

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078012.D
 Acq On : 01 Jun 2023 16:01
 Operator : JC\MD
 Sample : 02958-02
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 734

Quant Time: Jun 02 01:52:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	380820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	697051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	629087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	226371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	256073	44.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.880%
35) Dibromofluoromethane	8.171	113	221749	48.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.571	98	850204	48.595	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.859	95	299168	48.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1335	Below Cal	#	42
10) Methyl Iodide	4.577	142	2847	0.566	ug/l #	84
11) Tert butyl alcohol	5.500	59	17981	22.865	ug/l #	73
13) Acrolein	4.177	56	400	Below Cal	#	62
14) Allyl chloride	5.030	41	14839	2.522	ug/l #	25
15) Acrylonitrile	5.736	53	897	0.427	ug/l #	90
16) Acetone	4.448	43	72979	40.709	ug/l	94
17) Carbon Disulfide	4.689	76	3665	0.340	ug/l #	50
18) Methyl Acetate	5.030	43	858037	114.092	ug/l	89
20) Methylene Chloride	5.259	84	8637	Below Cal	#	78
25) 2-Butanone	7.500	43	3432	1.224	ug/l	96
29) Tetrahydrofuran	7.859	42	1328	0.723	ug/l #	71
31) Cyclohexane	8.230	56	8760	1.131	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	32666	4.913	ug/l #	47
38) Carbon Tetrachloride	8.230	117	41901	6.241	ug/l #	15
49) 1,4-Dioxane	9.718	88	66	0.761	ug/l #	1
51) 4-Methyl-2-Pentanone	10.459	43	2618	0.455	ug/l #	77
52) Toluene	10.635	92	3428	0.281	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	4212	1.168	ug/l	92
59) 2-Hexanone	11.206	43	3415	0.802	ug/l	91
68) m/p-Xylenes	12.076	106	5050	0.545	ug/l	81
69) o-Xylene	12.400	106	1842	0.202	ug/l	85
74) N-amyl acetate	12.476	43	1606	0.223	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.941	83	1274	0.212	ug/l #	66
76) 1,2,3-Trichloropropane	12.859	75	159305	28.100	ug/l #	1
77) Bromobenzene	12.988	156	1383	0.311	ug/l	65
81) trans-1,4-Dichloro-2-b...	12.859	75	159305	89.823	ug/l #	15
82) 4-Chlorotoluene	13.223	91	3759	0.275	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	3104	0.377	ug/l	93
88) 1,4-Dichlorobenzene	13.735	146	3104	0.380	ug/l	95
89) n-Butylbenzene	14.065	91	5341	0.358	ug/l	88
91) 1,2-Dichlorobenzene	14.117	146	3506	0.456	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.723	75	440	0.379	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	3027	0.673	ug/l	93
94) Hexachlorobutadiene	15.506	225	1302	0.698	ug/l	93
95) Naphthalene	15.653	128	10756	0.695	ug/l #	93

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.835	180	3752	0.852	ug/l #	13

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

734

Abundance

TIC: VN078012.D\data.ms

Time-->

1400000

1350000

1300000

1250000

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Acetone, T

Methyl isobutyl ketone, T

Carbon Disulfide, T

Tert butyl alcohol, T

Acrylonitrile, T

2-Butanone, T

Tetrahydrofuran, T

Dibromofluoromethane, S

1,2-Dichloroethane-d4, S

1,4-Difluorobenzene, I

1,4-Dioxane, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanone, T

Toluene, CM

2-Hexanone, T

m/p-Xylenes, T

Diethyl carbonate, T

Bromochloroethane, P

4-Chlorotoluene, T

1,2-Dichlorobenzene, T

n-Butylbenzene, T

1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

Naphthalene, I

1,2,3-Trichlorobenzene, T

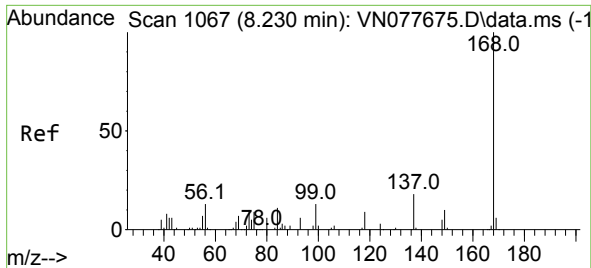
Chlorobenzene-d5, I

1,4-Dichlorobenzene-d4, I

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

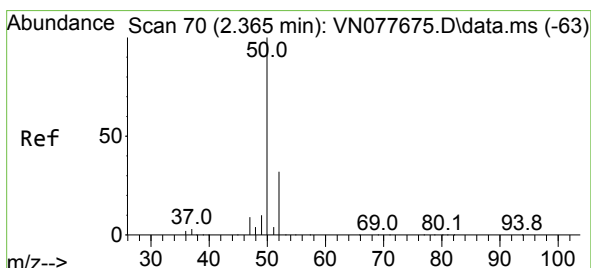
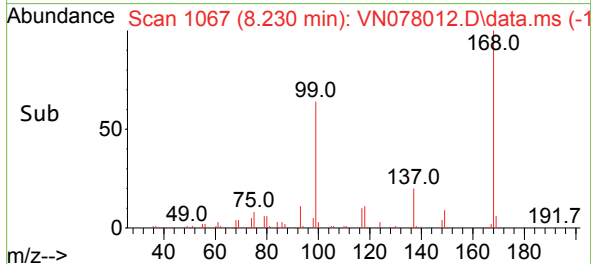
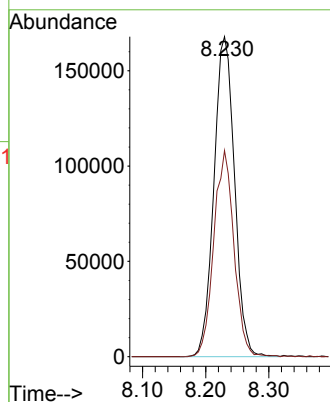
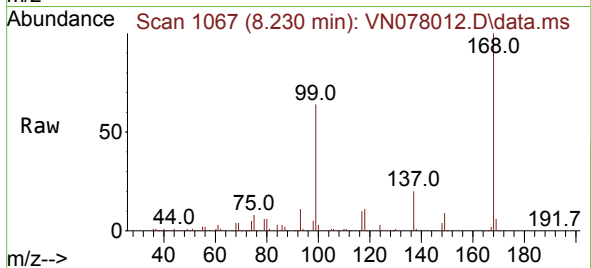
Toluene-d8, S



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

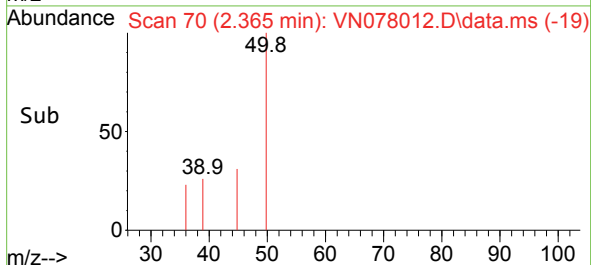
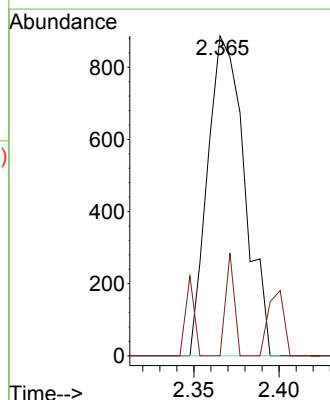
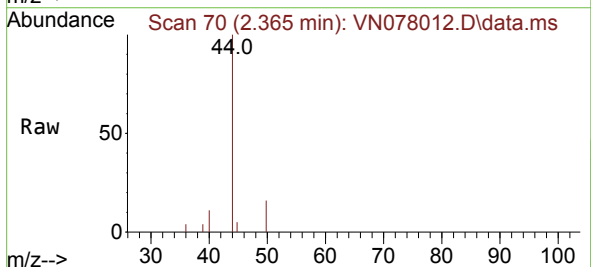
Instrument :
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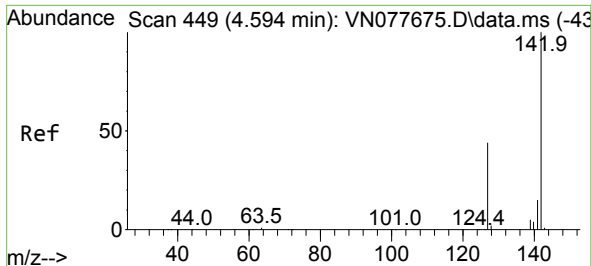
Tgt Ion:168 Resp: 380820
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

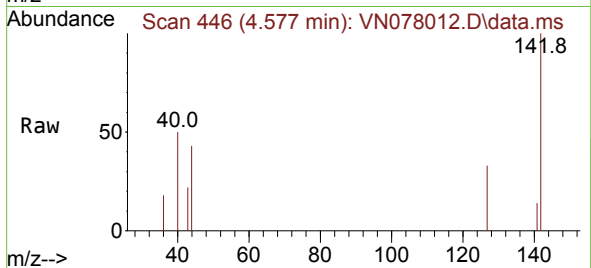
Tgt Ion: 50 Resp: 1335
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



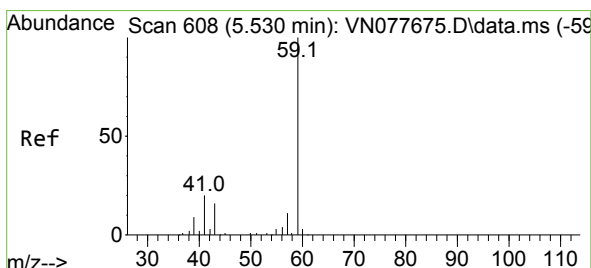
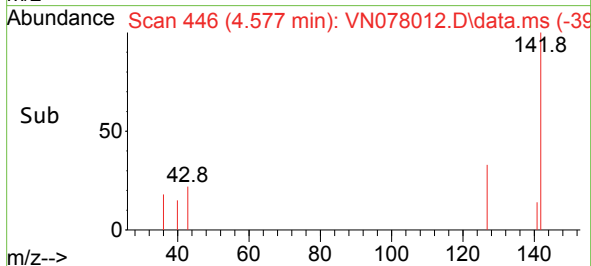
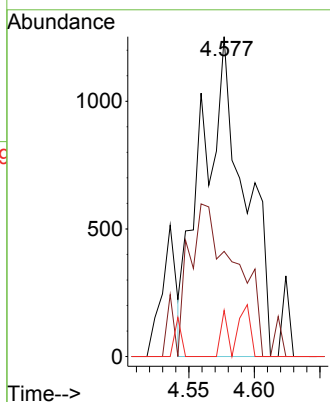


#10
Methyl Iodide
Concen: 0.566 ug/l
RT: 4.577 min Scan# 449
Delta R.T. -0.017 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Instrument :
MSVOA_N
ClientSampleId :
734

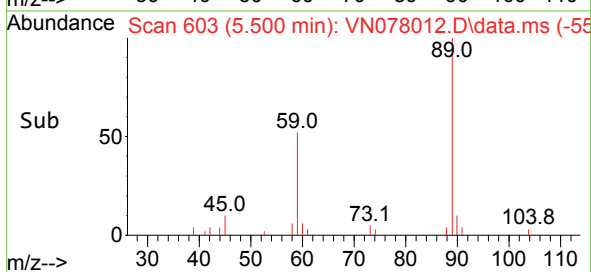
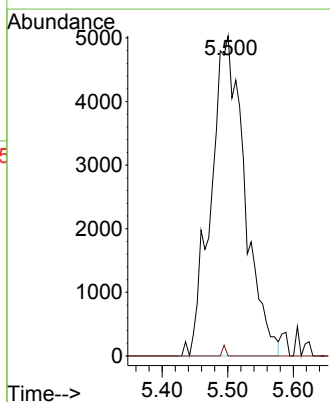
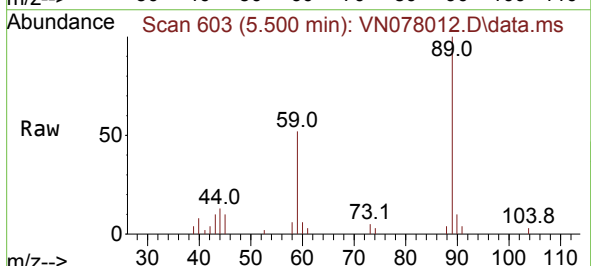


