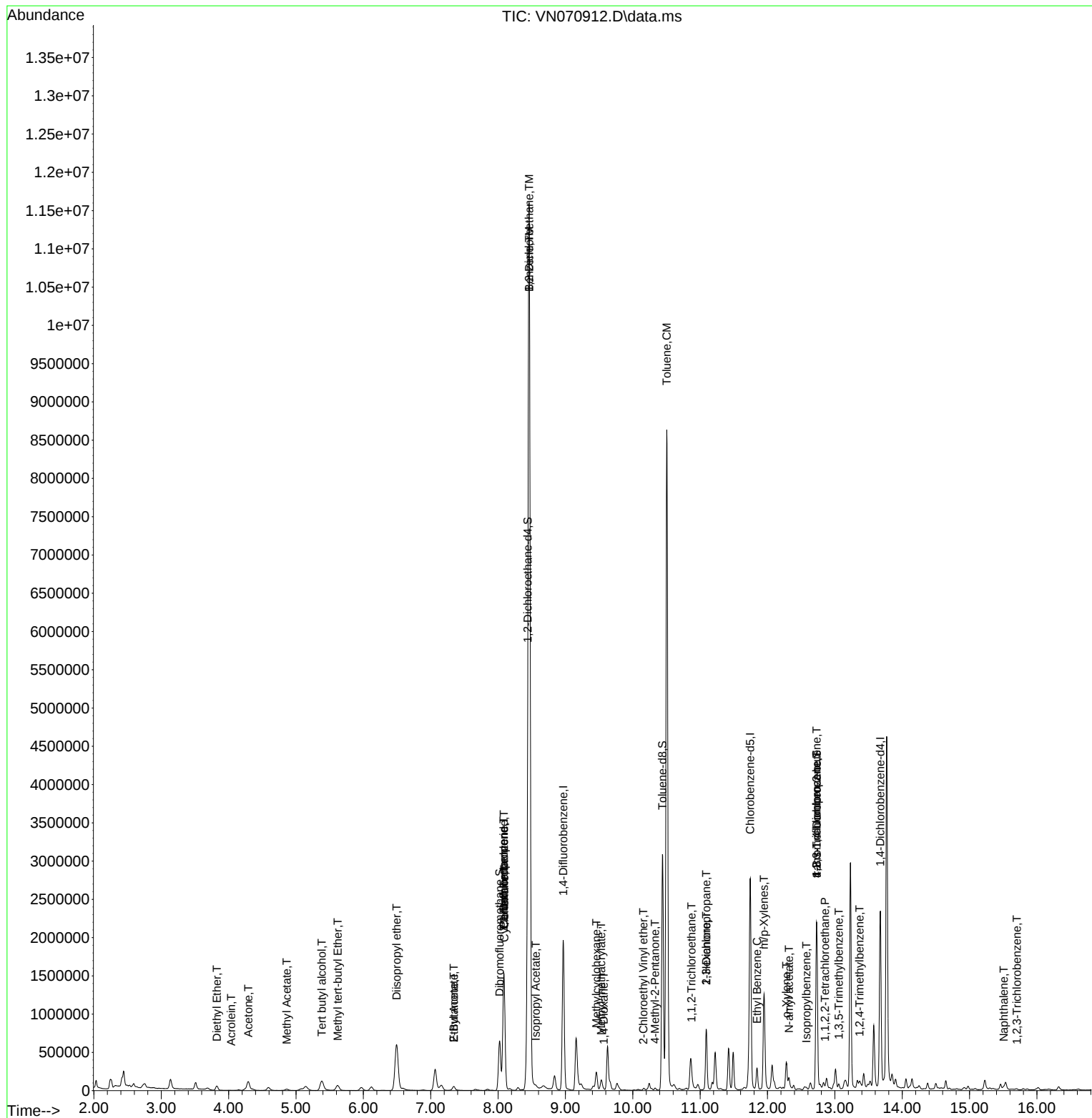
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

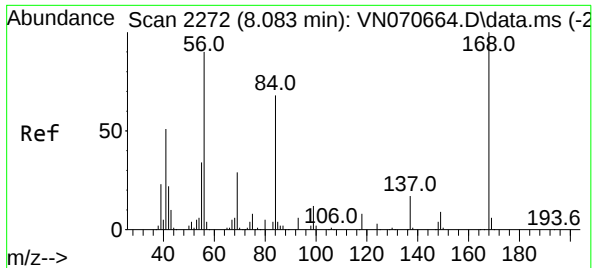
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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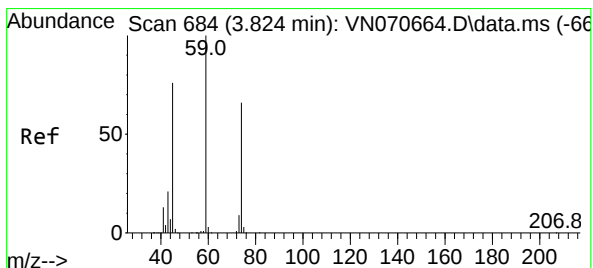
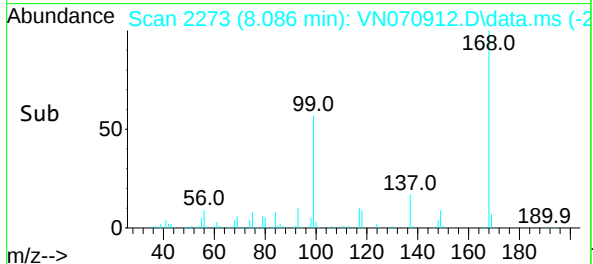
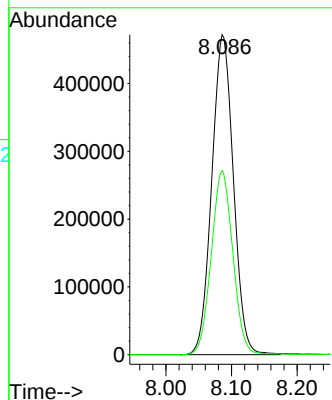
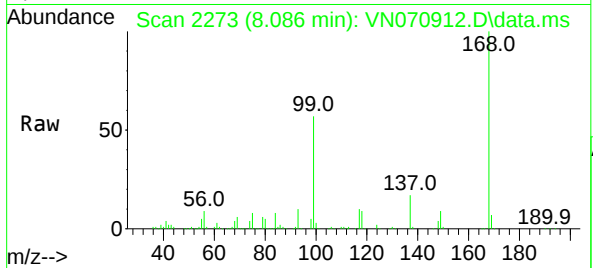




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

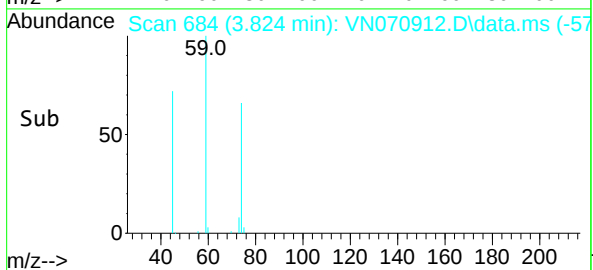
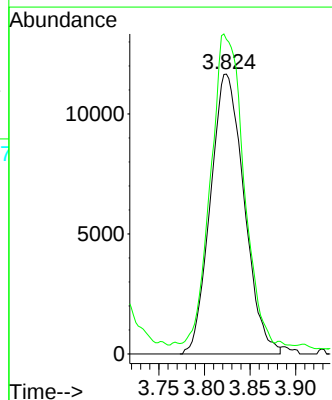
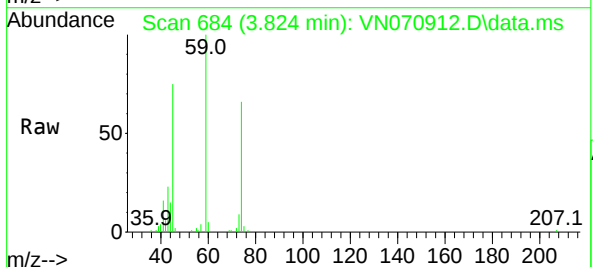
Instrument :
MSVOA_N
ClientSampleId :
31523DL

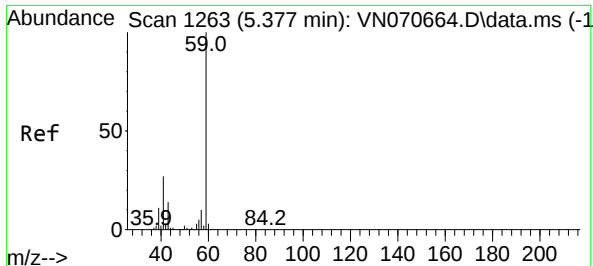
Tgt Ion:168 Resp: 1080371
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#8
Diethyl Ether
Concen: 3.657 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 74 Resp: 29957
Ion Ratio Lower Upper
74 100
45 106.8 47.0 141.2





#11

Tert butyl alcohol

Concen: 68.132 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

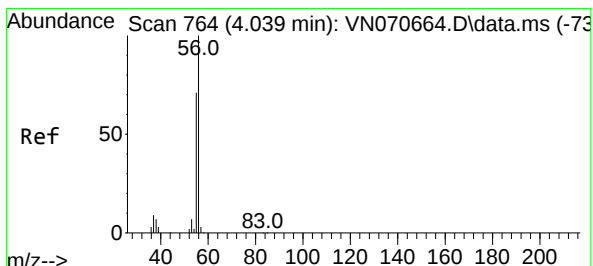
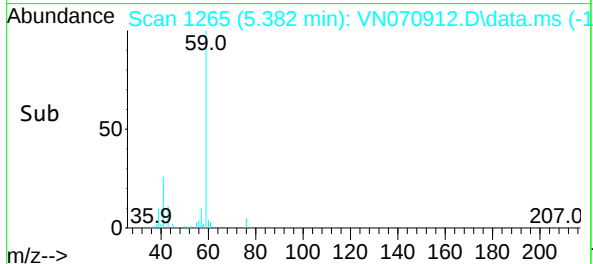
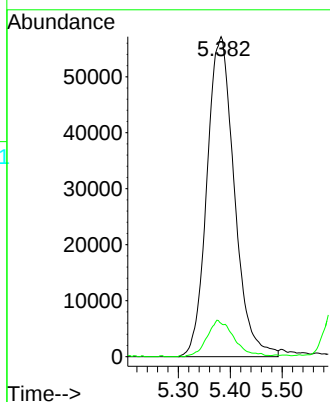
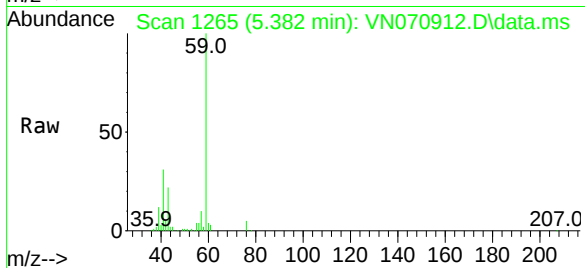
31523DL

Tgt Ion: 59 Resp: 209364

Ion Ratio Lower Upper

59 100

57 11.1 8.7 13.1



#13

Acrolein

Concen: 0.440 ug/l

RT: 4.039 min Scan# 764

Delta R.T. -0.000 min

Lab File: VN070912.D

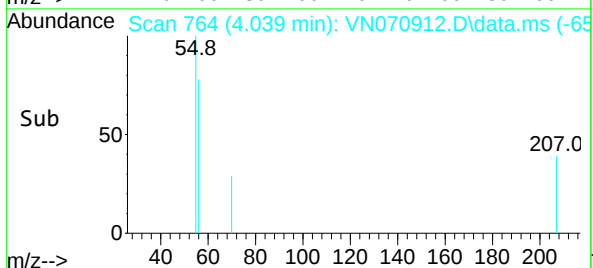
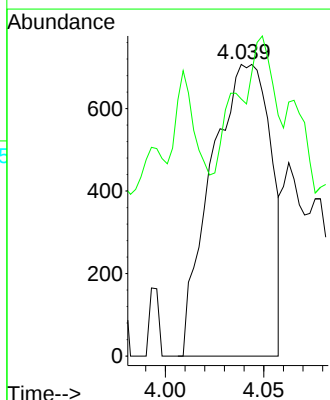
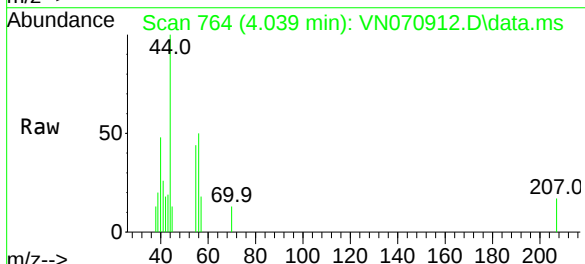
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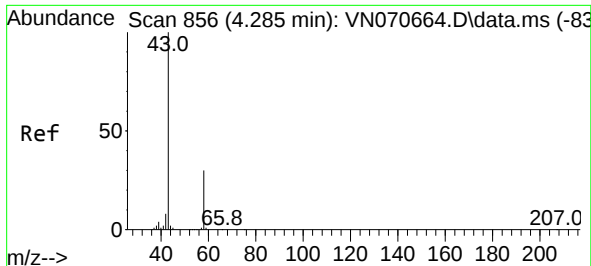
Tgt Ion: 56 Resp: 1487

