

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077898.D
 Acq On : 25 May 2023 13:39
 Operator : JC\MD
 Sample : 02884-03 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2002

Quant Time: May 25 16:30:04 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	8.235	168	424916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	753540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	640496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274346	43.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.300%
35) Dibromofluoromethane	8.177	113	237620	48.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	10.570	98	928141	49.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.853	95	292492	43.787	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1085	Below Cal	#	80
5) Bromomethane	2.977	94	2170	0.481	ug/l #	70
10) Methyl Iodide	4.612	142	2484	0.443	ug/l #	85
13) Acrolein	4.194	56	1371	Below Cal	#	16
15) Acrylonitrile	5.741	53	1025	0.437	ug/l #	60
16) Acetone	4.441	43	12310	6.154	ug/l #	57
17) Carbon Disulfide	4.724	76	3587	0.298	ug/l #	47
20) Methylene Chloride	5.288	84	5500	Below Cal		93
22) Diisopropyl ether	6.730	45	13971	0.908	ug/l #	1
23) Vinyl Acetate	6.730	43	38267	4.013	ug/l #	62
25) 2-Butanone	7.506	43	6204	1.983	ug/l #	87
29) Tetrahydrofuran	7.859	42	423	0.206	ug/l #	20
31) Cyclohexane	8.229	56	10024	1.160	ug/l #	32
36) 1,1-Dichloropropene	8.235	75	34389	4.785	ug/l #	44
37) Ethyl Acetate	7.582	43	1768	0.276	ug/l #	67
38) Carbon Tetrachloride	8.229	117	47080	6.487	ug/l #	17
44) Trichloroethene	9.365	130	1554	0.289	ug/l	77
51) 4-Methyl-2-Pentanone	10.435	43	10485	1.686	ug/l #	36
58) 2-Chloroethyl Vinyl ether	10.165	63	2002	0.513	ug/l #	88
59) 2-Hexanone	11.206	43	3291	0.715	ug/l	75
68) m/p-Xylenes	12.076	106	2405	0.255	ug/l	91
76) 1,2,3-Trichloropropane	12.853	75	150420	30.657	ug/l #	1
77) Bromobenzene	12.982	156	1004	0.261	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.853	75	150420	97.995	ug/l #	15
82) 4-Chlorotoluene	13.223	91	3219	0.272	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	3028	0.217	ug/l	95
86) p-Isopropyltoluene	13.729	119	3270	0.233	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	2043	0.287	ug/l	86
88) 1,4-Dichlorobenzene	13.741	146	2043	0.289	ug/l	87
89) n-Butylbenzene	14.058	91	3333	0.258	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	1932	0.290	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.729	75	372	0.370	ug/l #	29
93) 1,2,4-Trichlorobenzene	15.394	180	2143	0.551	ug/l	93
94) Hexachlorobutadiene	15.511	225	1123	0.695	ug/l	86
95) Naphthalene	15.652	128	11442	0.854	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.852	180	3224	0.846	ug/l	91