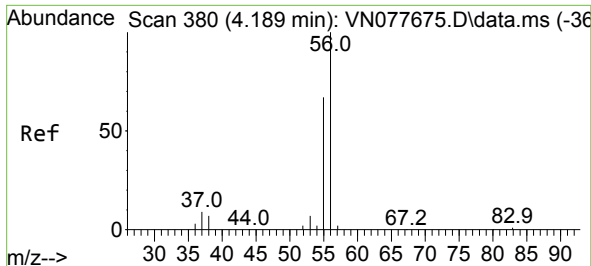
Tgt Ion:142 Resp: 2847
Ion Ratio Lower Upper
142 100
127 32.9 37.6 56.4#
141 14.4 11.4 17.0



#11
Tert butyl alcohol
Concen: 22.865 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.030 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 59 Resp: 17981
Ion Ratio Lower Upper
59 100
57 0.3 8.2 12.4#

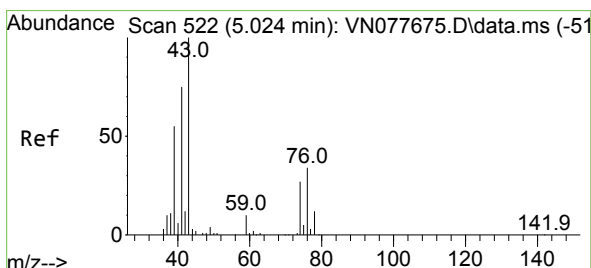
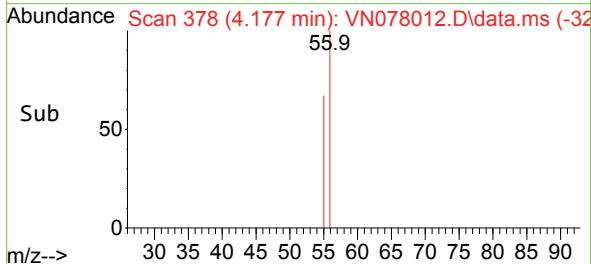
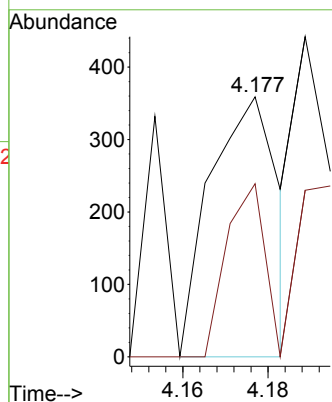
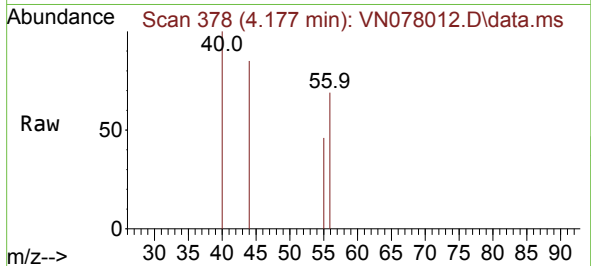




#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

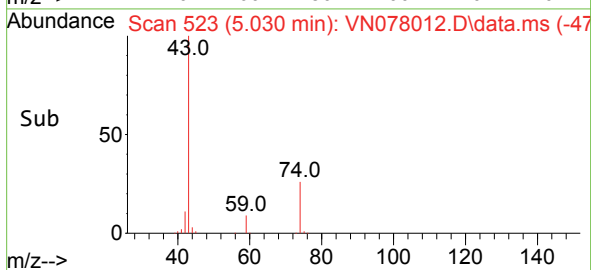
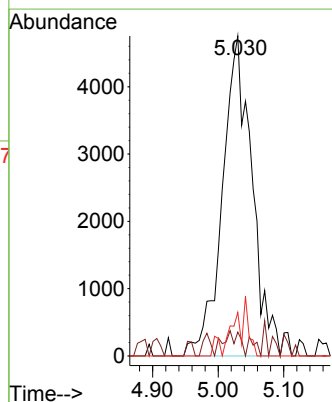
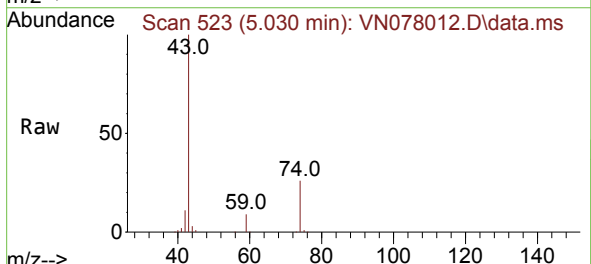
Instrument :
MSVOA_N
ClientSampleId :
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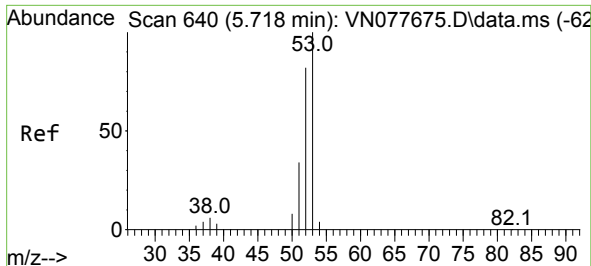
Tgt Ion: 56 Resp: 400
Ion Ratio Lower Upper
56 100
55 37.3 54.5 81.7#



#14
Allyl chloride
Concen: 2.522 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 41 Resp: 14839
Ion Ratio Lower Upper
41 100
39 4.3 58.8 88.2#
76 4.6 39.1 58.7#

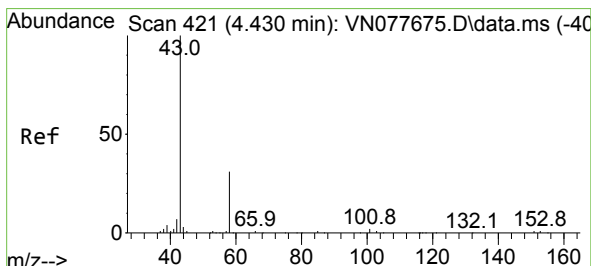
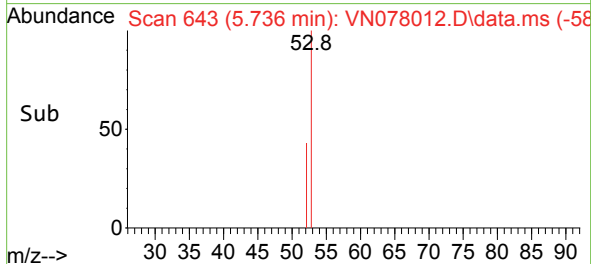
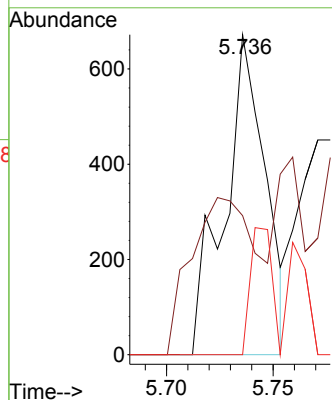
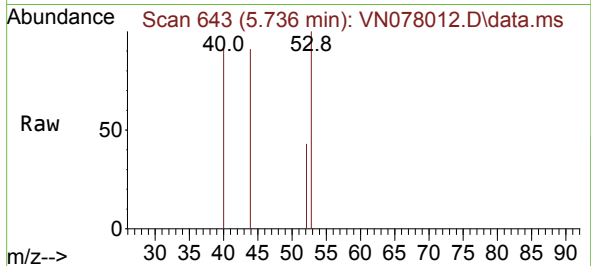




#15
Acrylonitrile
Concen: 0.427 ug/l
RT: 5.736 min Scan# 640
Delta R.T. 0.018 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

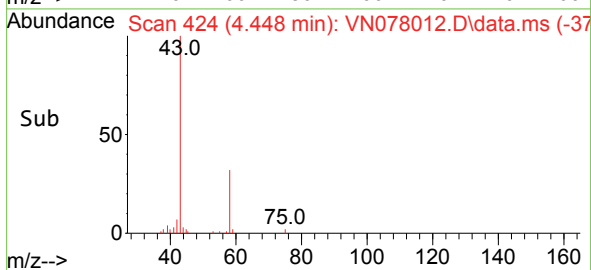
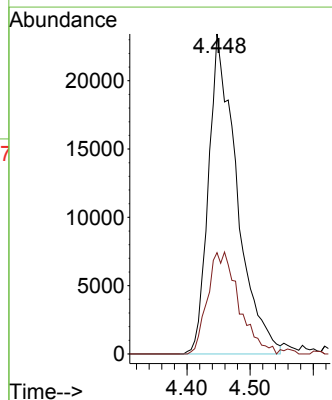
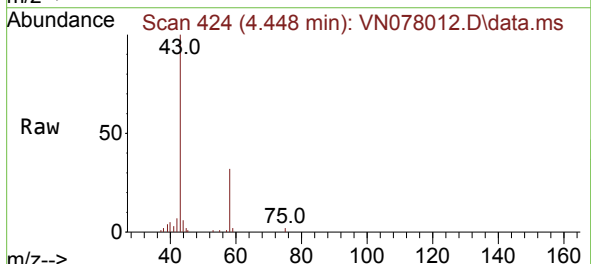
Instrument :
MSVOA_N
ClientSampleId :
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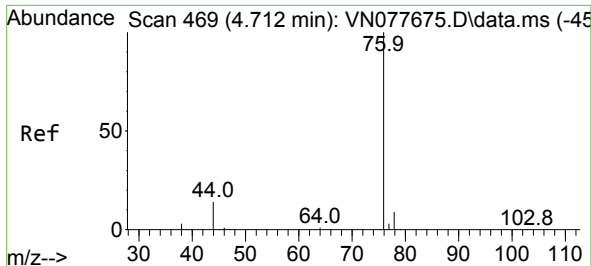
Tgt Ion: 53 Resp: 897
Ion Ratio Lower Upper
53 100
52 79.0 65.3 97.9
51 20.8 28.9 43.3#



#16
Acetone
Concen: 40.709 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 43 Resp: 72979
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

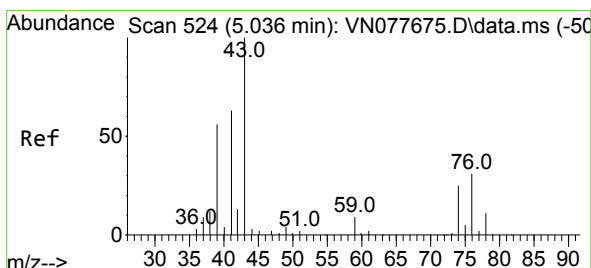
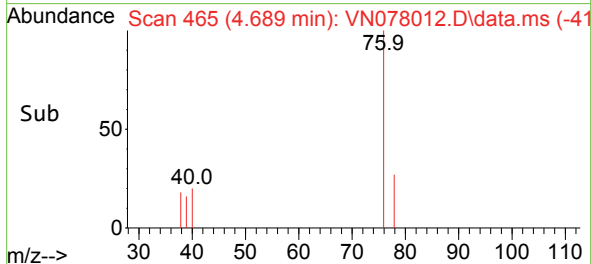
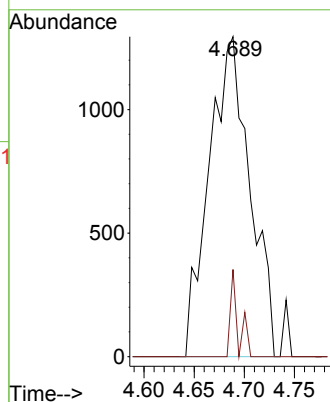
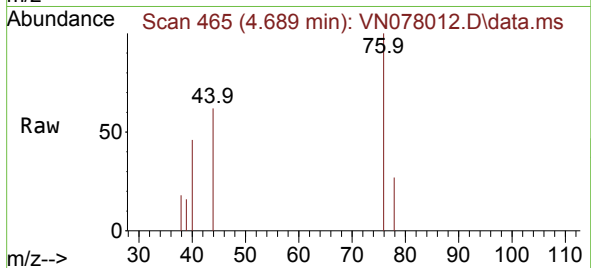




#17
Carbon Disulfide
Concen: 0.340 ug/l
RT: 4.689 min Scan# 41
Delta R.T. -0.023 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