Ion Ratio Lower Upper

56 100

55 10.7 56.6 85.0#

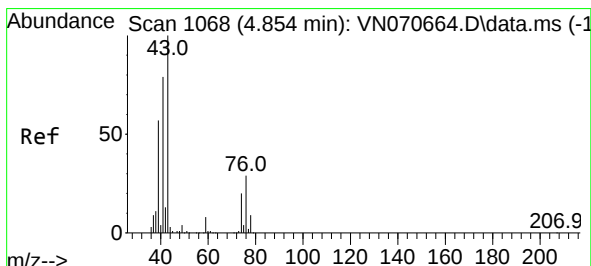
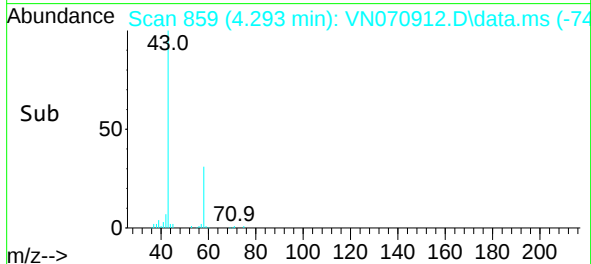
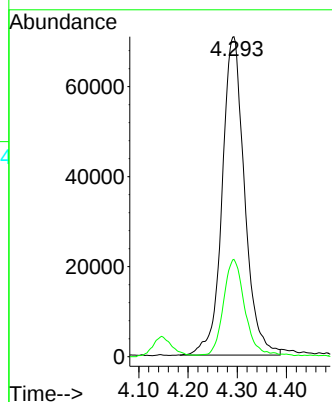
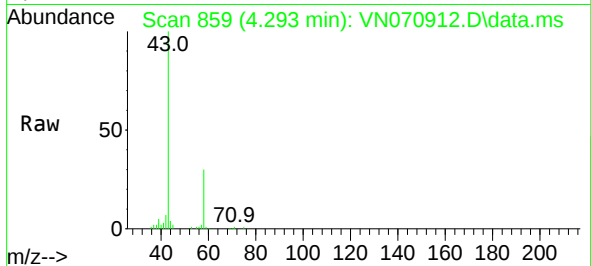




#16
Acetone
Concen: 25.634 ug/l
RT: 4.293 min Scan# 856
Delta R.T. 0.008 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

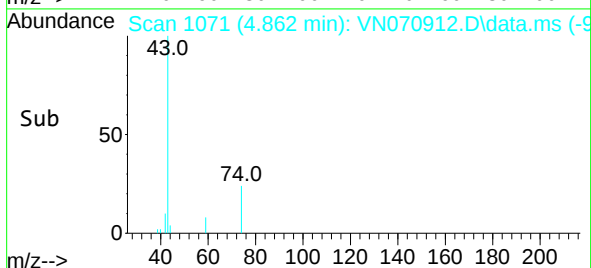
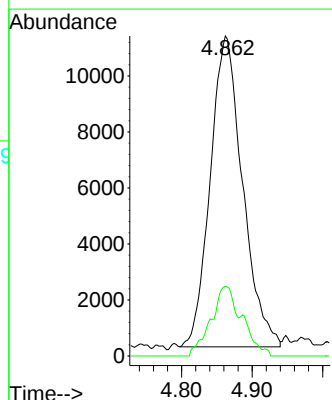
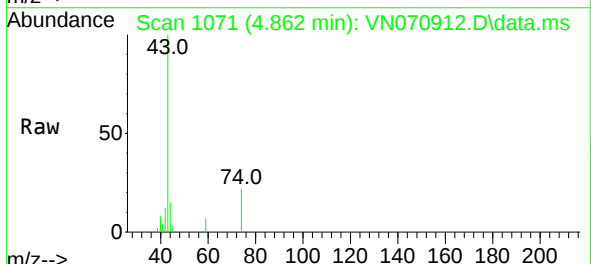
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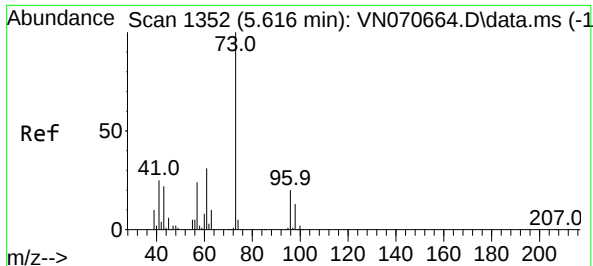
Tgt Ion: 43 Resp: 224151
Ion Ratio Lower Upper
43 100
58 29.8 23.1 34.7



#18
Methyl Acetate
Concen: 1.315 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 43 Resp: 35350
Ion Ratio Lower Upper
43 100
74 16.6 19.4 29.2#

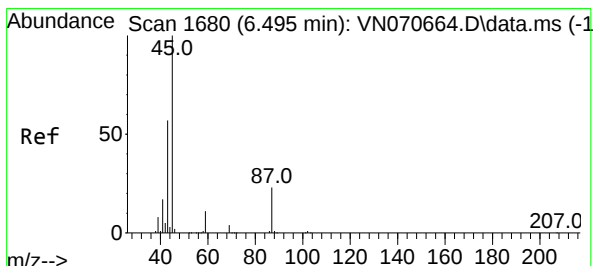
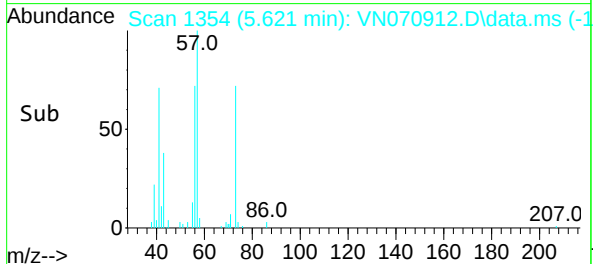
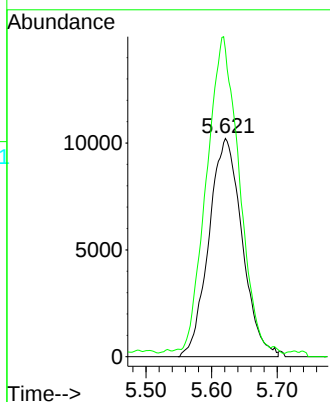
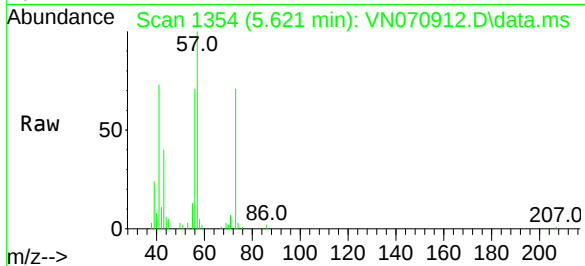




#19
Methyl tert-butyl Ether
Concen: 0.865 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

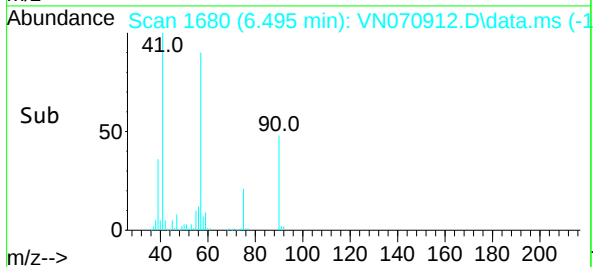
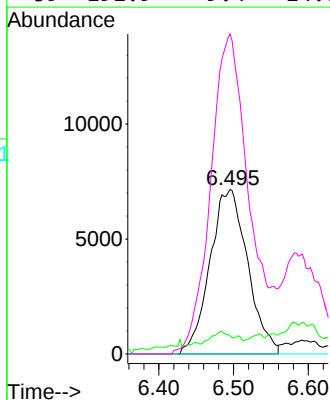
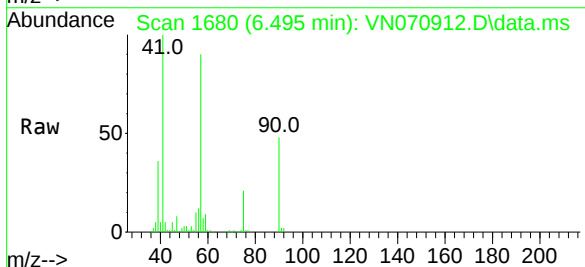
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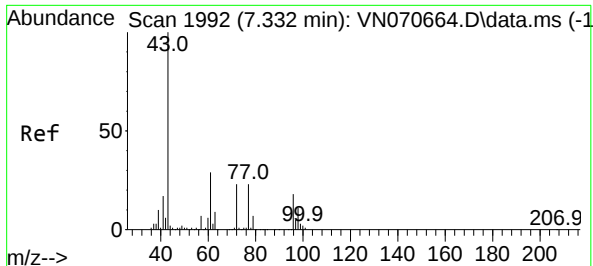
Tgt Ion: 73 Resp: 35966
Ion Ratio Lower Upper
73 100
57 137.4 16.8 25.2#



#22
Diisopropyl ether
Concen: 0.522 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 45 Resp: 25072
Ion Ratio Lower Upper
45 100
43 6.4 51.7 77.5#
87 0.0 23.2 34.8#
59 191.9 9.4 14.0#

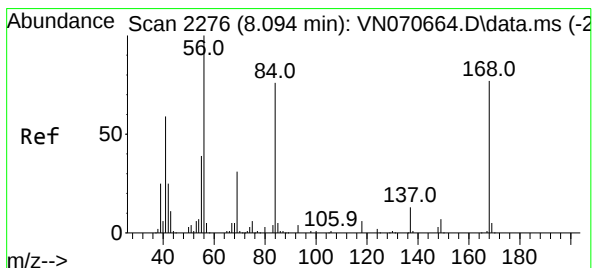
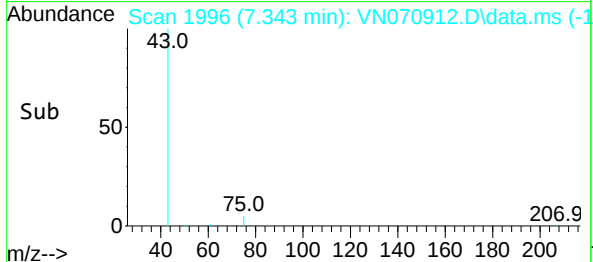
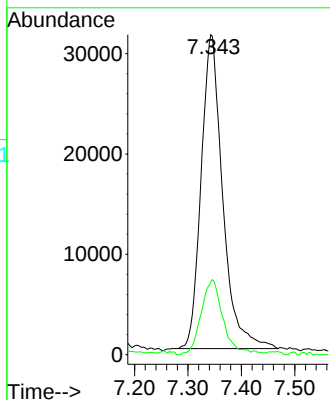
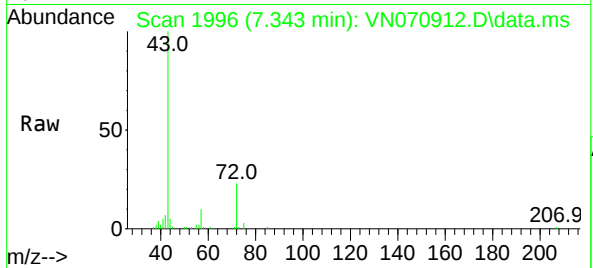




#25
2-Butanone
Concen: 6.955 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