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

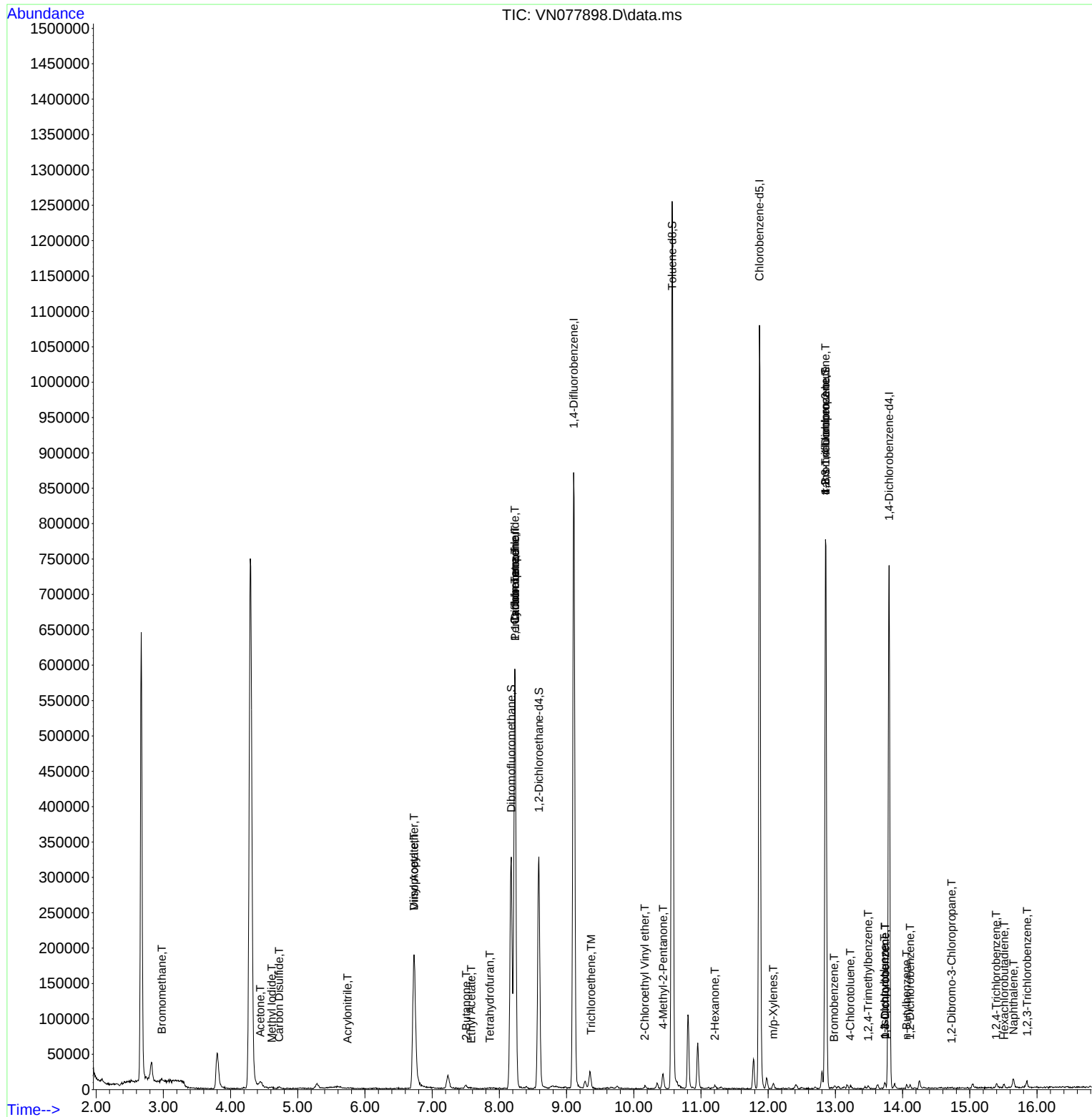
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