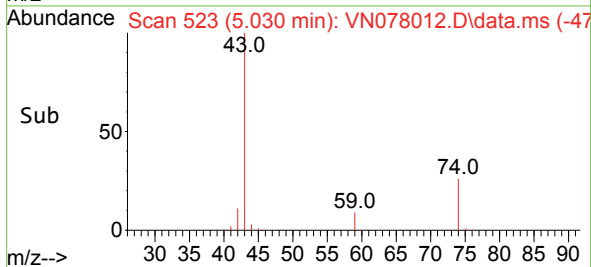
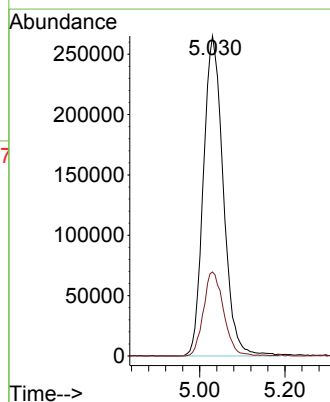
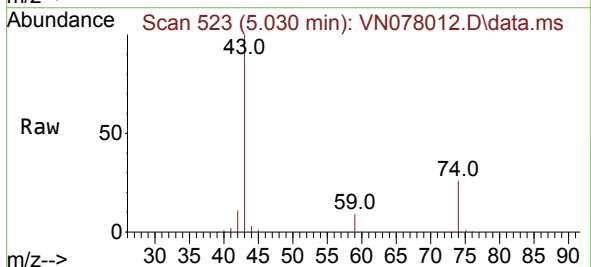
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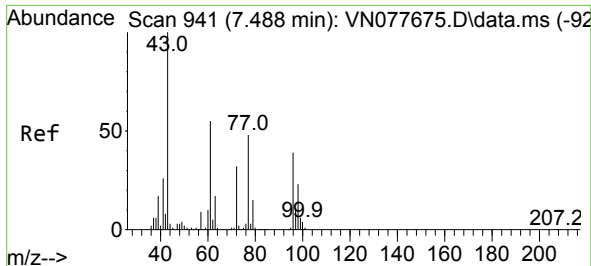
Tgt Ion: 76 Resp: 3665
Ion Ratio Lower Upper
76 100
78 27.3 7.4 11.0#



#18
Methyl Acetate
Concen: 114.092 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 43 Resp: 858037
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4

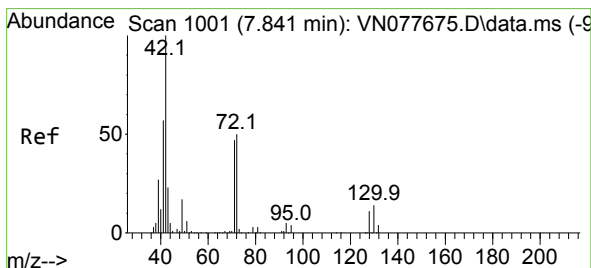
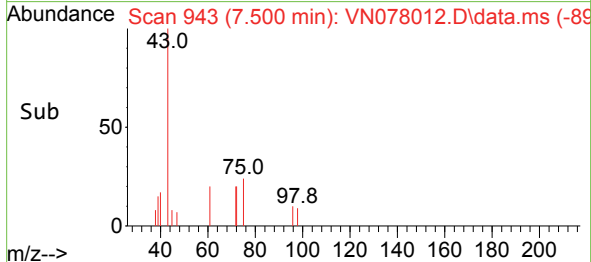
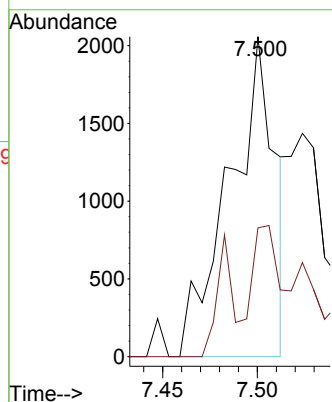
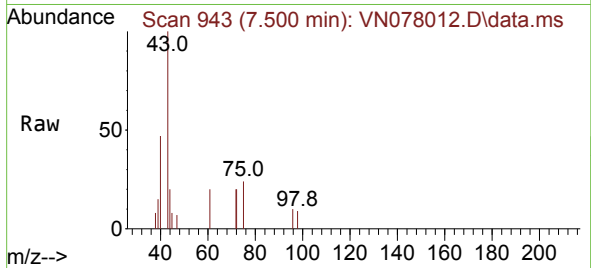




#25
2-Butanone
Concen: 1.224 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

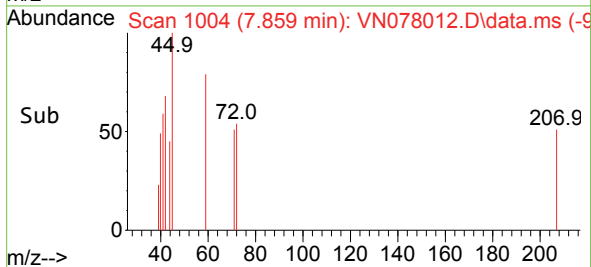
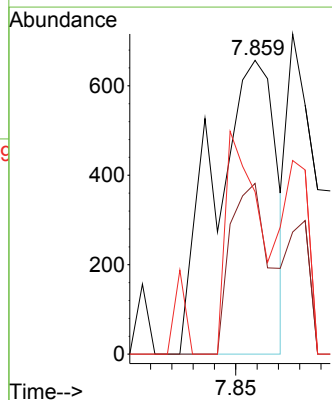
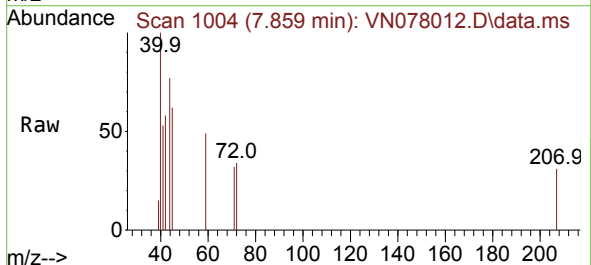
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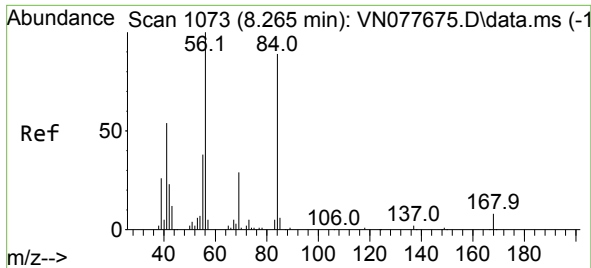
Tgt Ion: 43 Resp: 3432
Ion Ratio Lower Upper
43 100
72 40.2 30.2 45.2



#29
Tetrahydrofuran
Concen: 0.723 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.018 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 42 Resp: 1328
Ion Ratio Lower Upper
42 100
72 37.5 49.8 74.6#
71 39.5 47.4 71.2#

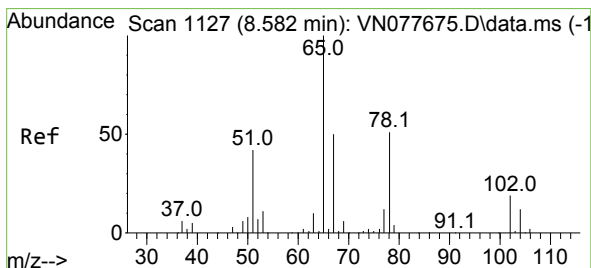
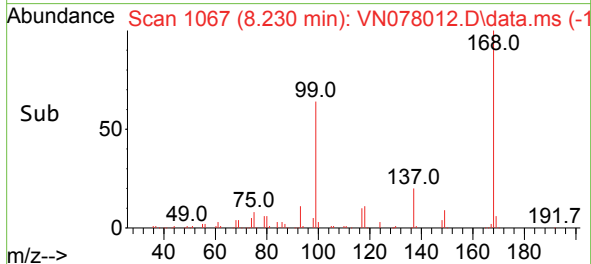
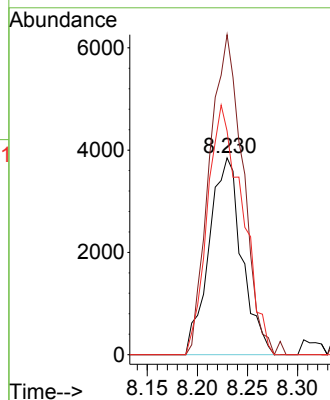
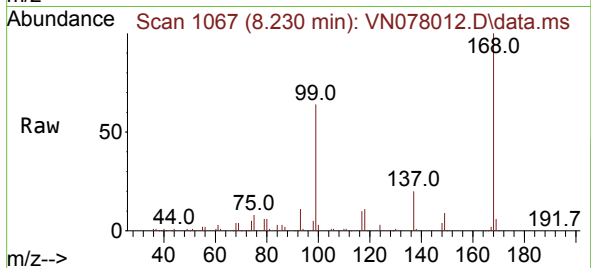




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

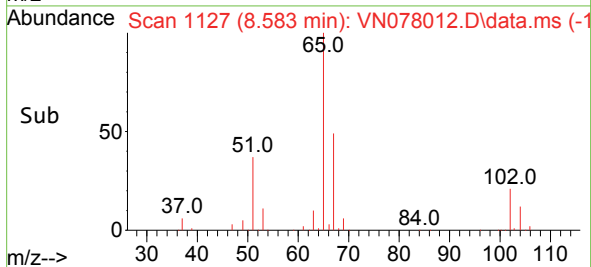
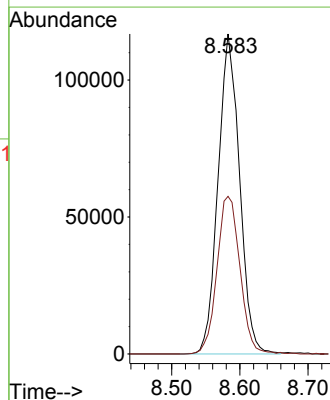
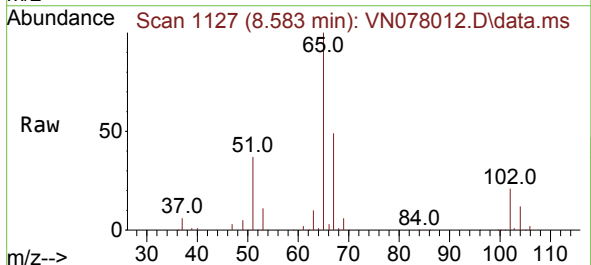
Instrument :
MSVOA_N
ClientSampleId :
734

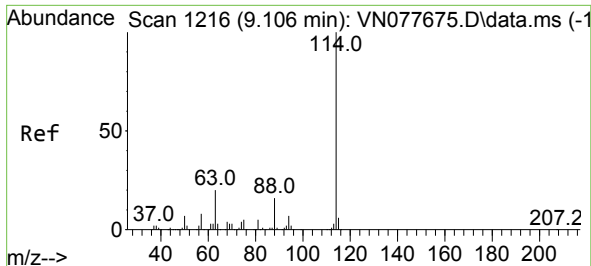
Tgt Ion: 56 Resp: 8760
Ion Ratio Lower Upper
56 100
69 162.5 26.8 40.2#
84 113.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 44.941 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 65 Resp: 256073
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

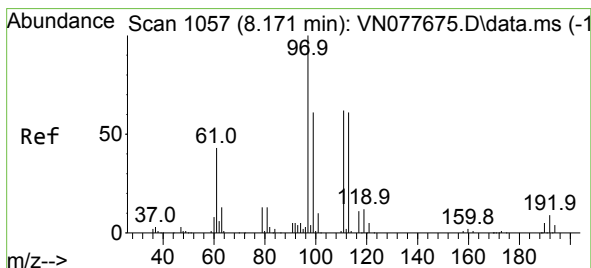
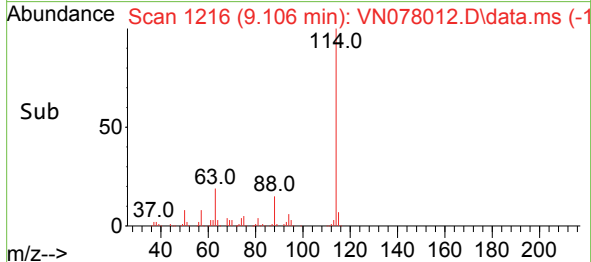
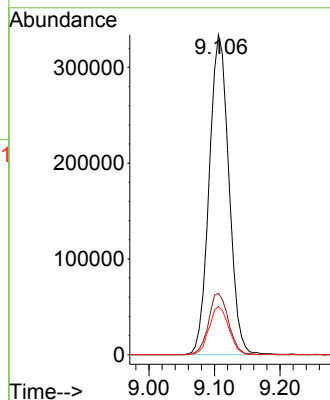
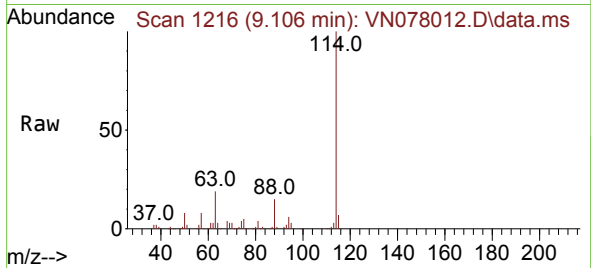