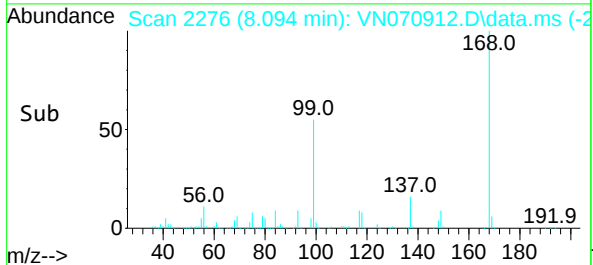
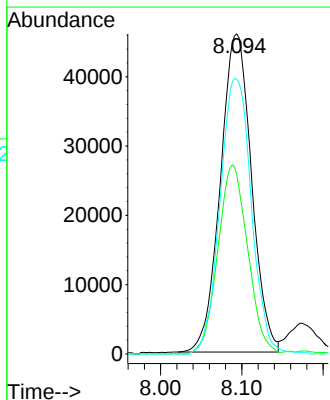
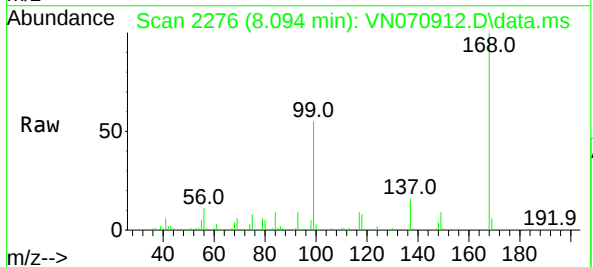
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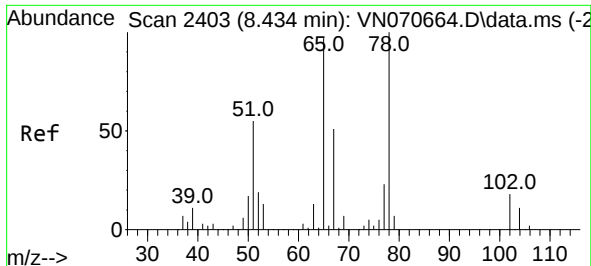
Tgt Ion: 43 Resp: 87784
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5



#31
Cyclohexane
Concen: 4.922 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 56 Resp: 122298
Ion Ratio Lower Upper
56 100
69 56.2 27.1 40.7#
84 86.3 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 45.777 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

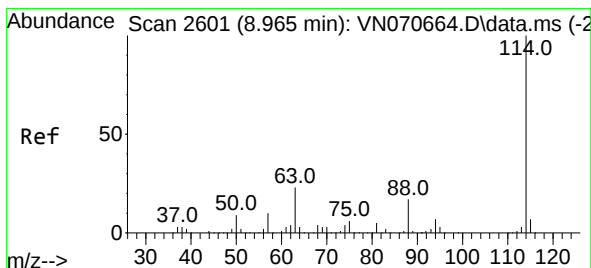
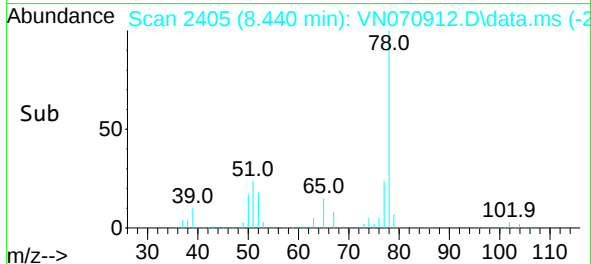
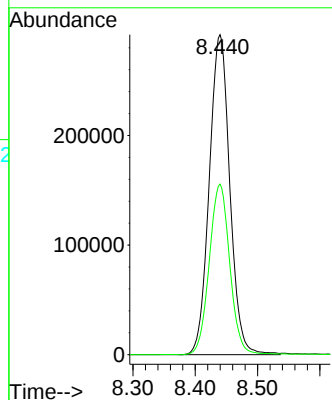
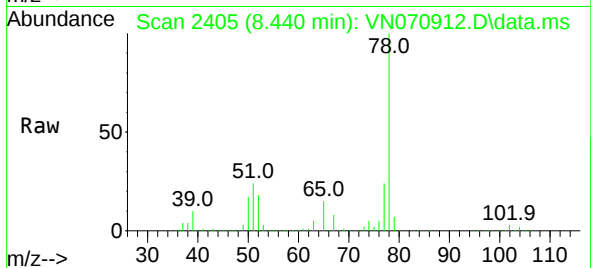
31523DL

Tgt Ion: 65 Resp: 669444

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

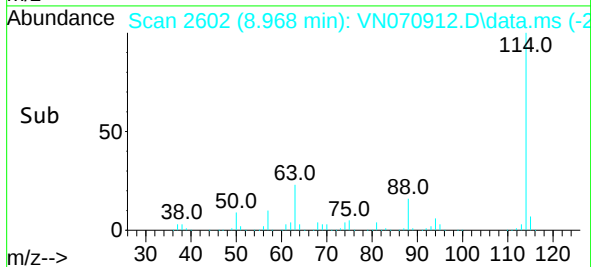
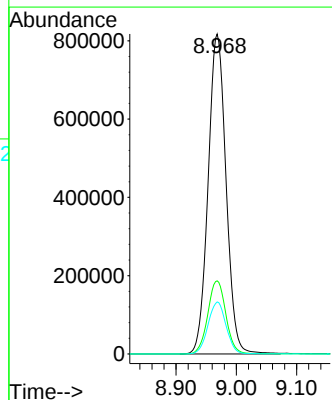
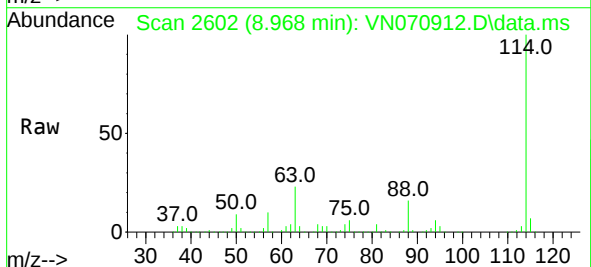
Tgt Ion: 114 Resp: 1689130

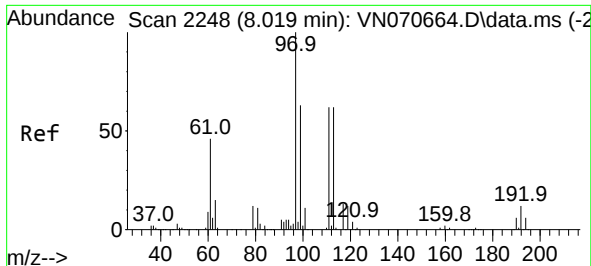
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.2 0.0 27.4

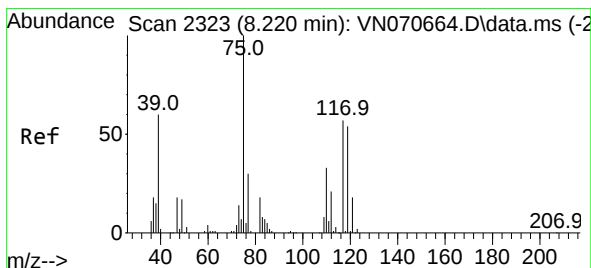
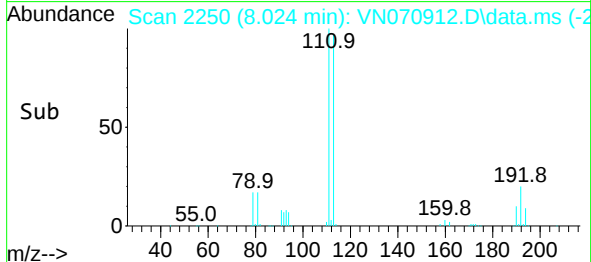
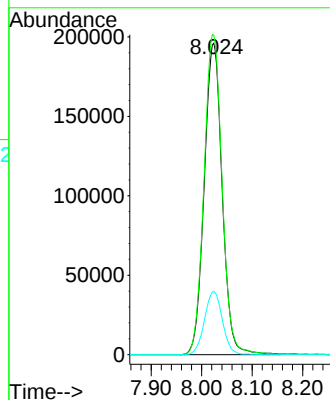
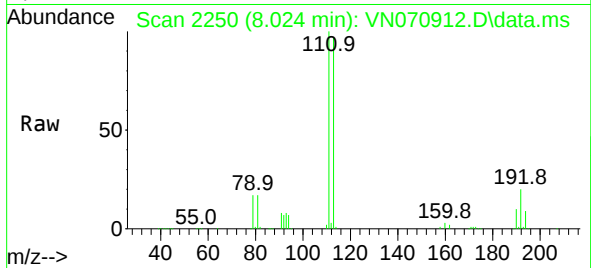




#35
Dibromofluoromethane
Concen: 48.007 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

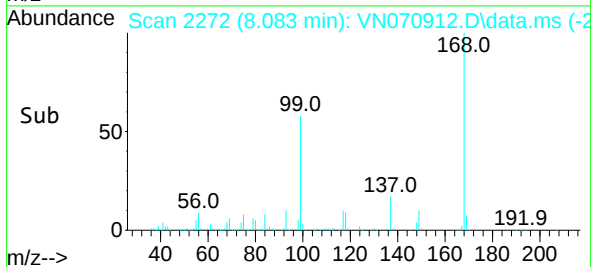
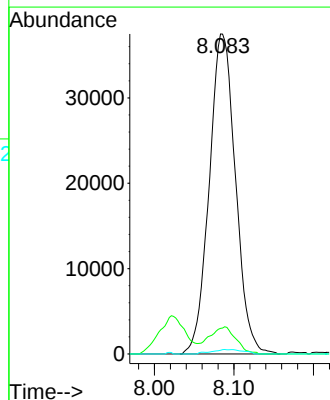
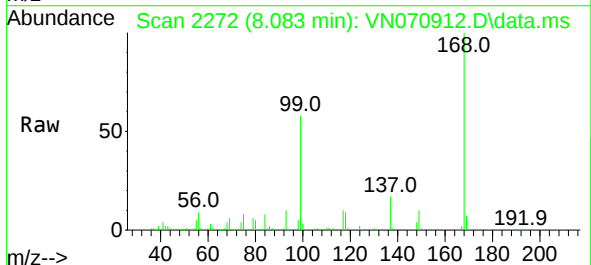
Instrument :
MSVOA_N
ClientSampleId :
31523DL

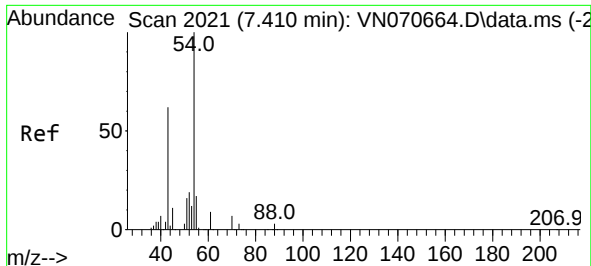
Tgt Ion:113 Resp: 485773
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 75 Resp: 85937
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.875 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. -0.070 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

31523DL

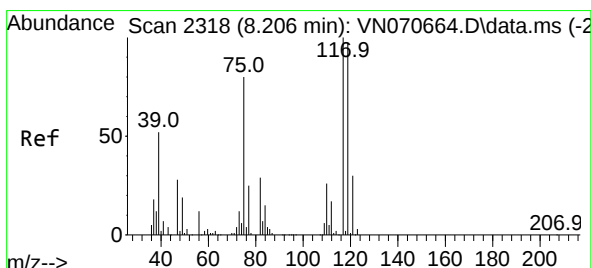
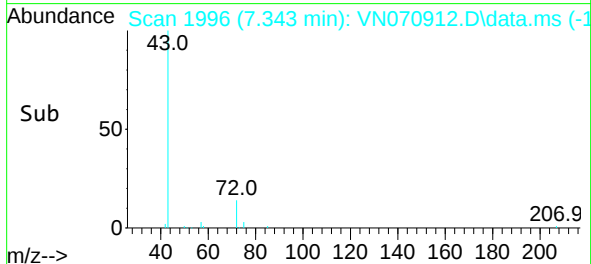
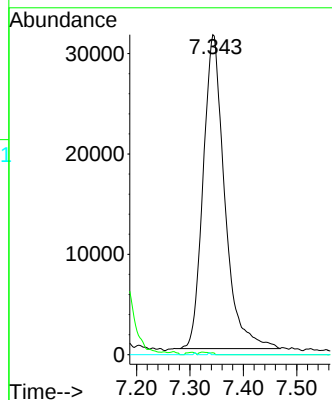
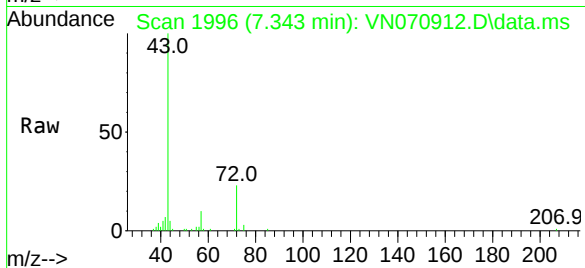
Tgt Ion: 43 Resp: 87784

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.1 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.992 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