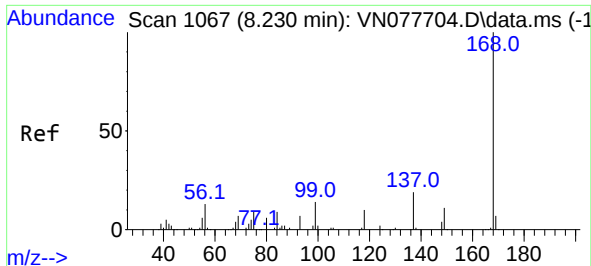
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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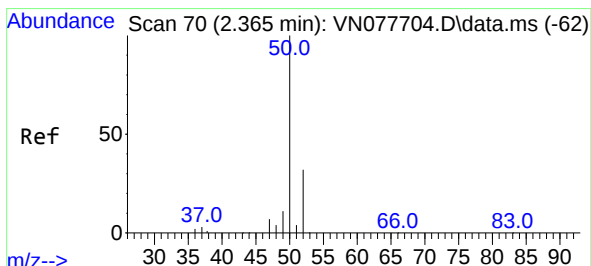
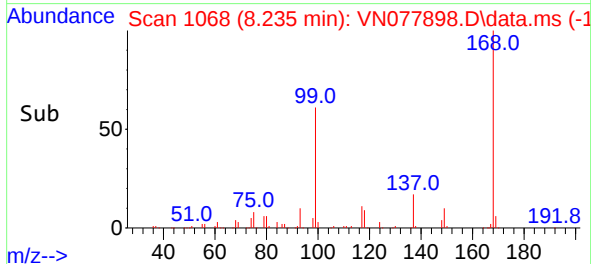
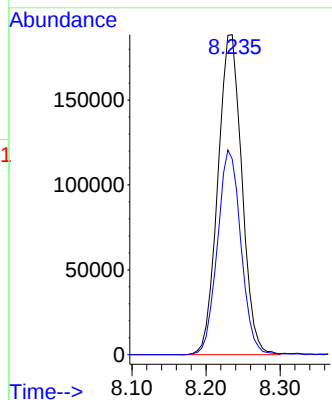
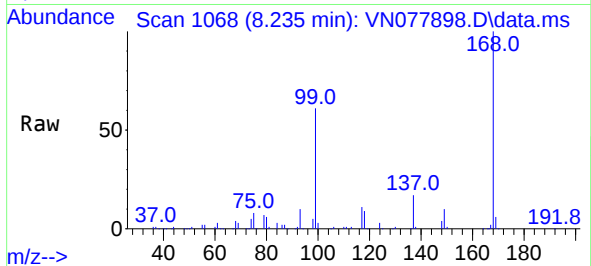




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

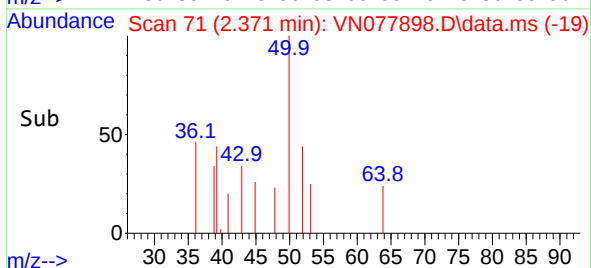
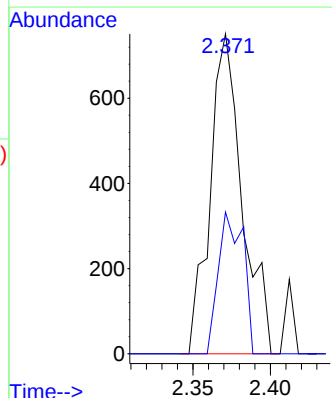
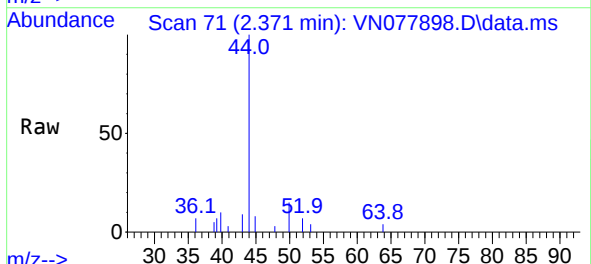
Instrument :
MSVOA_N
ClientSampleId :
2002

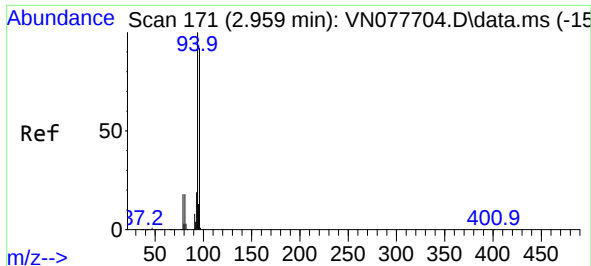
Tgt Ion:168 Resp: 424916
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 50 Resp: 1085
Ion Ratio Lower Upper
50 100
52 44.3 26.5 39.7#