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

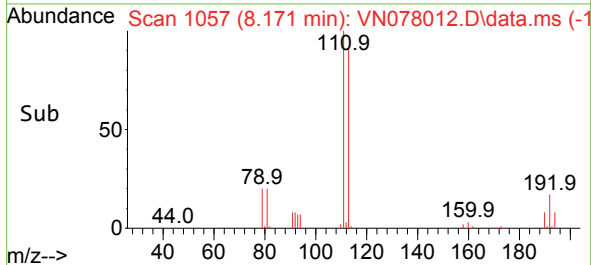
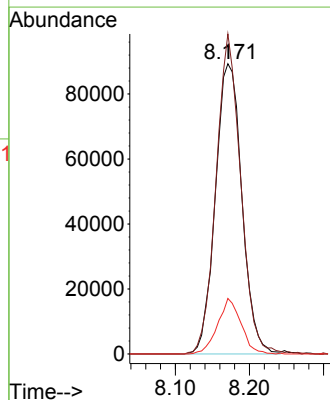
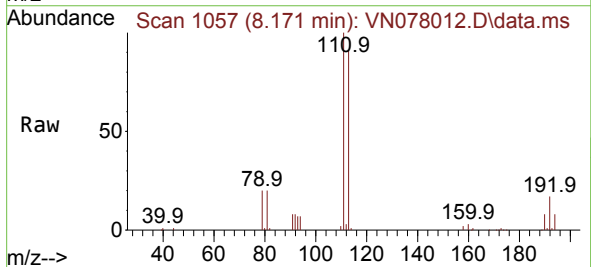
Instrument :
MSVOA_N
ClientSampleId :
734

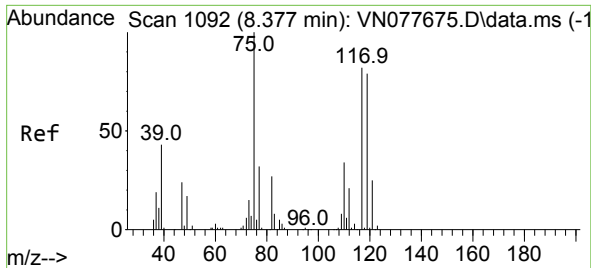
Tgt Ion:114 Resp: 697051
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion:113 Resp: 221749
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 16.9 12.7 19.1

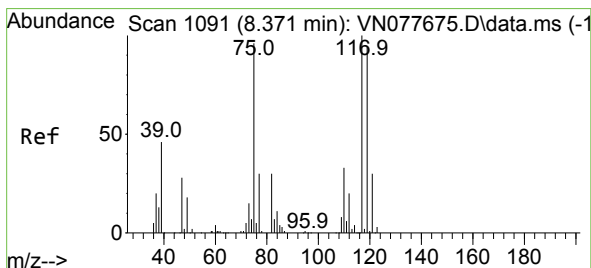
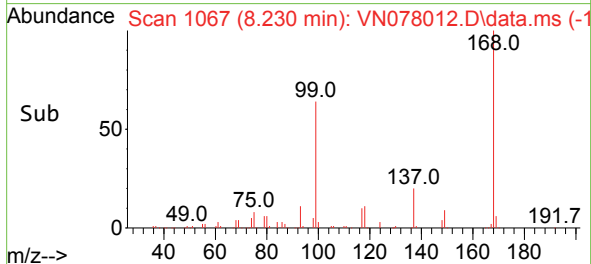
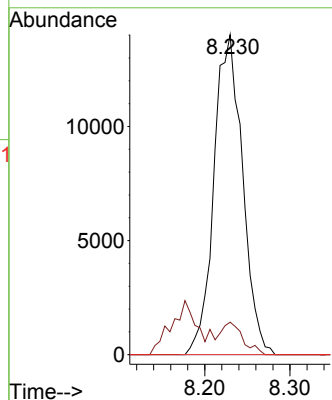
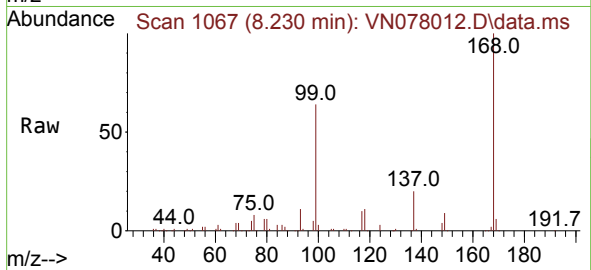




#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

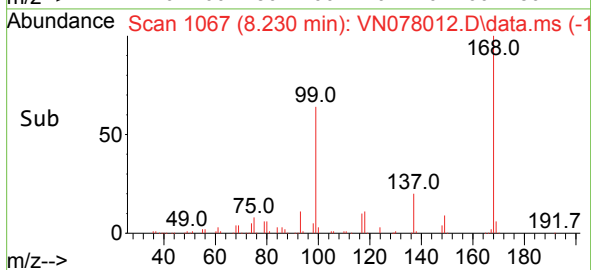
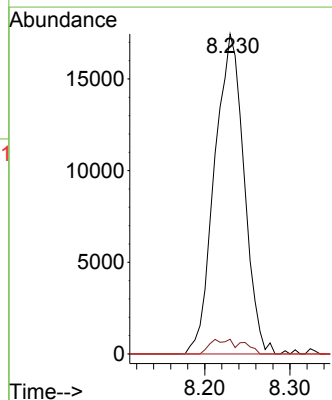
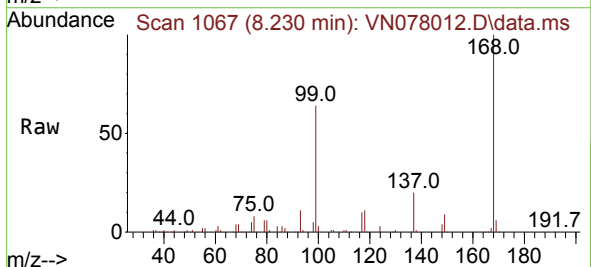
Instrument :
MSVOA_N
ClientSampleId :
734

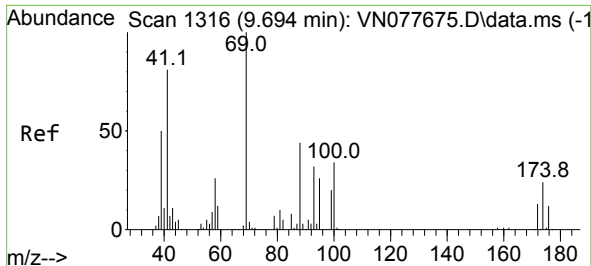
Tgt Ion: 75 Resp: 32666
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 117 Resp: 41901
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 23.3 34.9#





#49

1,4-Dioxane

Concen: 0.761 ug/l

RT: 9.718 min Scan# 11

Delta R.T. 0.024 min

Lab File: VN078012.D

Acq: 01 Jun 2023 16:01

Instrument :

MSVOA_N

ClientSampleId :

734

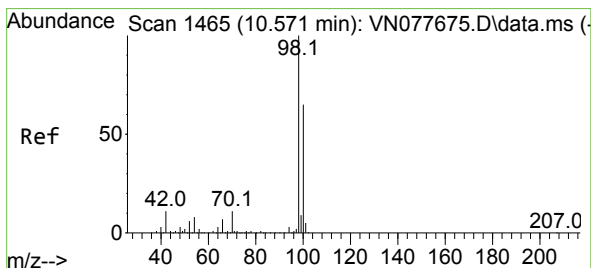
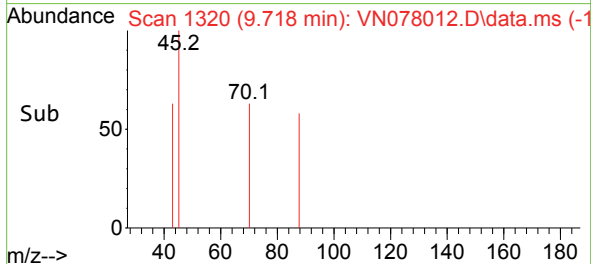
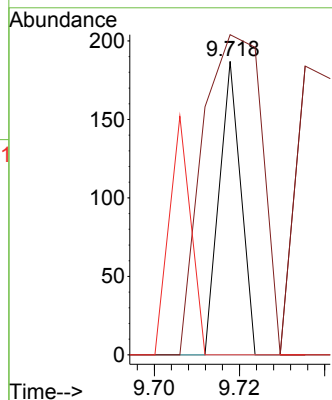
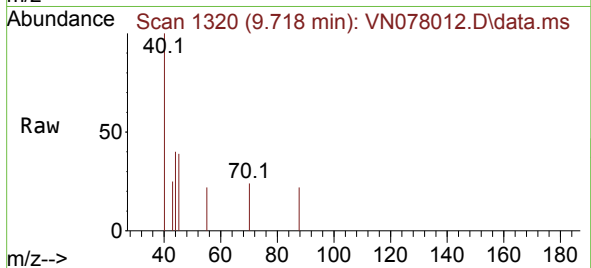
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 298.5 17.0 25.6#

58 81.8 47.0 70.4#



#50

Toluene-d8

Concen: 48.595 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078012.D

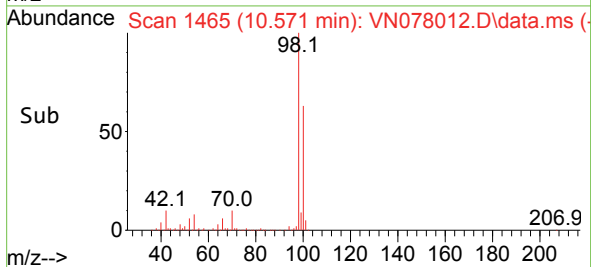
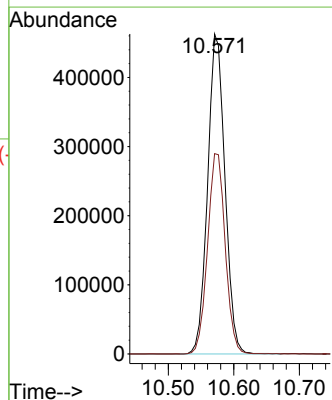
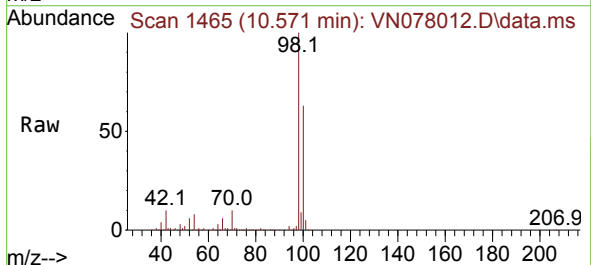
Acq: 01 Jun 2023 16:01

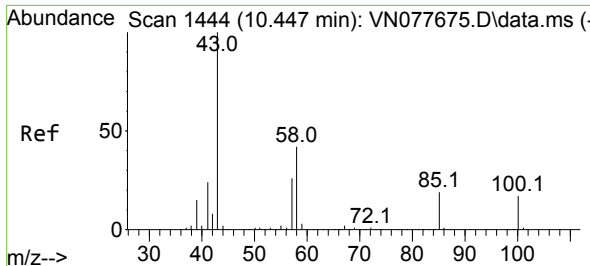
Tgt Ion: 98 Resp: 850204

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

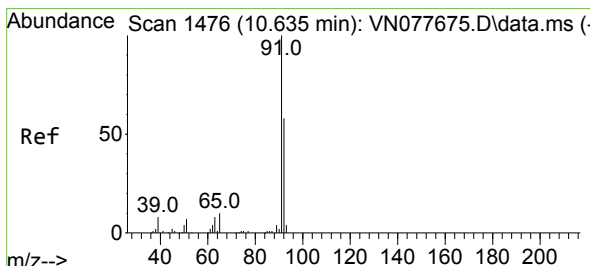
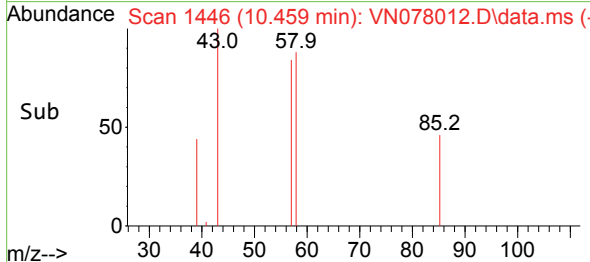
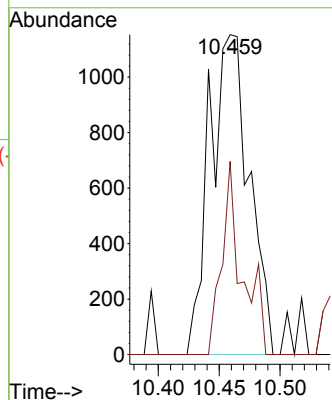
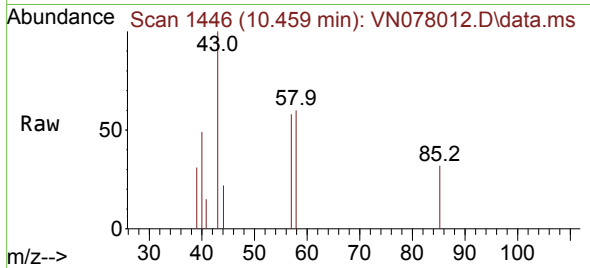