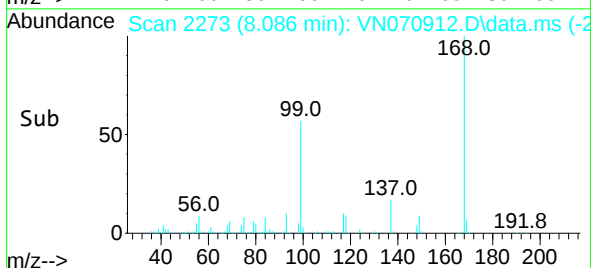
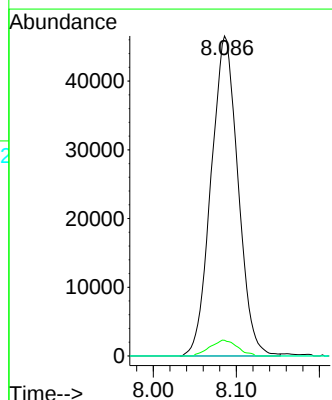
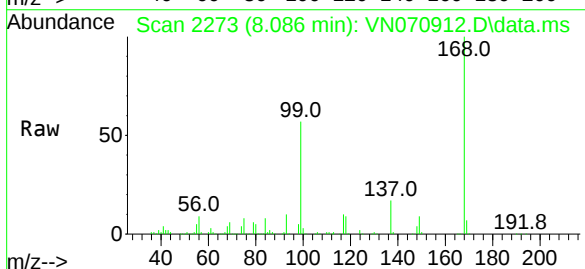
Tgt Ion: 117 Resp: 104972

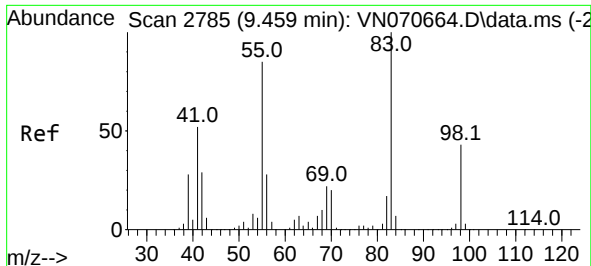
Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

121 0.0 24.2 36.2#

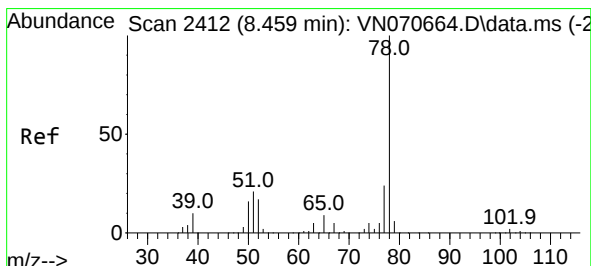
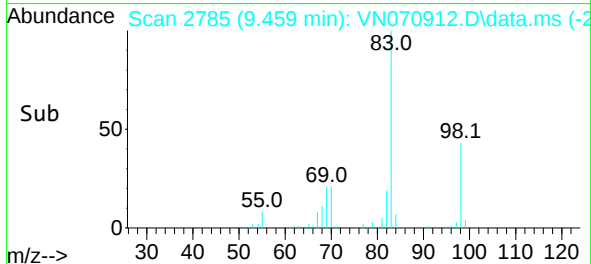
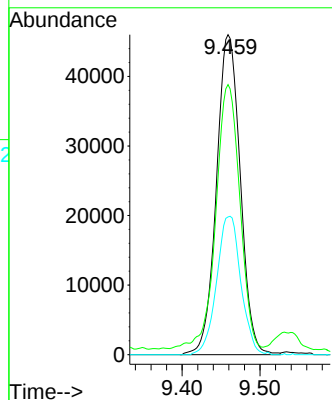
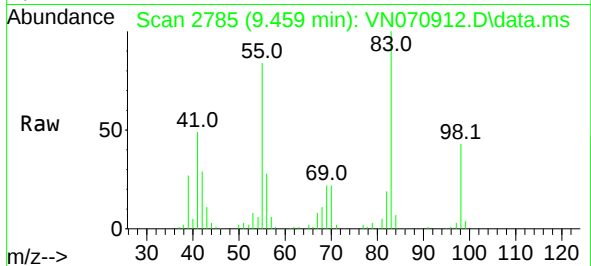




#39
Methylcyclohexane
Concen: 4.832 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

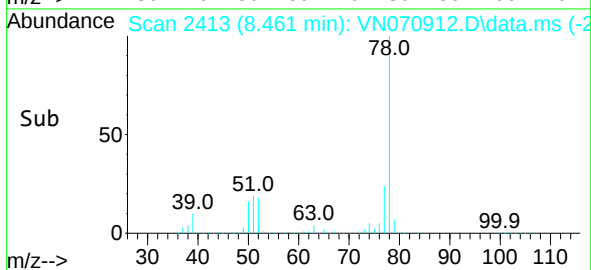
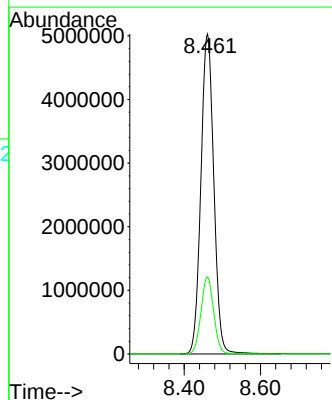
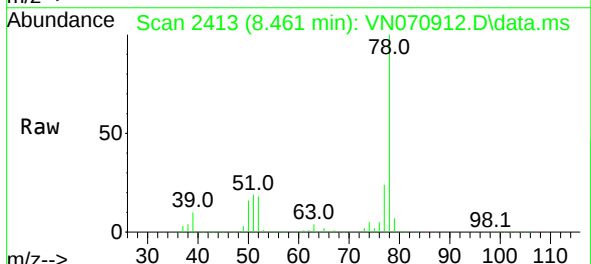
Instrument :
MSVOA_N
ClientSampleId :
31523DL

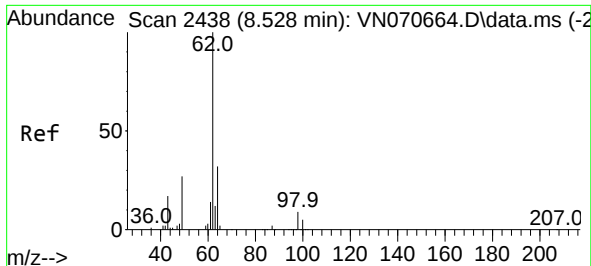
Tgt Ion: 83 Resp: 97638
Ion Ratio Lower Upper
83 100
55 81.6 58.1 87.1
98 43.0 38.4 57.6



#40
Benzene
Concen: 229.083 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 78 Resp: 11831062
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8





#42

1,2-Dichloroethane

Concen: 5.855 ug/l

RT: 8.461 min Scan# 24

Delta R.T. -0.067 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

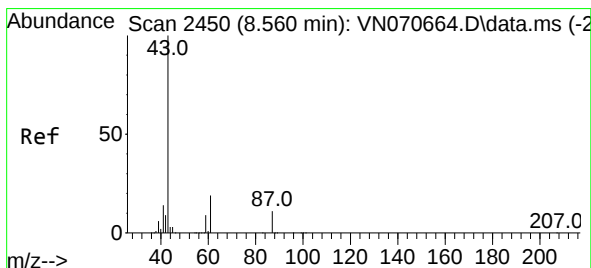
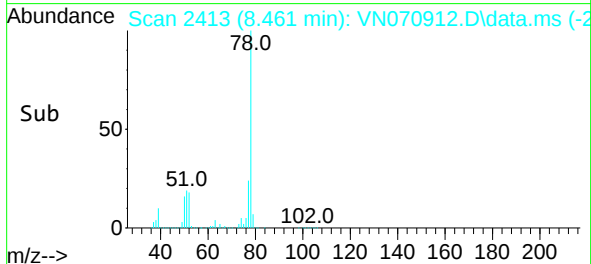
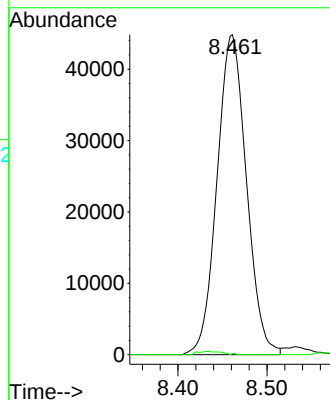
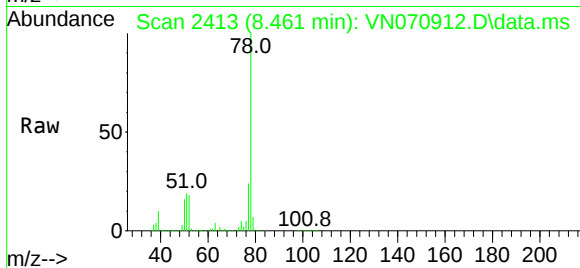
31523DL

Tgt Ion: 62 Resp: 102941

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 0.497 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

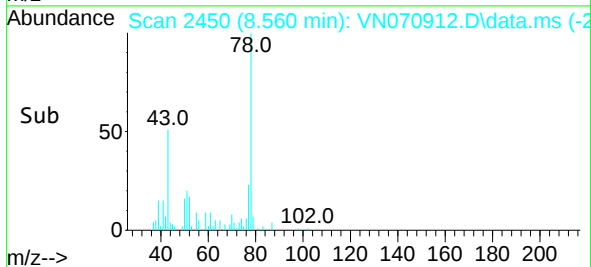
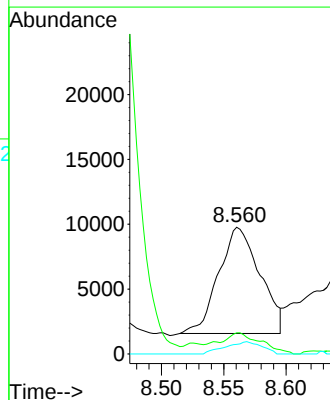
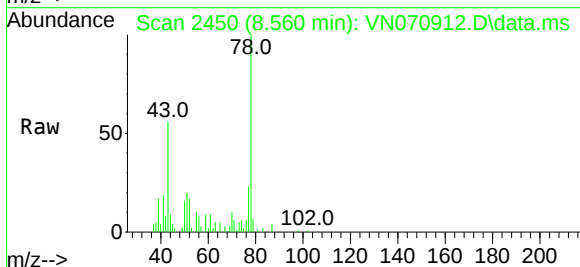
Tgt Ion: 43 Resp: 18935

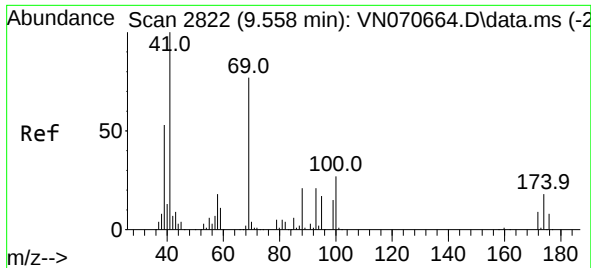
Ion Ratio Lower Upper

43 100

61 19.6 20.4 30.6#

87 10.1 11.2 16.8#

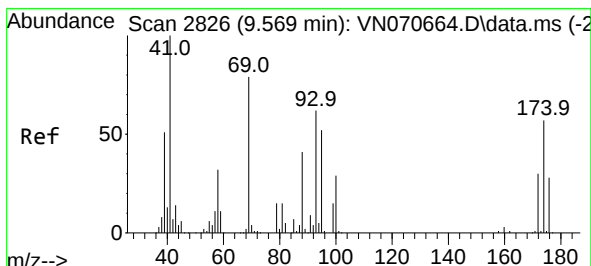
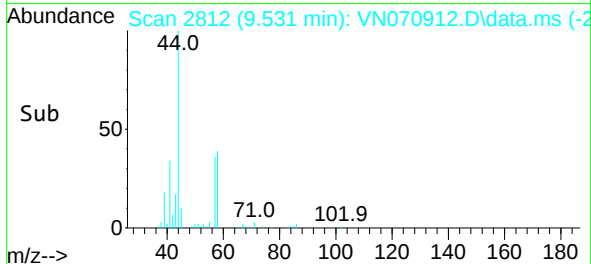
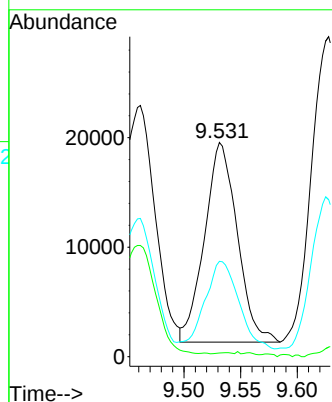
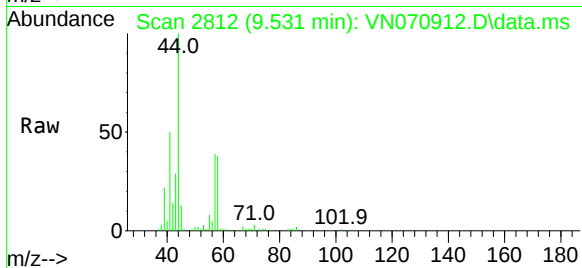