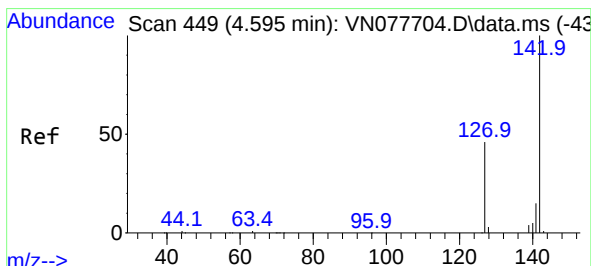
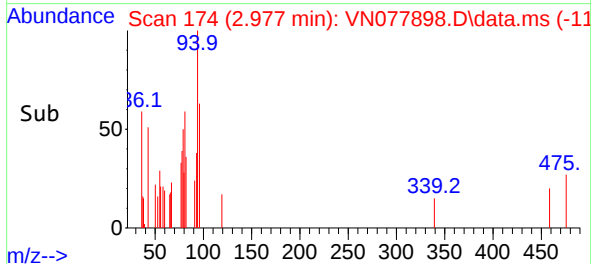
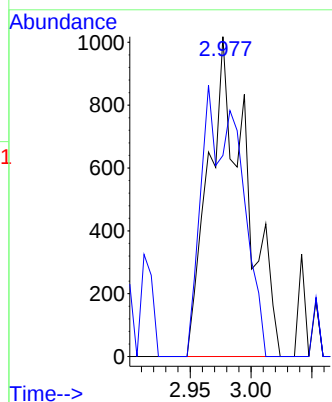
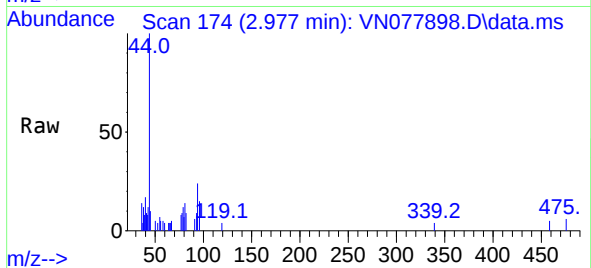




#5
Bromomethane
Concen: 0.481 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

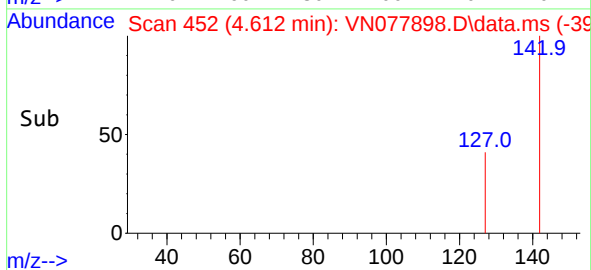
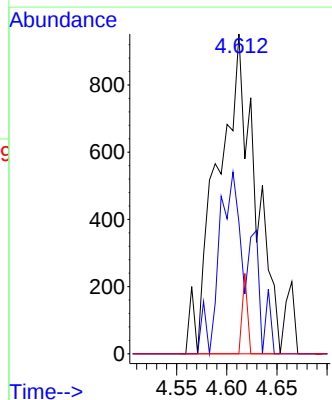
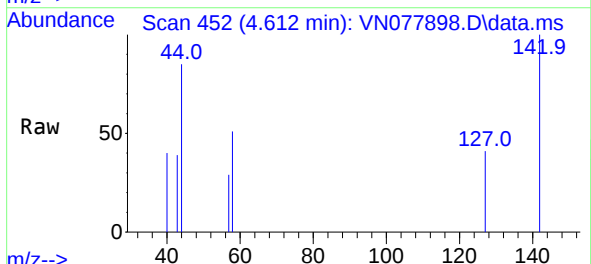
Instrument :
MSVOA_N
ClientSampleId :
2002