#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

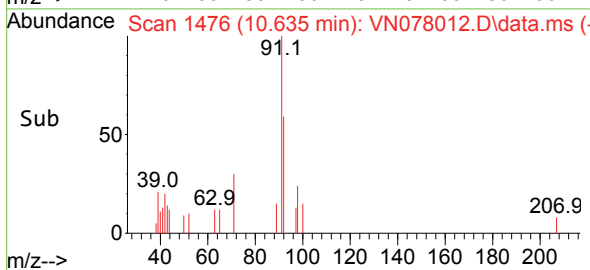
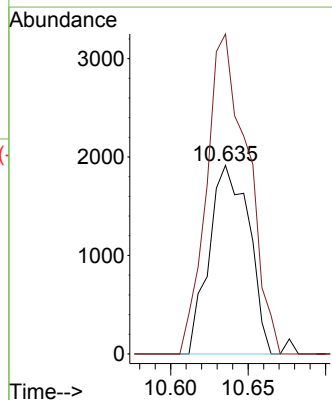
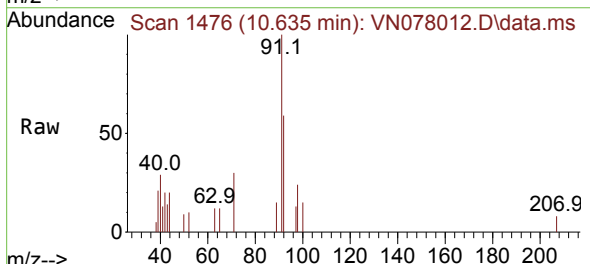
Instrument :
MSVOA_N
ClientSampleId :
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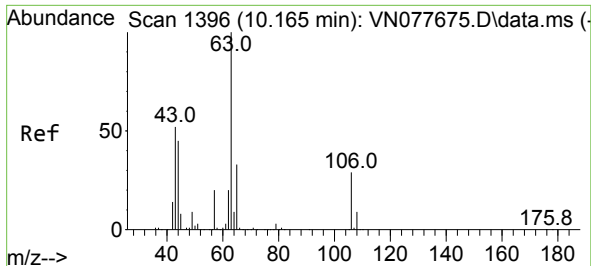
Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
58 30.9 36.6 54.8#



#52
Toluene
Concen: 0.281 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 92 Resp: 3428
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0

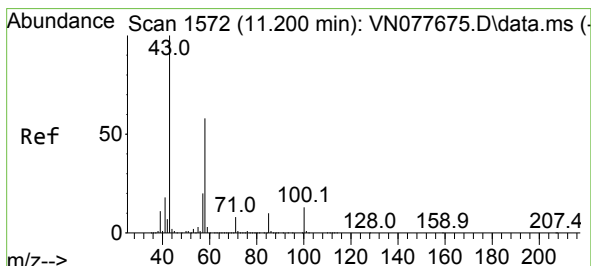
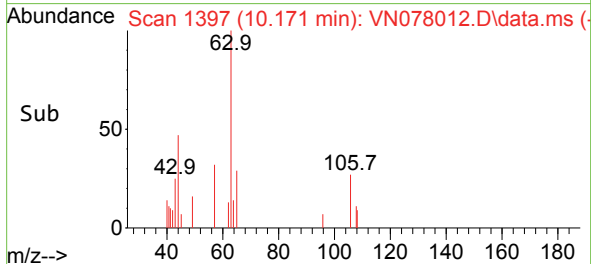
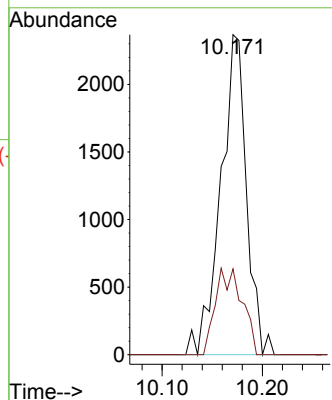
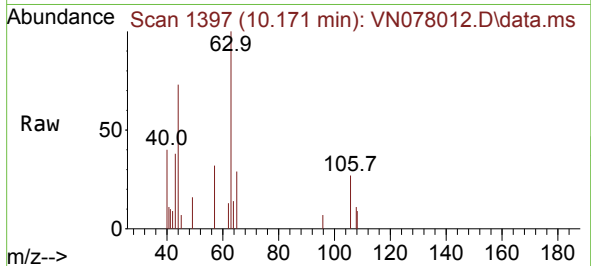




#58
2-Chloroethyl Vinyl ether
Concen: 1.168 ug/l
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

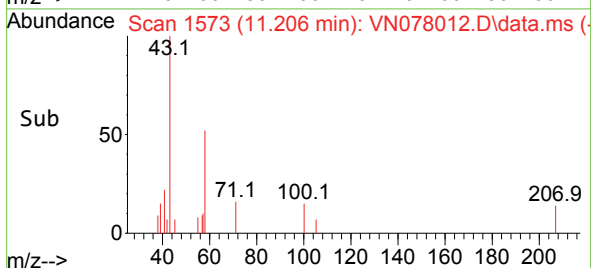
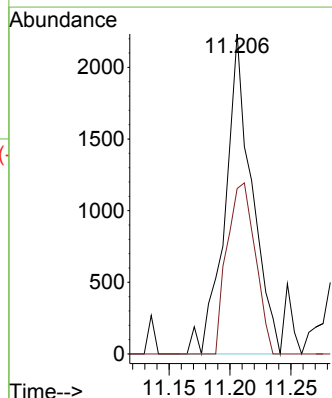
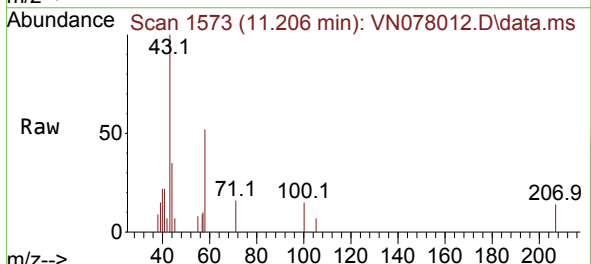
Instrument :
MSVOA_N
ClientSampleId :
734

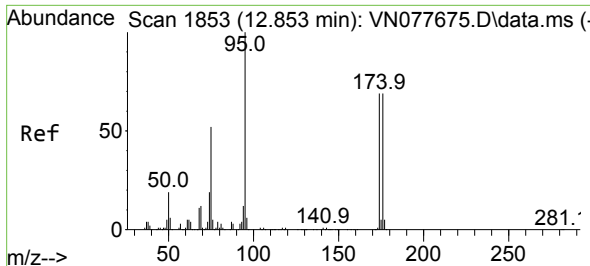
Tgt Ion: 63 Resp: 4212
Ion Ratio Lower Upper
63 100
106 28.1 26.2 39.4



#59
2-Hexanone
Concen: 0.802 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 43 Resp: 3415
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1

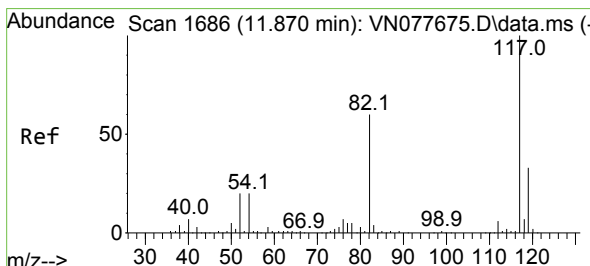
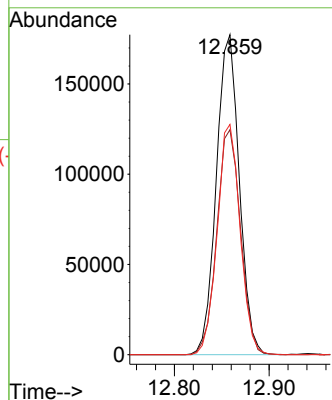
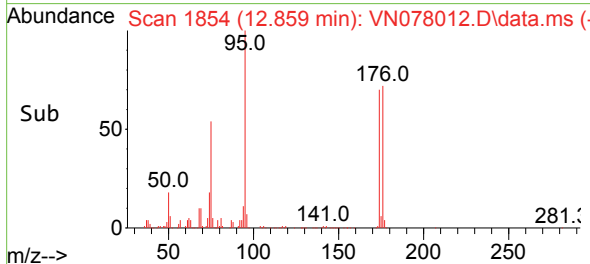
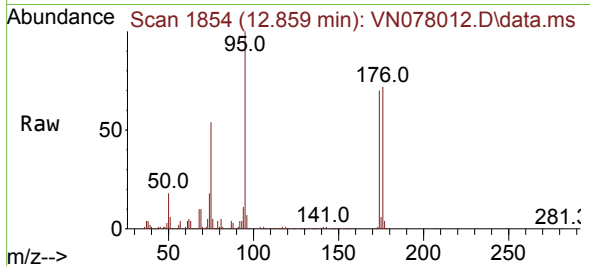




#62
4-Bromofluorobenzene
Concen: 48.416 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

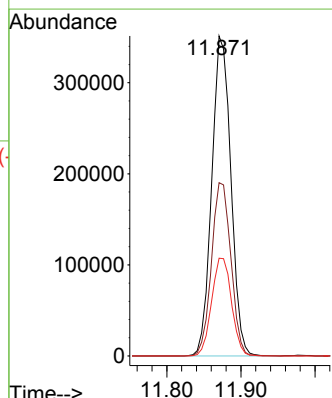
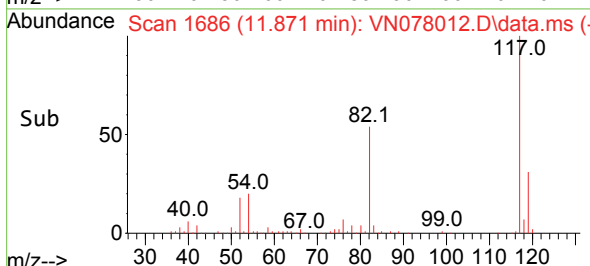
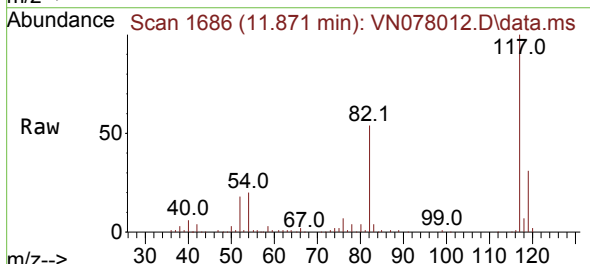
Instrument :
MSVOA_N
ClientSampleId :
734

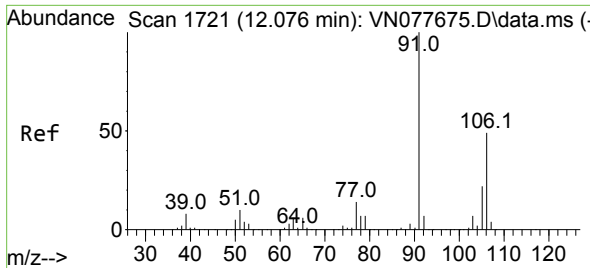
Tgt Ion: 95 Resp: 299168
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 117 Resp: 629087
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 30.6 25.6 38.4

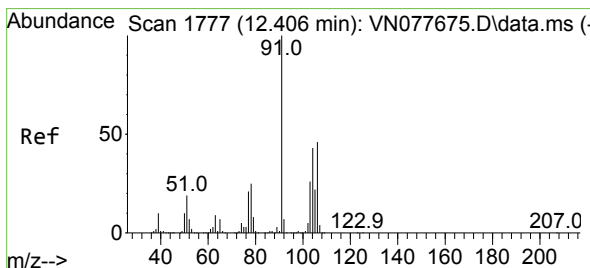
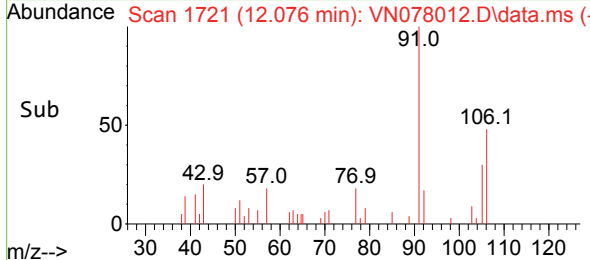
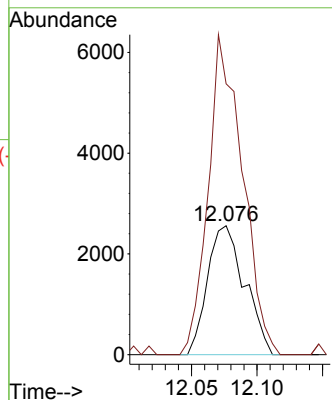
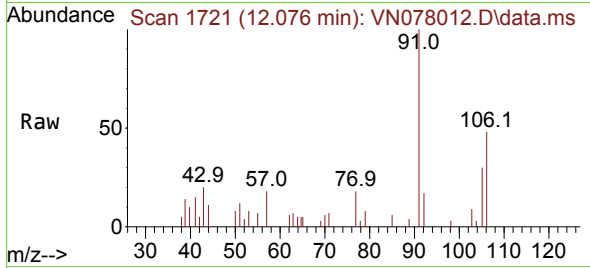