#48
Methyl methacrylate
Concen: 2.232 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.027 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

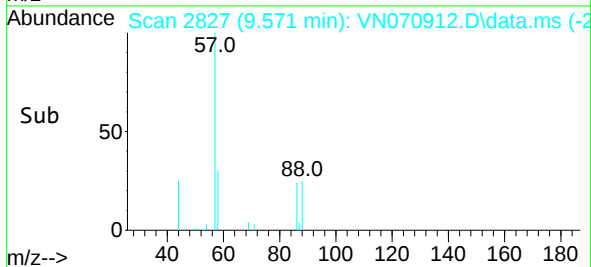
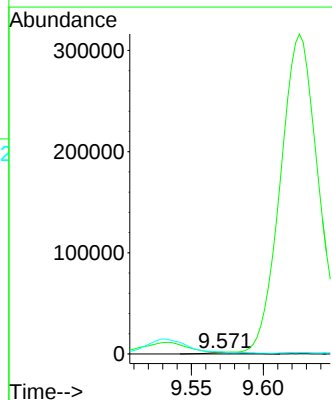
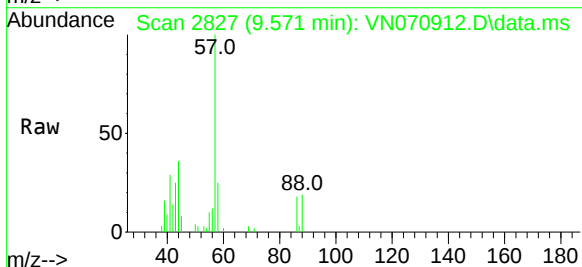
Instrument :
MSVOA_N
ClientSampleId :
31523DL

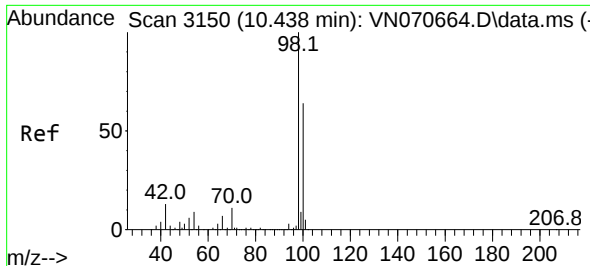
Tgt Ion: 41 Resp: 36649
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 44.8 58.4 87.6#



#49
1,4-Dioxane
Concen: 9.953 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 88 Resp: 2738
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

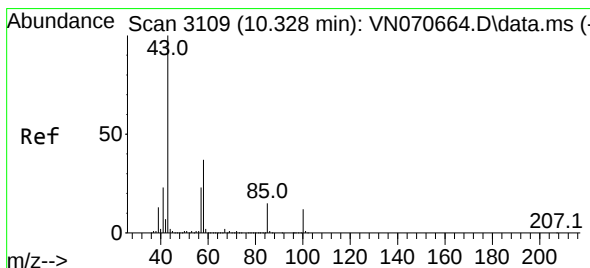
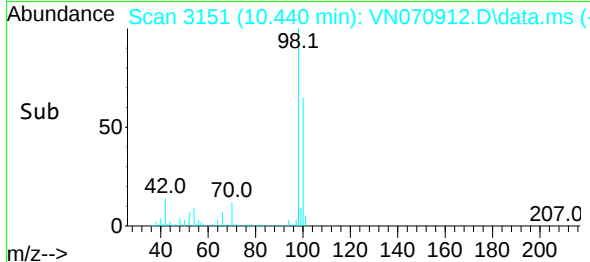
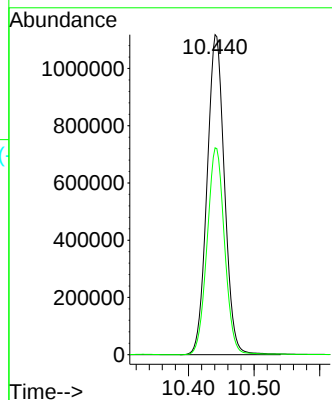
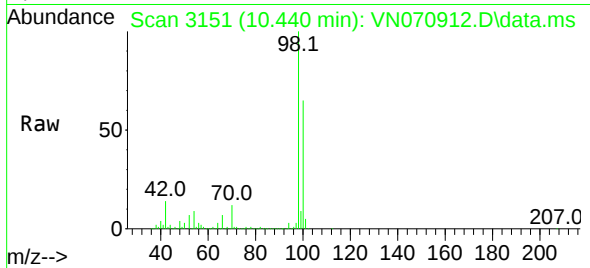




#50
Toluene-d8
Concen: 49.666 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

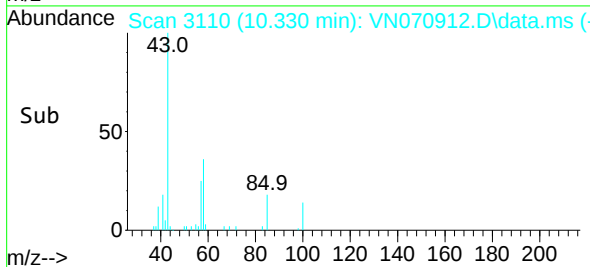
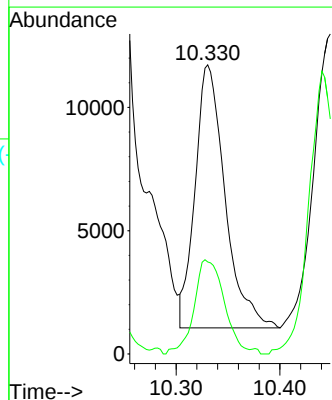
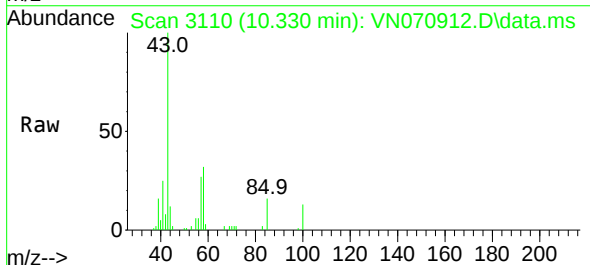
Instrument :
MSVOA_N
ClientSampleId :
31523DL

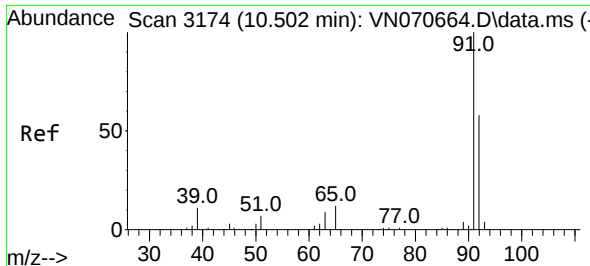
Tgt Ion: 98 Resp: 2063453
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.954 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 43 Resp: 21396
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6

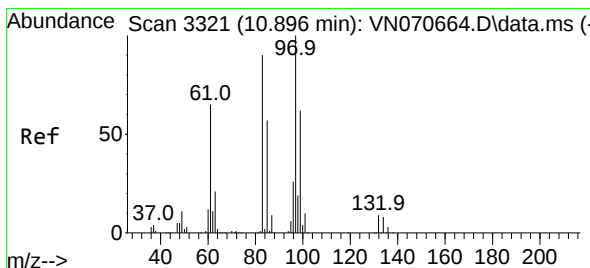
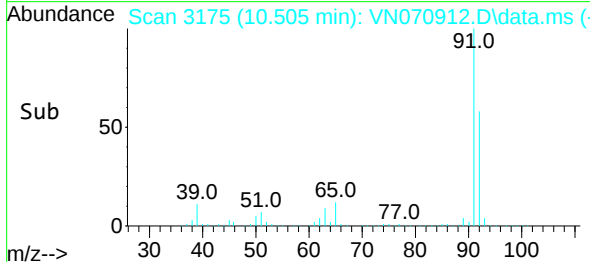
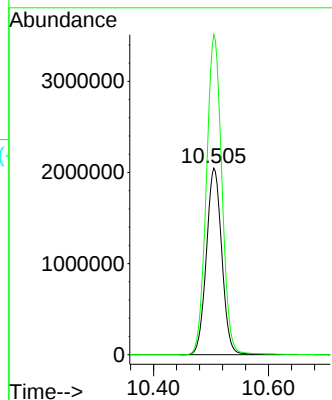
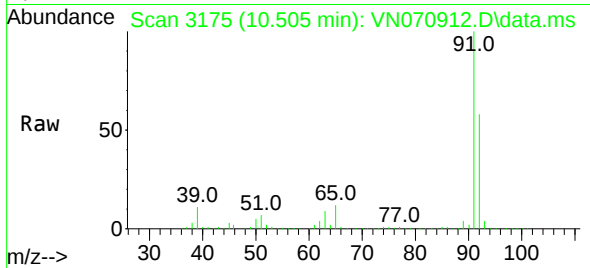




#52
Toluene
Concen: 118.933 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

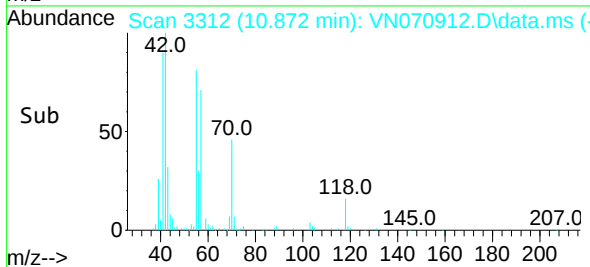
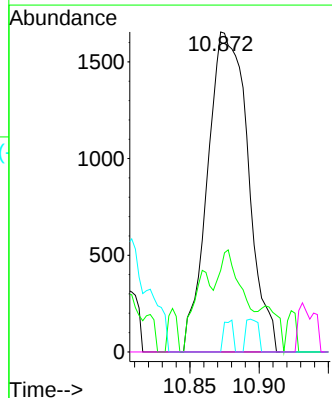
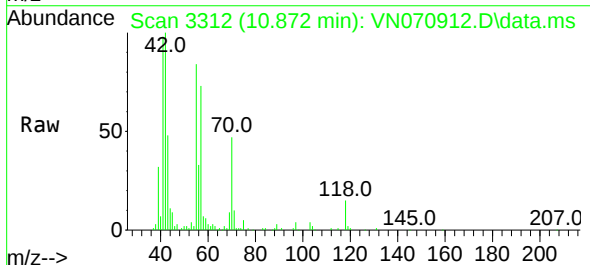
Instrument :
MSVOA_N
ClientSampleId :
31523DL

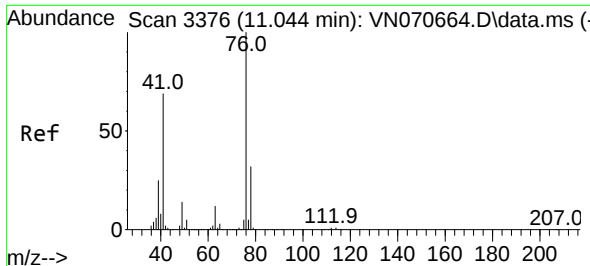
Tgt Ion: 92 Resp: 3805796
Ion Ratio Lower Upper
92 100
91 172.4 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 0.277 ug/l
RT: 10.872 min Scan# 3312
Delta R.T. -0.024 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 97 Resp: 3362
Ion Ratio Lower Upper
97 100
83 25.5 67.8 101.6#
85 0.0 45.4 68.2#
99 0.0 49.4 74.0#





#57

1,3-Dichloropropane

Concen: 0.369 ug/l

RT: 11.089 min Scan# 31

Delta R.T. 0.045 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

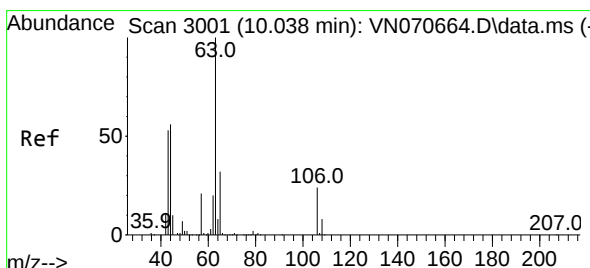
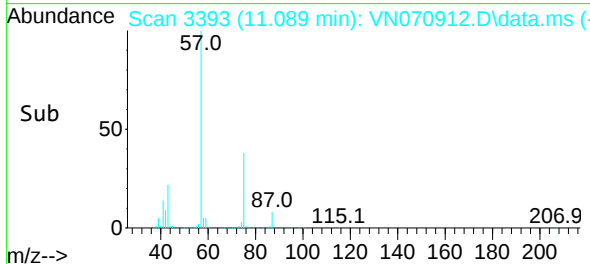
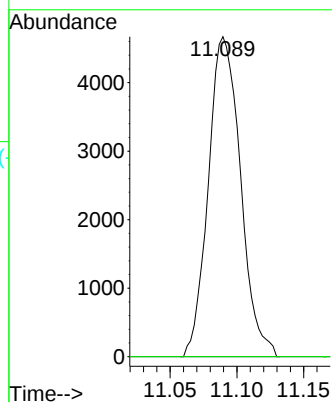
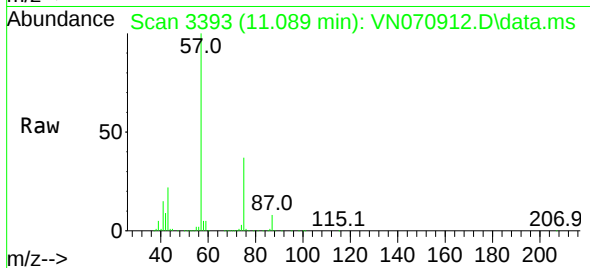
31523DL

Tgt Ion: 76 Resp: 7840

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 19.872 ug/l

RT: 10.156 min Scan# 3045

Delta R.T. 0.115 min

Lab File: VN070912.D

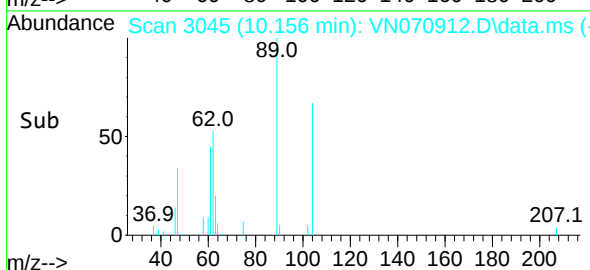
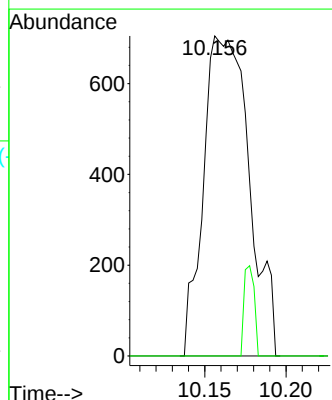
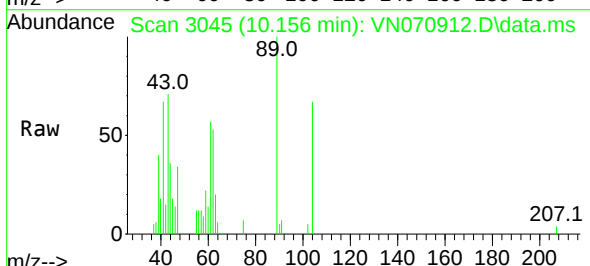
Acq: 3 Feb 2022 00:31

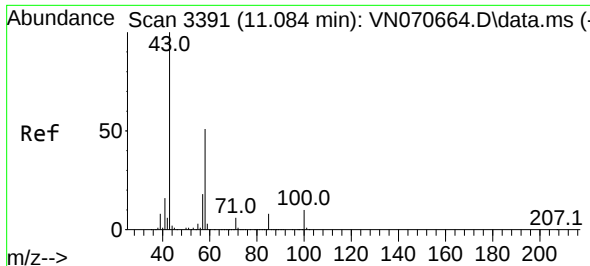
Tgt Ion: 63 Resp: 1384

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

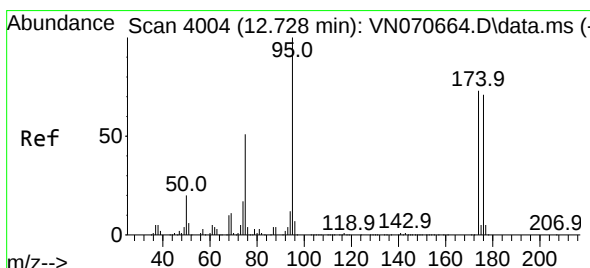
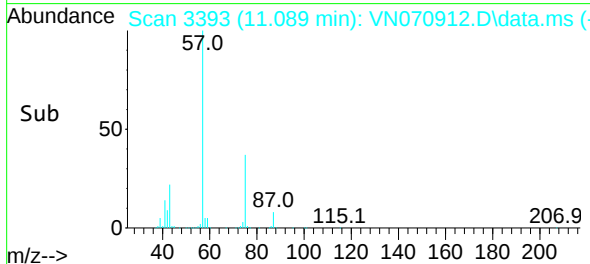
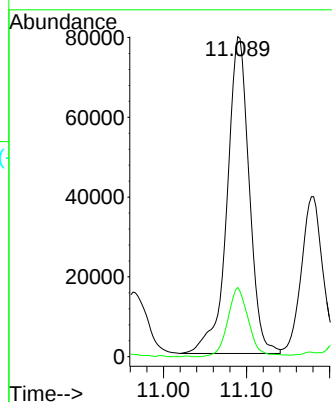
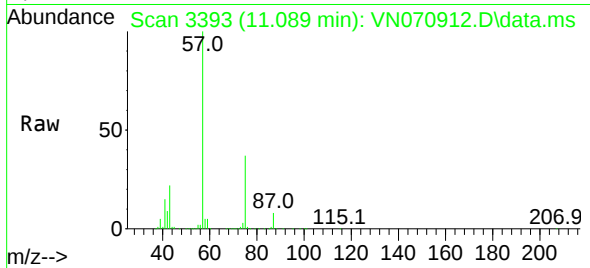




#59
2-Hexanone
Concen: 8.992 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

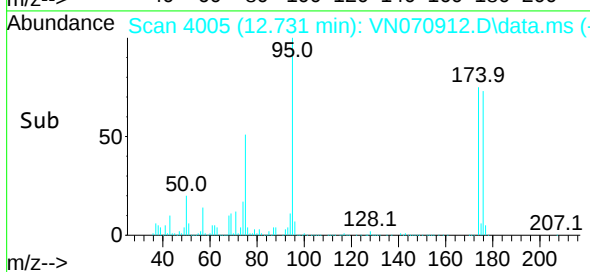
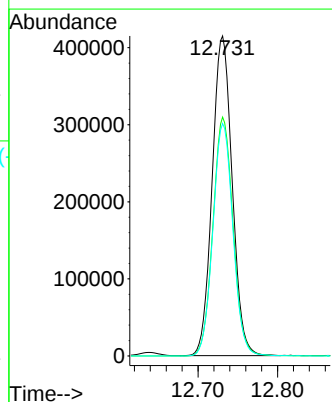
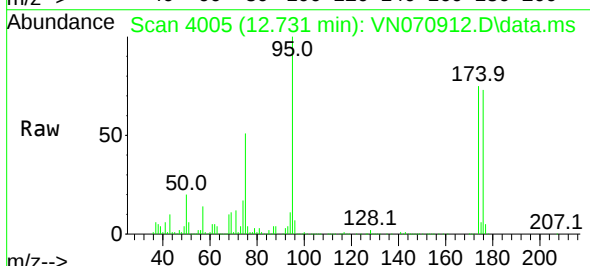
Instrument :
MSVOA_N
ClientSampleId :
31523DL

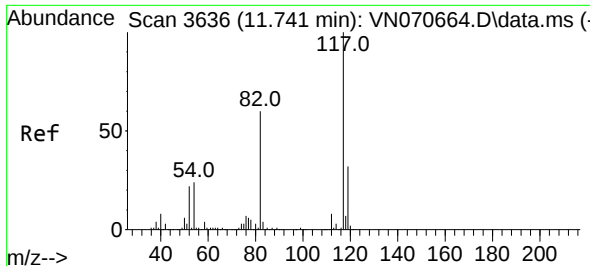
Tgt Ion: 43 Resp: 147180
Ion Ratio Lower Upper
43 100
58 20.6 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 48.513 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 95 Resp: 726256
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.7 0.0 181.4

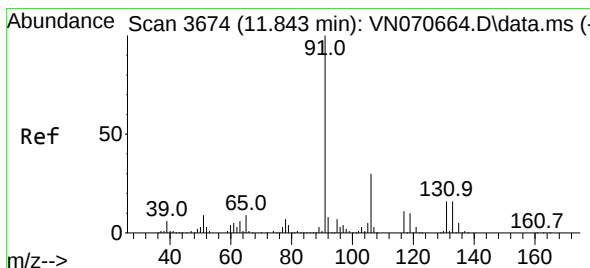
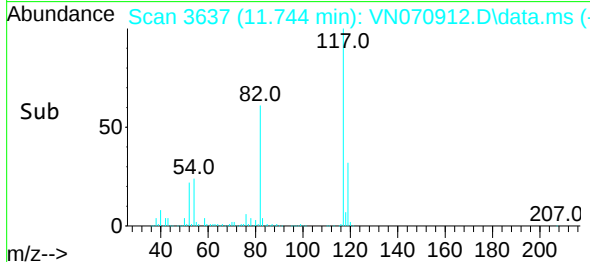
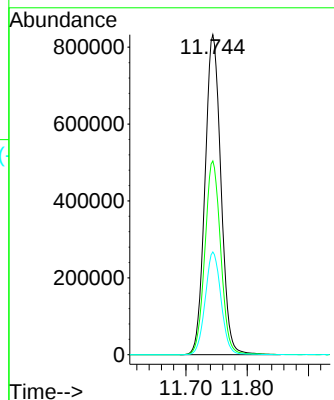
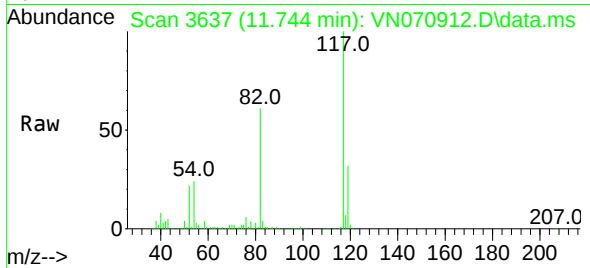




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

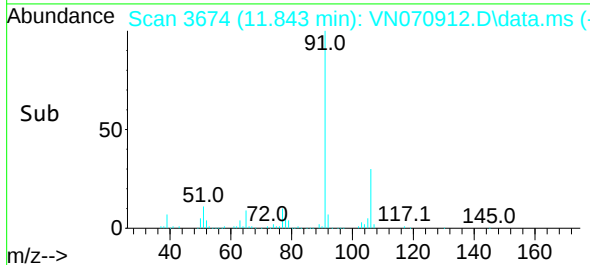
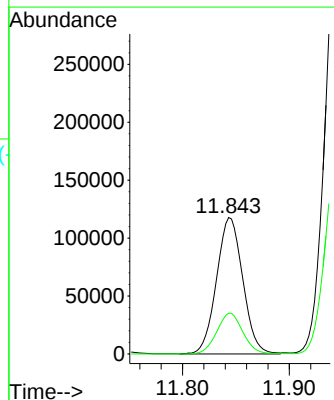
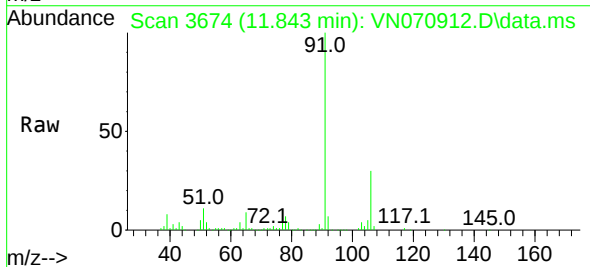
Instrument :
MSVOA_N
ClientSampleId :
31523DL

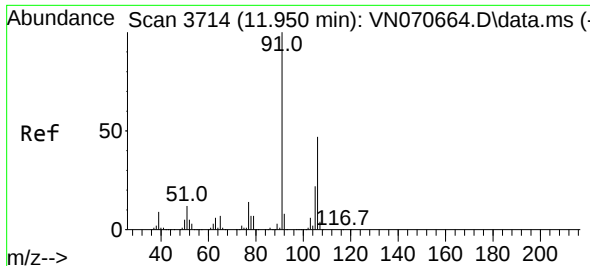
Tgt Ion:117 Resp: 1502634
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 3.514 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 91 Resp: 201437
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