#68
m/p-Xylenes
Concen: 0.545 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

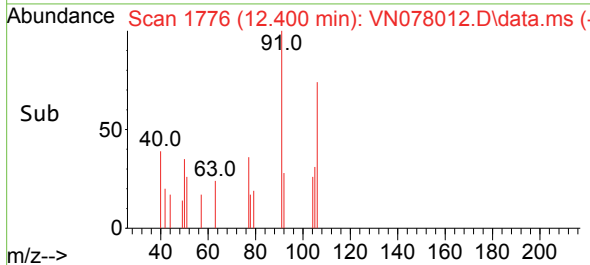
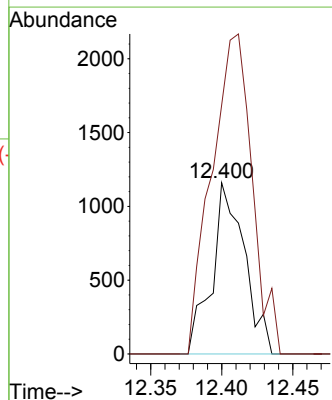
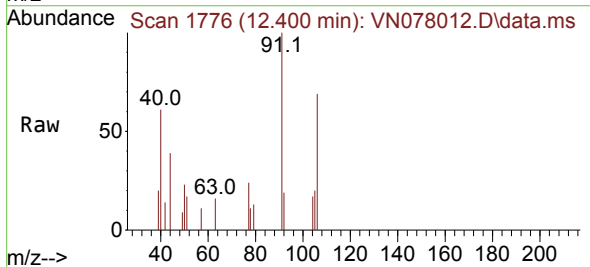
Instrument :
MSVOA_N
ClientSampleId :
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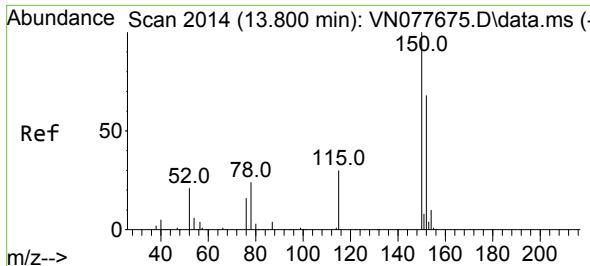
Tgt Ion:106 Resp: 5050
Ion Ratio Lower Upper
106 100
91 228.7 159.6 239.4



#69
o-Xylene
Concen: 0.202 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion:106 Resp: 1842
Ion Ratio Lower Upper
106 100
91 233.9 105.2 315.5

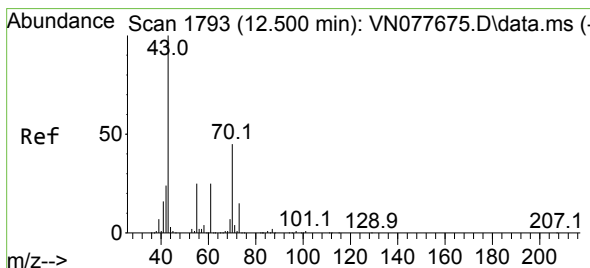
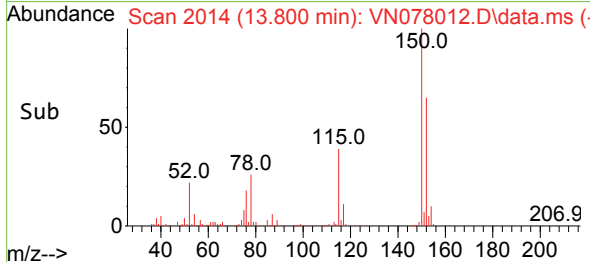
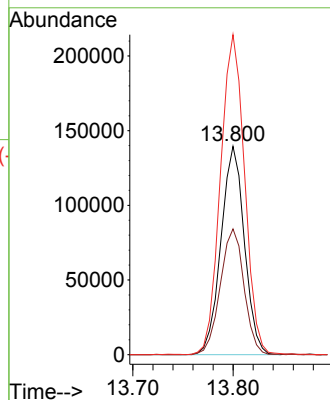
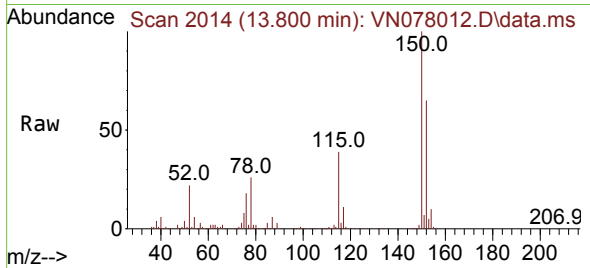




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

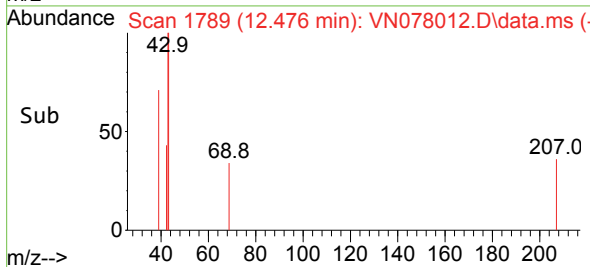
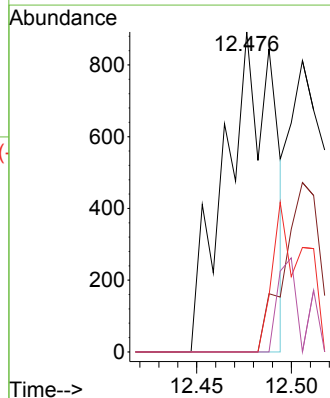
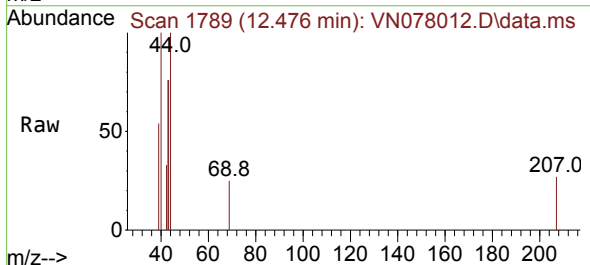
Instrument :
MSVOA_N
ClientSampleId :
734

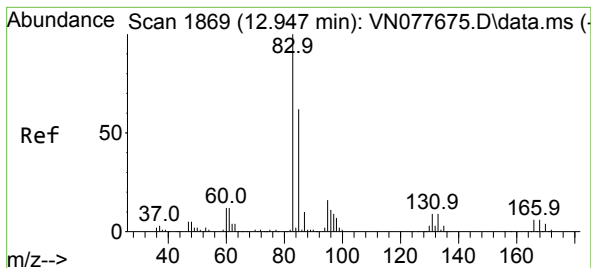
Tgt Ion:152 Resp: 226371
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 158.3 0.0 355.8



#74
N-ethyl acetate
Concen: 0.223 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.024 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.212 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN078012.D

Acq: 01 Jun 2023 16:01

Instrument :

MSVOA_N

ClientSampleId :

734

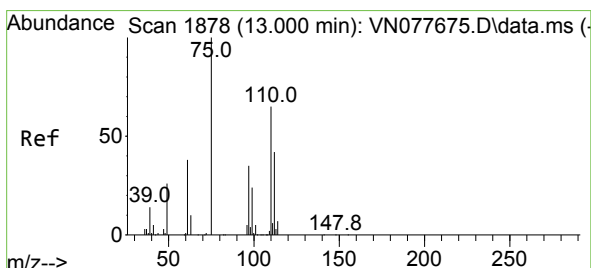
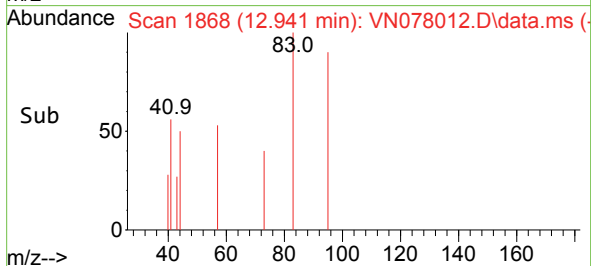
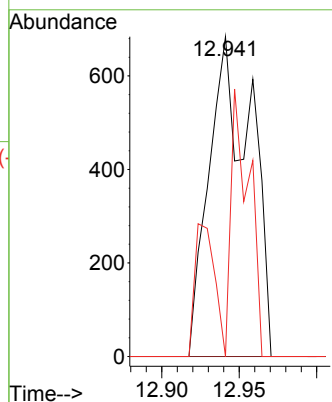
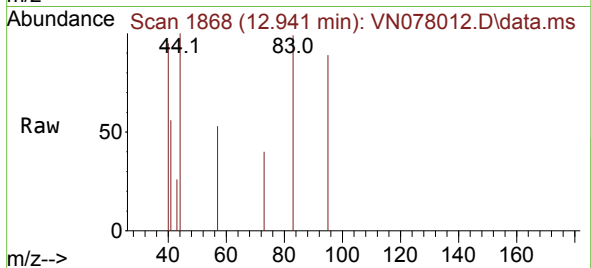
Tgt Ion: 83 Resp: 1274

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 36.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.100 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. -0.141 min

Lab File: VN078012.D

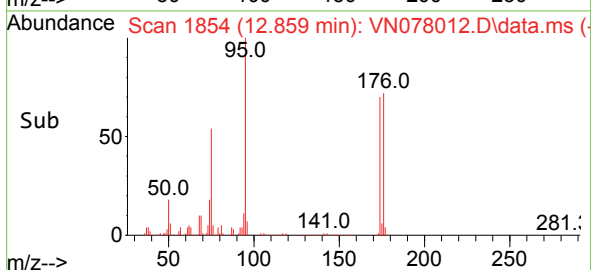
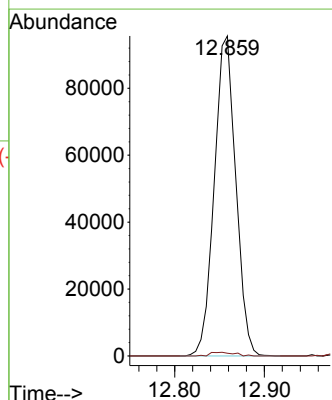
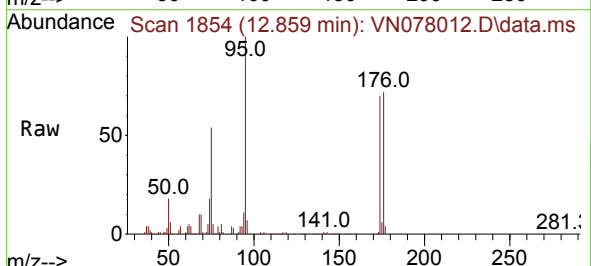
Acq: 01 Jun 2023 16:01

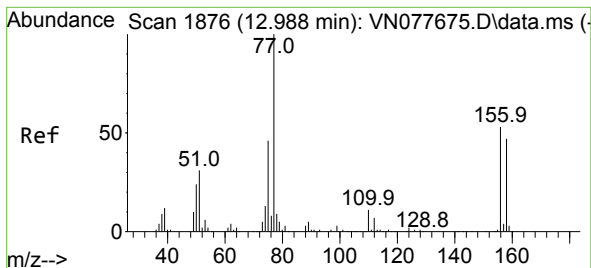
Tgt Ion: 75 Resp: 159305

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#





#77

Bromobenzene

Concen: 0.311 ug/l

RT: 12.988 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078012.D

Acq: 01 Jun 2023 16:01

Instrument :

MSVOA_N

ClientSampleId :

734

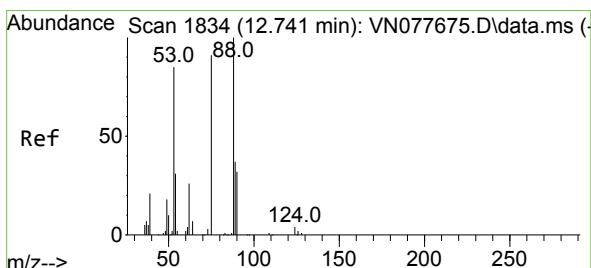
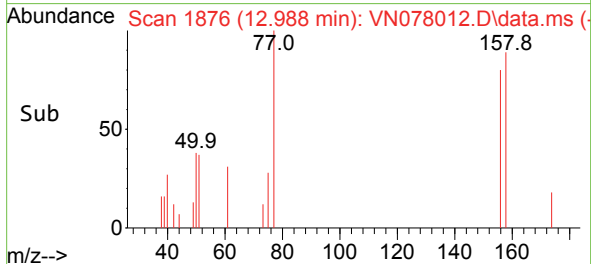
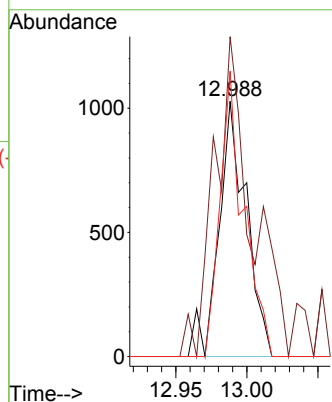
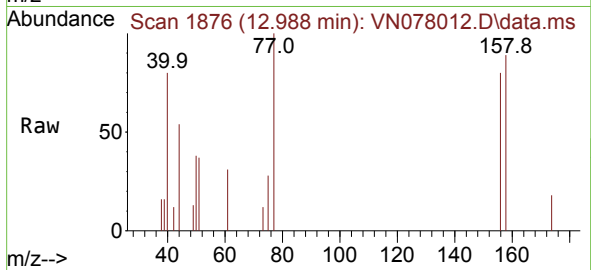
Tgt Ion:156 Resp: 1383

Ion Ratio Lower Upper

156 100

77 134.2 107.7 323.3

158 96.8 48.4 145.3



#81

trans-1,4-Dichloro-2-butene

Concen: 89.823 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.118 min

Lab File: VN078012.D

Acq: 01 Jun 2023 16:01

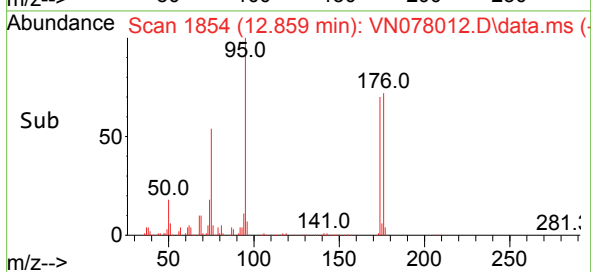
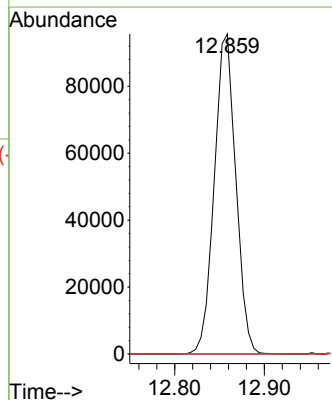
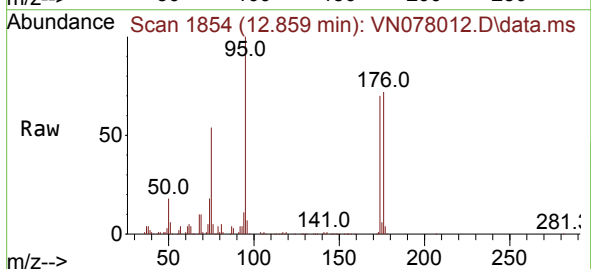
Tgt Ion: 75 Resp: 159305

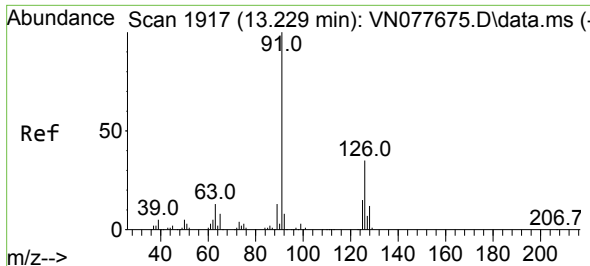
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

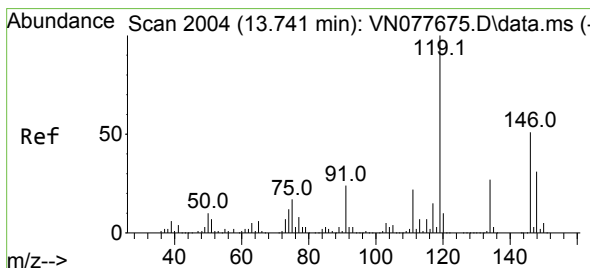
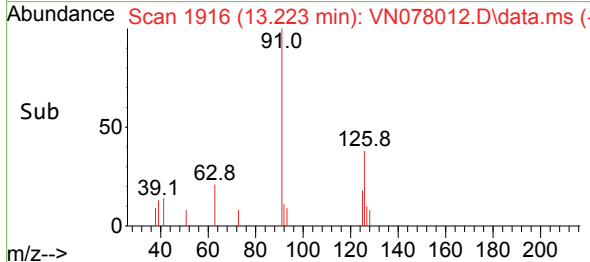
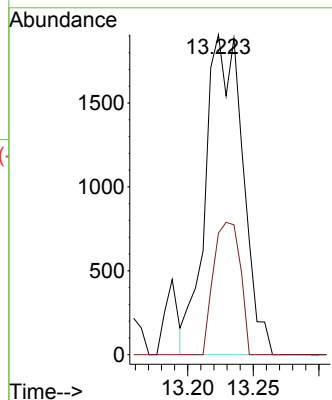
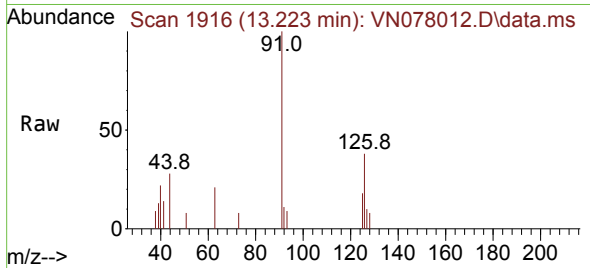




#82
4-Chlorotoluene
Concen: 0.275 ug/l
RT: 13.223 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

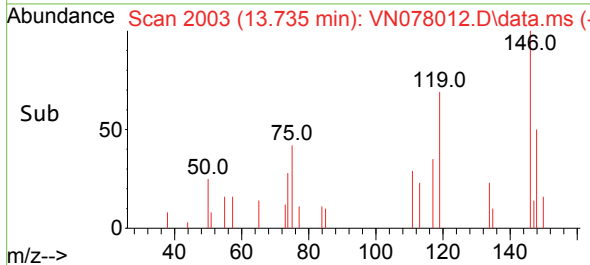
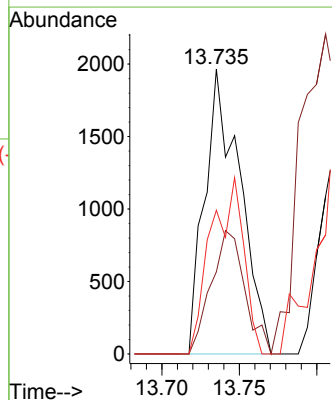
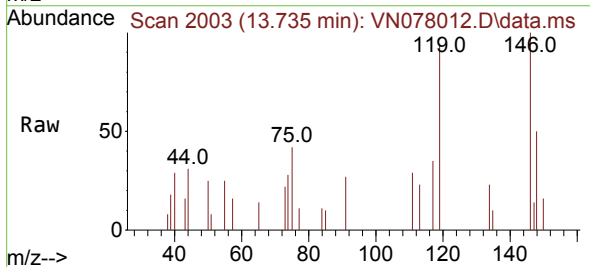
Instrument :
MSVOA_N
ClientSampleId :
734

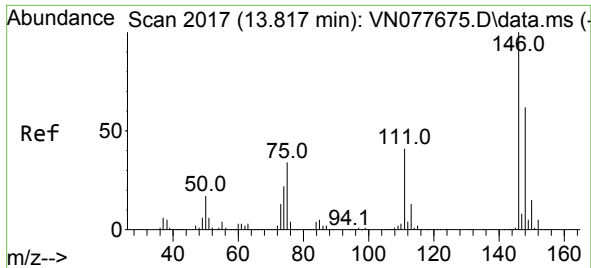
Tgt Ion: 91 Resp: 3759
Ion Ratio Lower Upper
91 100
126 29.7 16.7 50.0



#87
1,3-Dichlorobenzene
Concen: 0.377 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 146 Resp: 3104
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.3
148 57.3 32.0 96.0

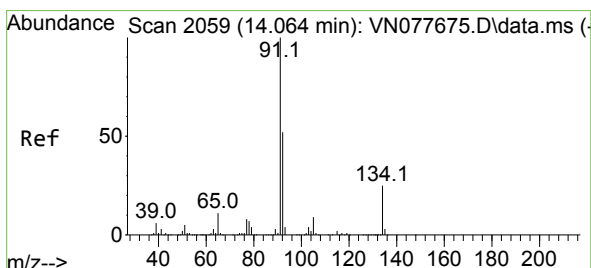
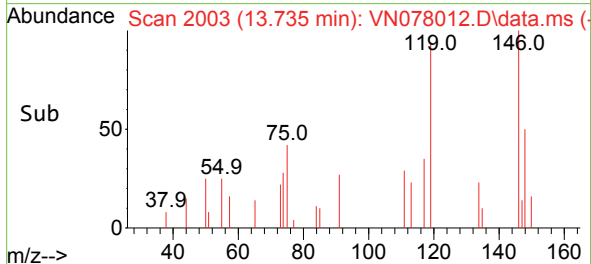
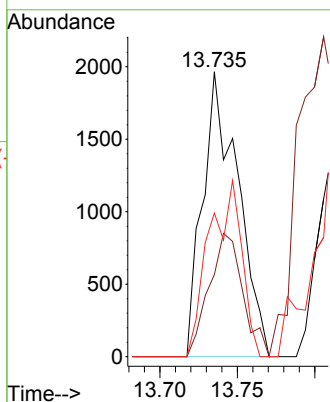
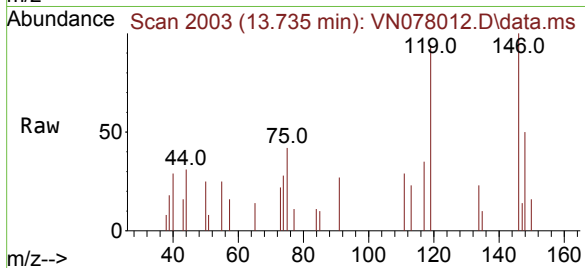




#88
1,4-Dichlorobenzene
Concen: 0.380 ug/l
RT: 13.735 min Scan# 2017
Delta R.T. -0.082 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

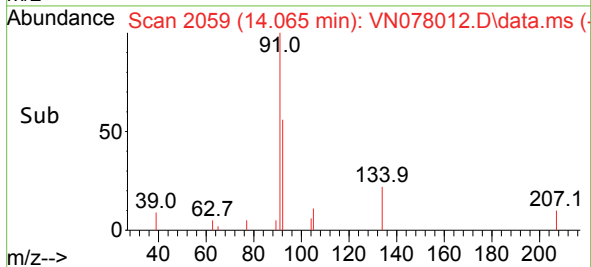
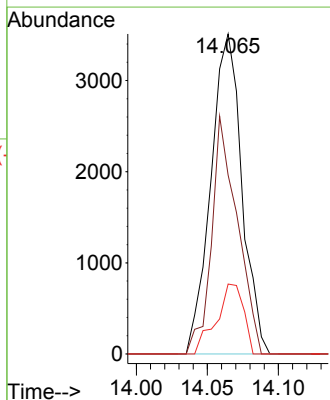
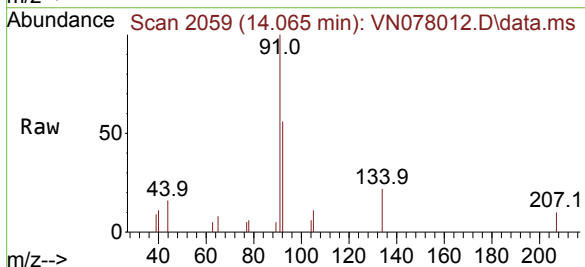
Instrument :
MSVOA_N
ClientSampleId :
734