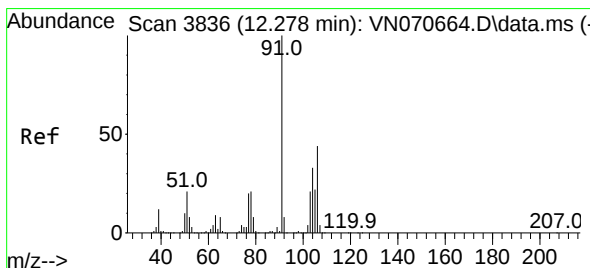
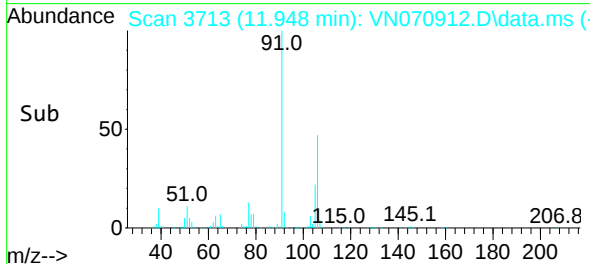
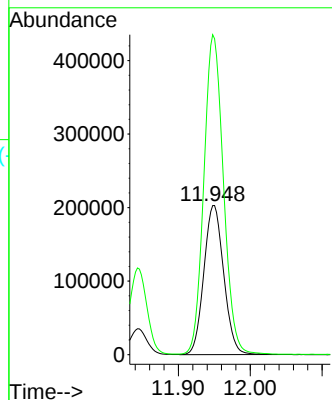
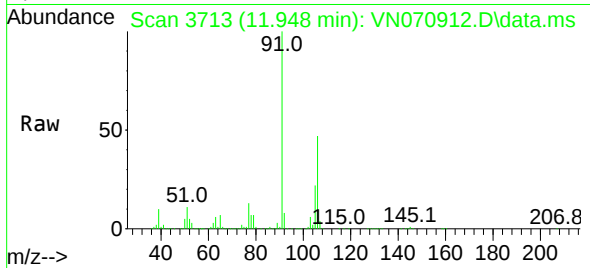




#68
m/p-Xylenes
Concen: 18.358 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

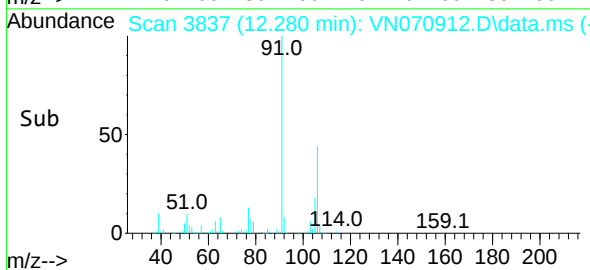
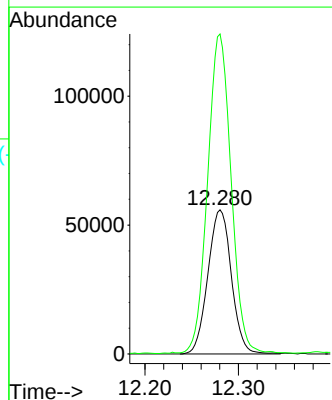
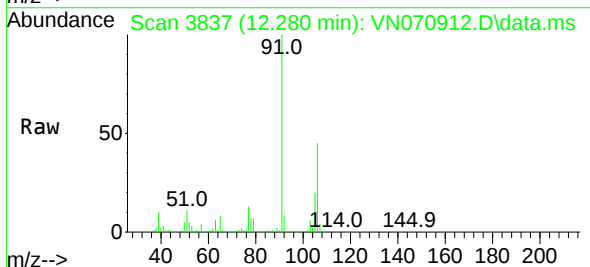
Instrument :
MSVOA_N
ClientSampleId :
31523DL

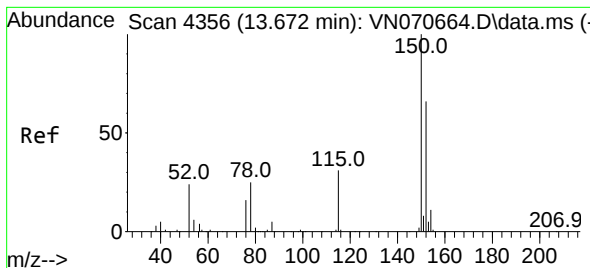
Tgt Ion:106 Resp: 389968
Ion Ratio Lower Upper
106 100
91 211.5 160.6 240.8



#69
o-Xylene
Concen: 4.610 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion:106 Resp: 98005
Ion Ratio Lower Upper
106 100
91 219.5 105.8 317.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. 0.003 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

31523DL

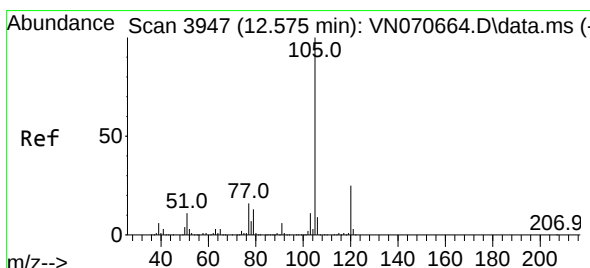
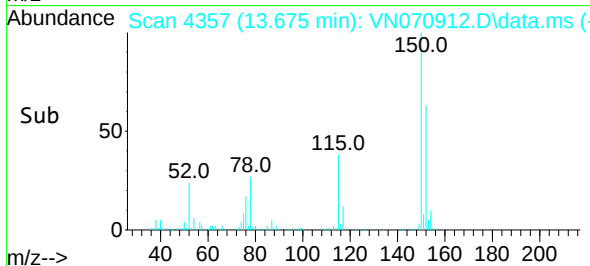
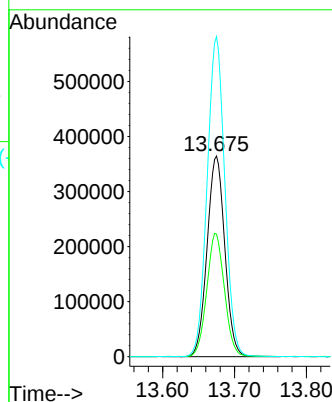
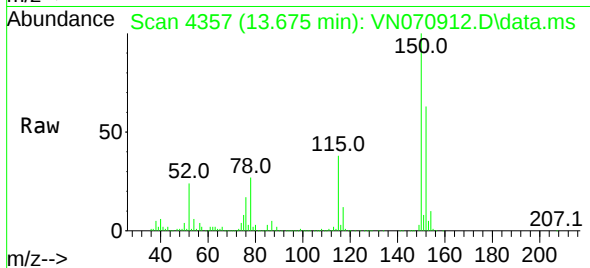
Tgt Ion:152 Resp: 625862

Ion Ratio Lower Upper

152 100

115 61.0 27.5 82.5

150 158.8 0.0 344.4



#73

Isopropylbenzene

Concen: 0.247 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VN070912.D

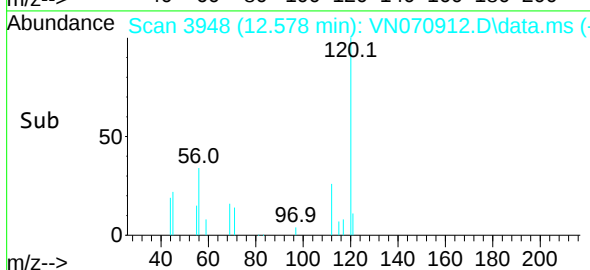
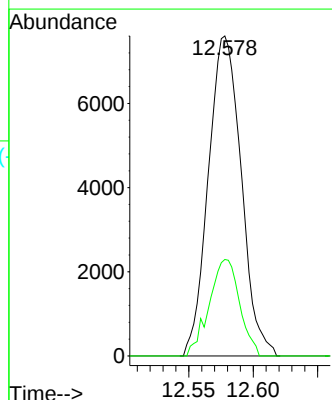
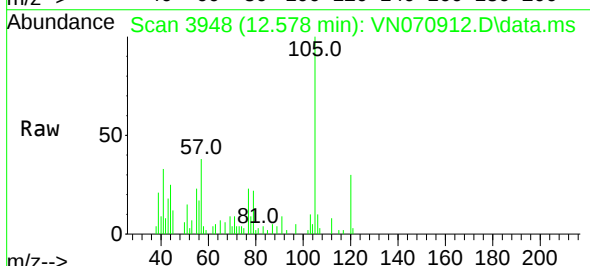
Acq: 3 Feb 2022 00:31

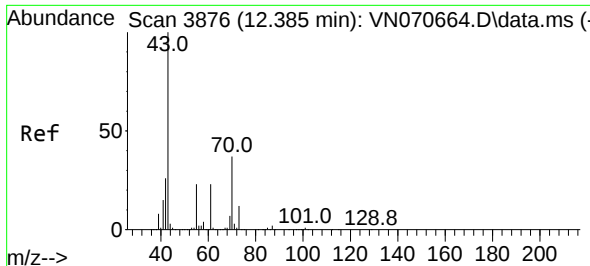
Tgt Ion:105 Resp: 13477

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.1

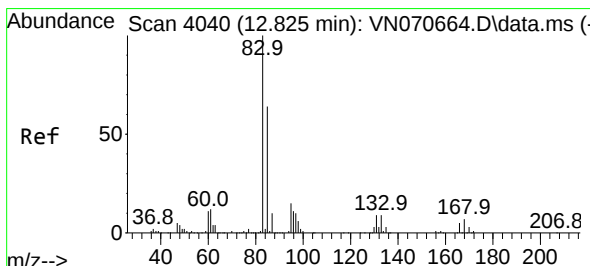
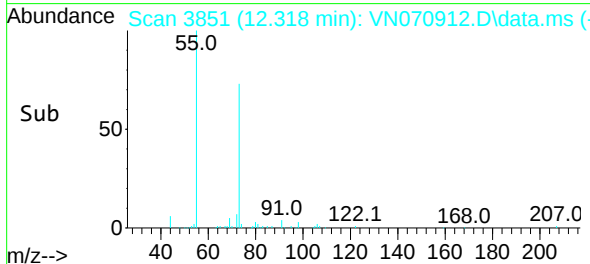
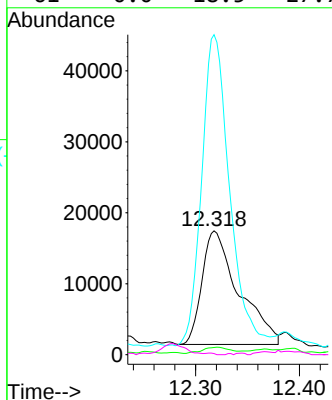
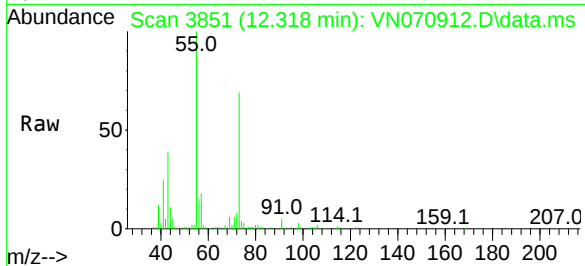




#74
N-amy1 acetate
Concen: 1.612 ug/l
RT: 12.318 min Scan# 31
Delta R.T. -0.070 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

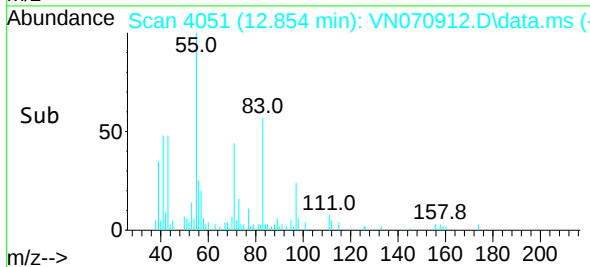
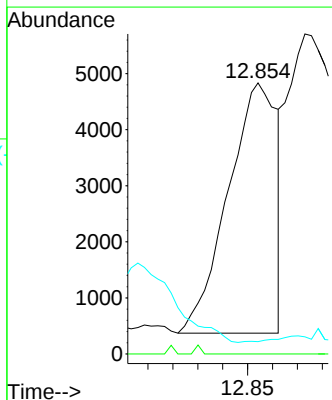
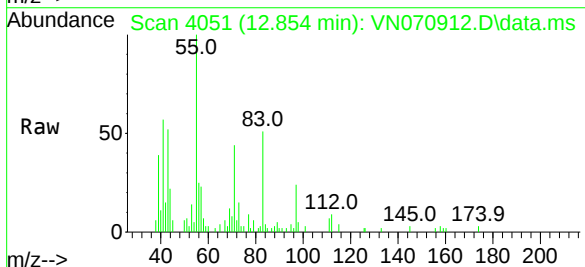
Instrument :
MSVOA_N
ClientSampleId :
31523DL