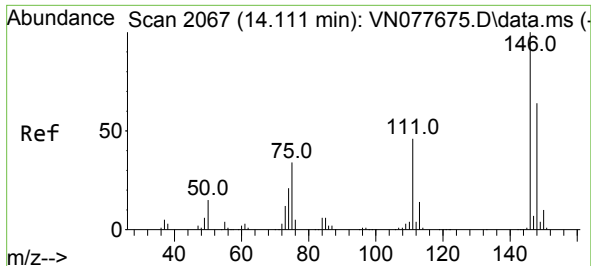
Tgt Ion:146 Resp: 3104
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 57.3 31.6 94.8



#89
n-Butylbenzene
Concen: 0.358 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion: 91 Resp: 5341
Ion Ratio Lower Upper
91 100
92 61.5 26.4 79.0
134 19.1 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.456 ug/l

RT: 14.117 min Scan# 2068

Delta R.T. 0.006 min

Lab File: VN078012.D

Acq: 01 Jun 2023 16:01

Instrument :

MSVOA_N

ClientSampleId :

734

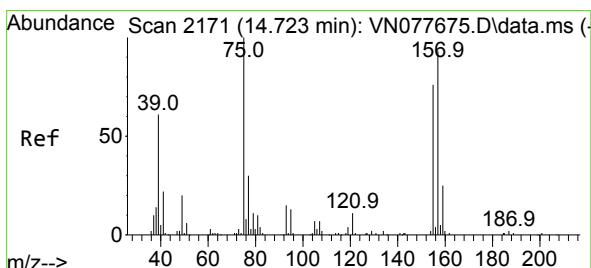
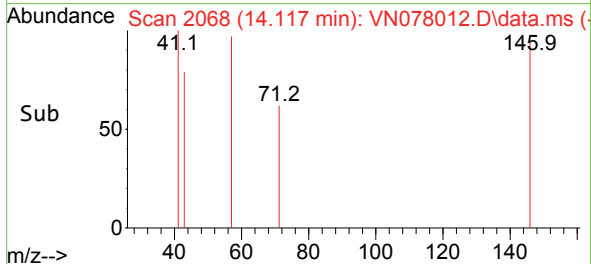
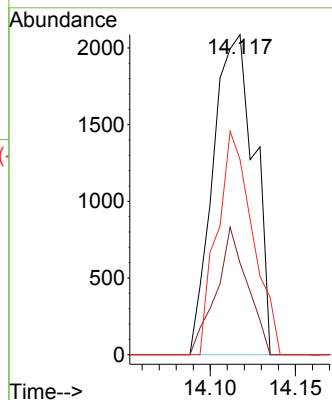
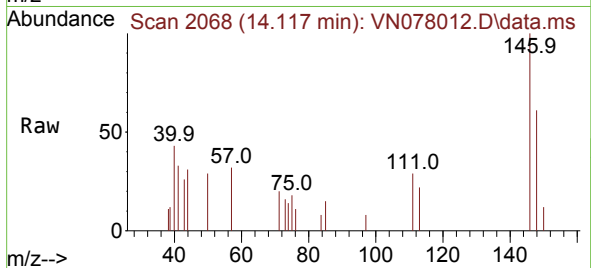
Tgt Ion:146 Resp: 3506

Ion Ratio Lower Upper

146 100

111 30.2 22.0 66.0

148 60.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.379 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078012.D

Acq: 01 Jun 2023 16:01

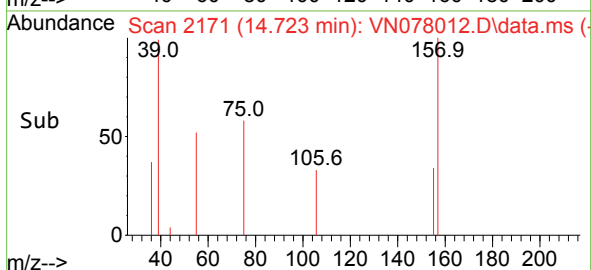
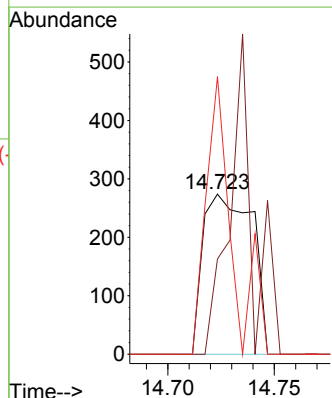
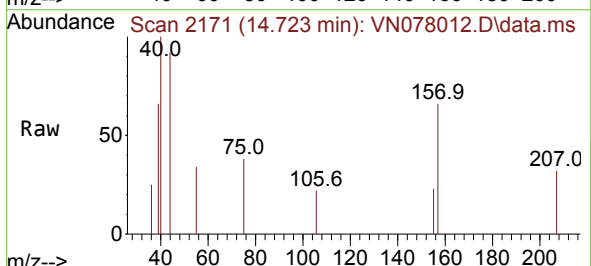
Tgt Ion: 75 Resp: 440

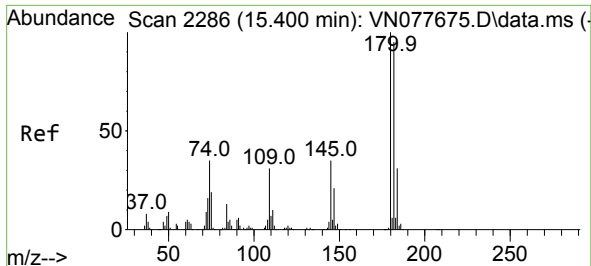
Ion Ratio Lower Upper

75 100

155 93.9 39.1 117.2

157 91.8 50.3 150.9

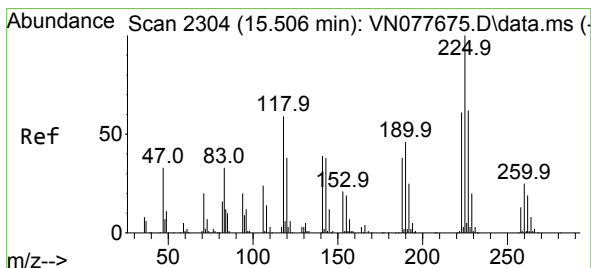
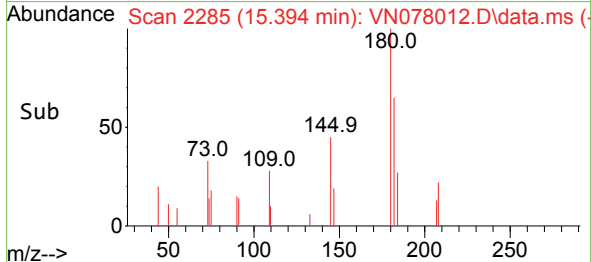
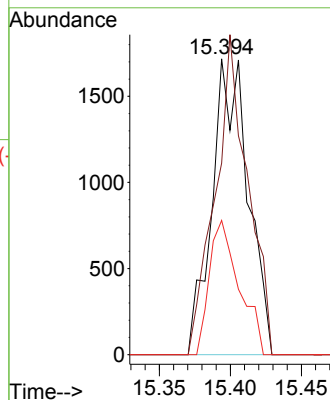
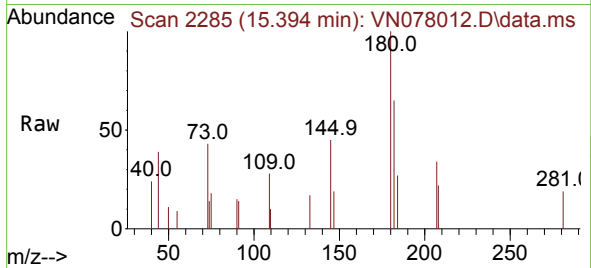




#93
1,2,4-Trichlorobenzene
Concen: 0.673 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

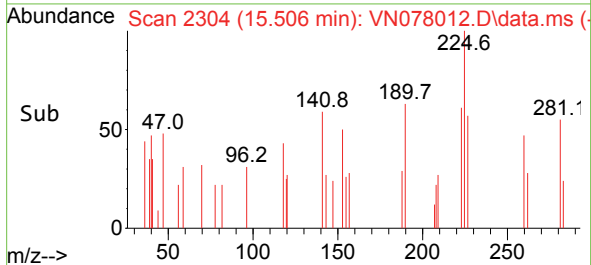
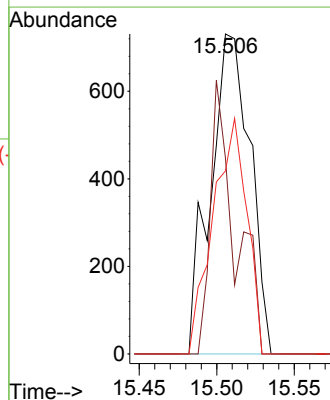
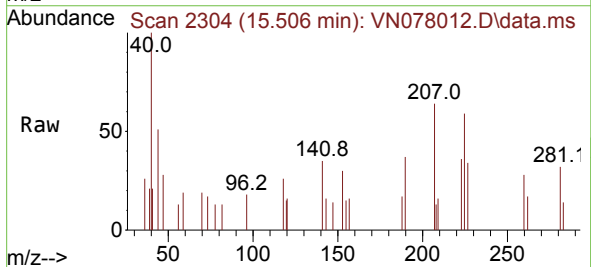
Instrument :
MSVOA_N
ClientSampleId :
734

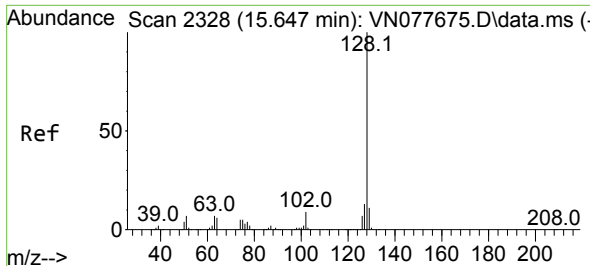
Tgt Ion:180 Resp: 3027
Ion Ratio Lower Upper
180 100
182 97.8 46.1 138.2
145 37.7 16.6 49.8



#94
Hexachlorobutadiene
Concen: 0.698 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion:225 Resp: 1302
Ion Ratio Lower Upper
225 100
223 53.3 31.3 93.8
227 62.8 31.9 95.9

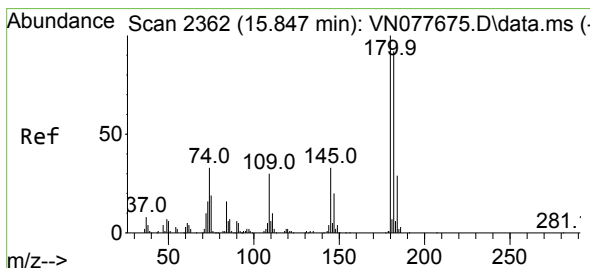
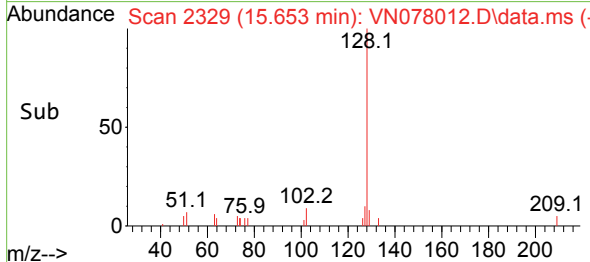
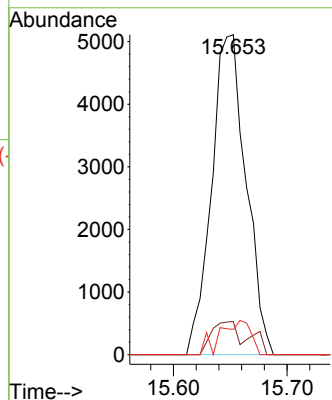
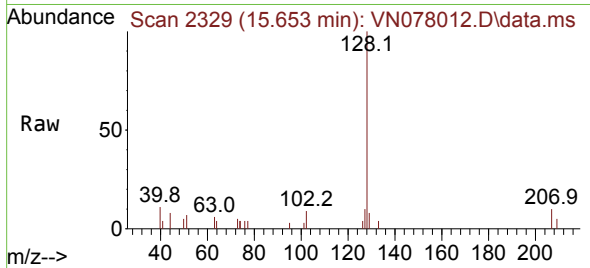




#95
Naphthalene
Concen: 0.695 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Instrument :
MSVOA_N
ClientSampleId :
734

Tgt Ion:128 Resp: 10756
Ion Ratio Lower Upper
128 100
127 8.5 10.0 15.0#
129 9.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.852 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.012 min
Lab File: VN078012.D
Acq: 01 Jun 2023 16:01

Tgt Ion:180 Resp: 3752
Ion Ratio Lower Upper
180 100
182 0.0 46.2 138.6#
145 0.0 17.5 52.6#