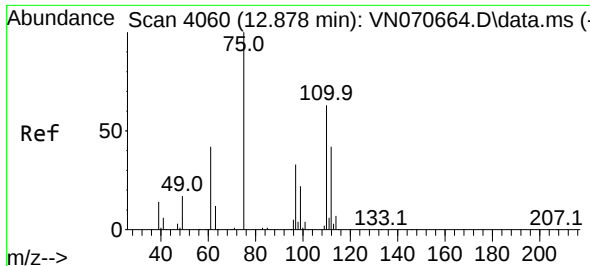
Tgt Ion:	43	Resp:	39426
Ion	Ratio	Lower	Upper
43	100		
70	4.1	33.4	50.0#
55	207.3	19.3	28.9#
61	0.0	18.5	27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.321 ug/l
RT: 12.854 min Scan# 4051
Delta R.T. 0.029 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion:	83	Resp:	6070
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	0.0	32.4	97.2#

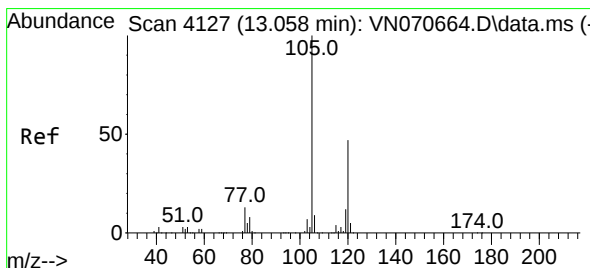
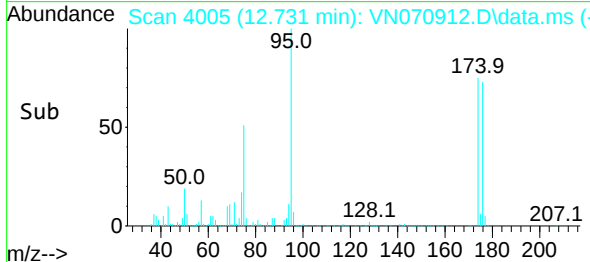
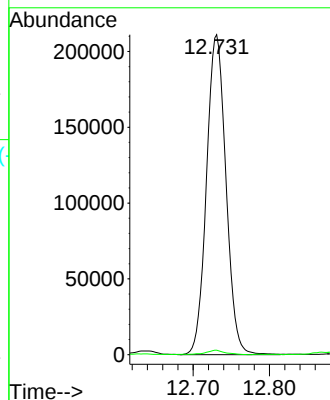
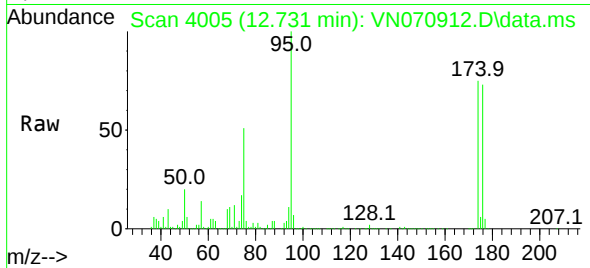




#76
1,2,3-Trichloropropane
Concen: 24.788 ug/l
RT: 12.731 min Scan# 4060
Delta R.T. -0.147 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

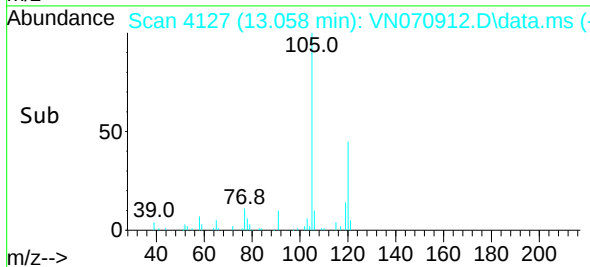
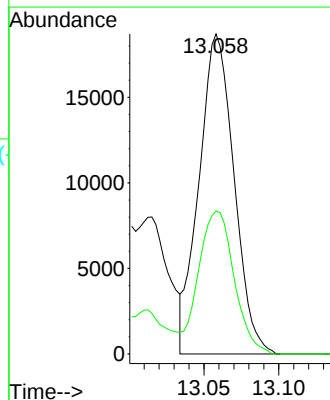
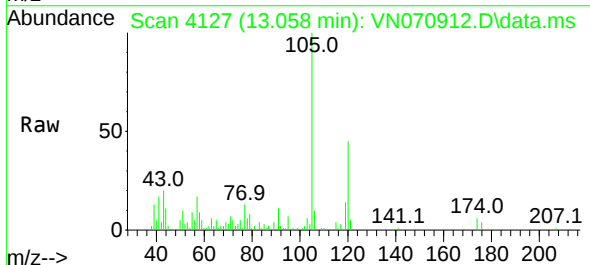
Instrument :
MSVOA_N
ClientSampleId :
31523DL

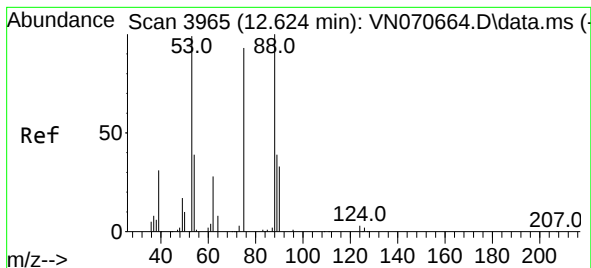
Tgt Ion: 75 Resp: 373419
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.687 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion:105 Resp: 30420
Ion Ratio Lower Upper
105 100
120 45.5 24.6 73.6

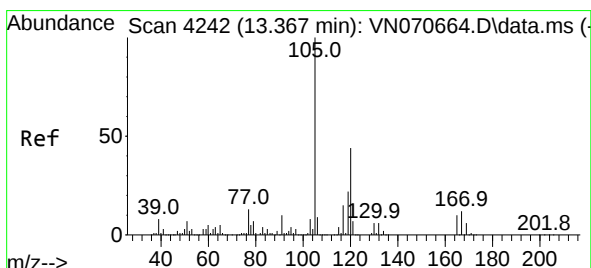
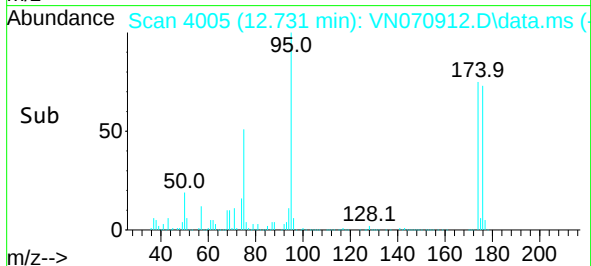
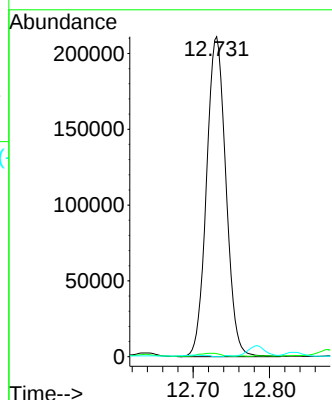
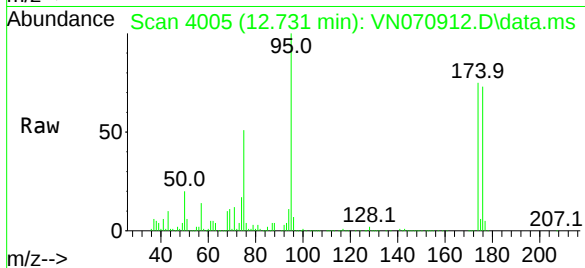




#81
trans-1,4-Dichloro-2-butene
Concen: 67.192 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

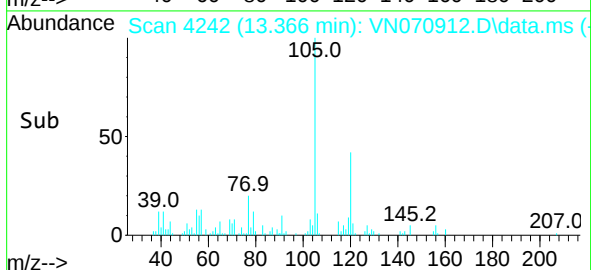
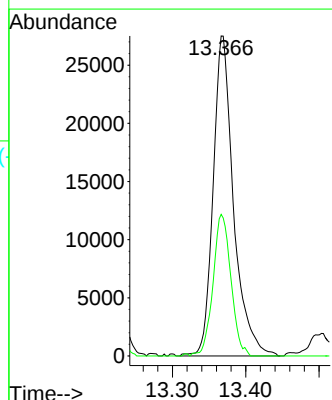
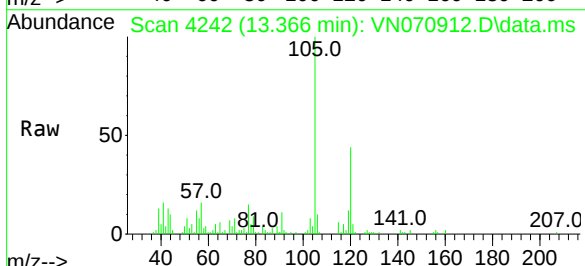
Instrument :
MSVOA_N
ClientSampleId :
31523DL

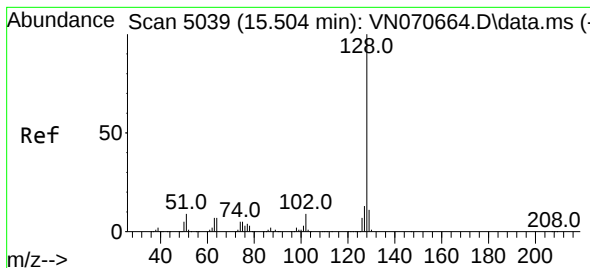
Tgt Ion: 75 Resp: 373419
Ion Ratio Lower Upper
75 100
53 1.0 90.5 135.7#
89 0.1 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.230 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 105 Resp: 53249
Ion Ratio Lower Upper
105 100
120 38.8 22.8 68.4





#95

Naphthalene

Concen: 4.411 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

31523DL

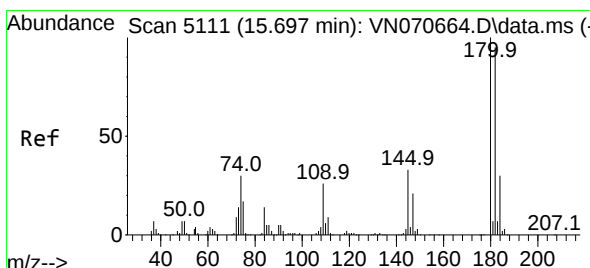
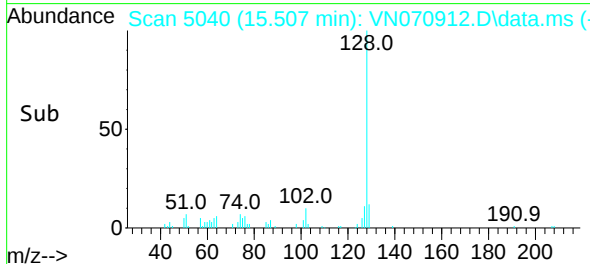
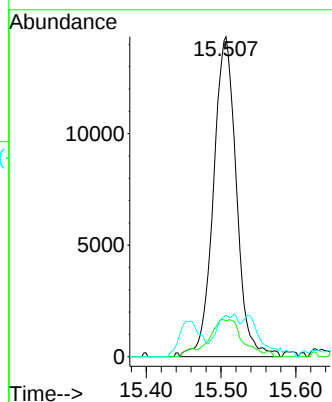
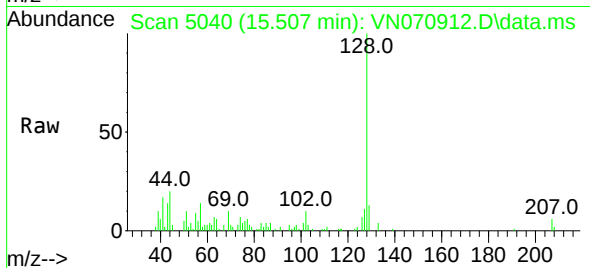
Tgt Ion:128 Resp: 30594

Ion Ratio Lower Upper

128 100

127 5.7 10.5 15.7#

129 4.8 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.885 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.002 min

Lab File: VN070912.D

Acq: 3 Feb 2022 00:31

Tgt Ion:180 Resp: 2102

Ion Ratio Lower Upper

180 100

182 111.3 47.4 142.2

145 16.1 15.0 45.1