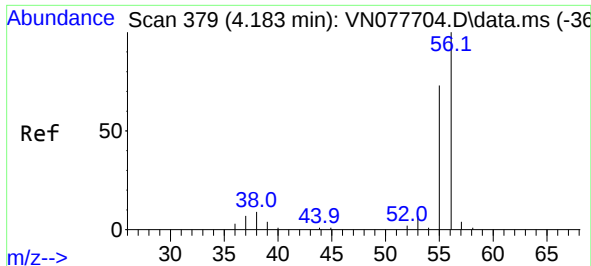
Tgt Ion: 94 Resp: 2170
Ion Ratio Lower Upper
94 100
96 62.9 73.1 109.7#



#10
Methyl Iodide
Concen: 0.443 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.018 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 142 Resp: 2484
Ion Ratio Lower Upper
142 100
127 41.2 37.6 56.4
141 0.0 11.4 17.0#

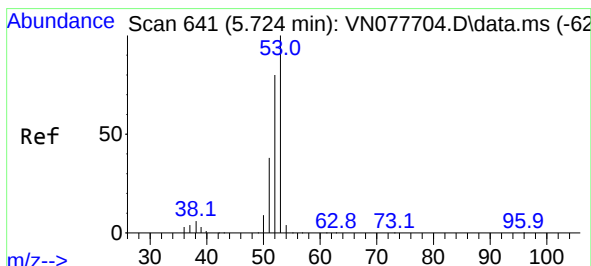
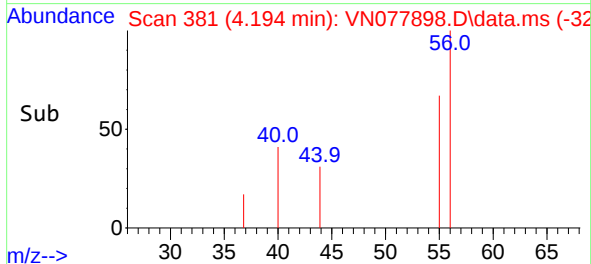
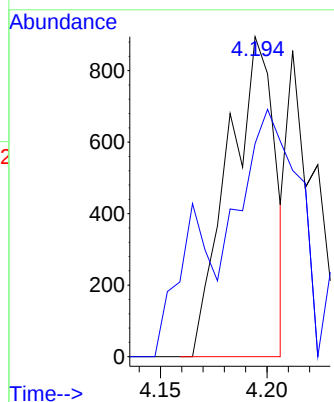
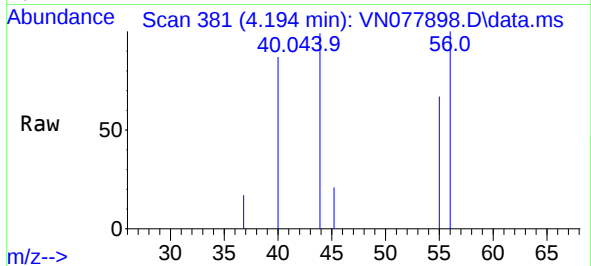




#13
Acrolein
Concen: Below Cal
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

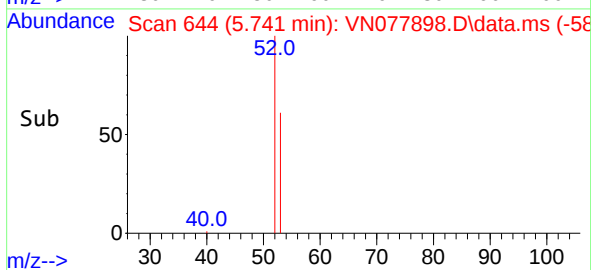
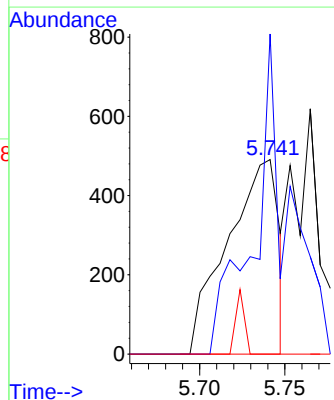
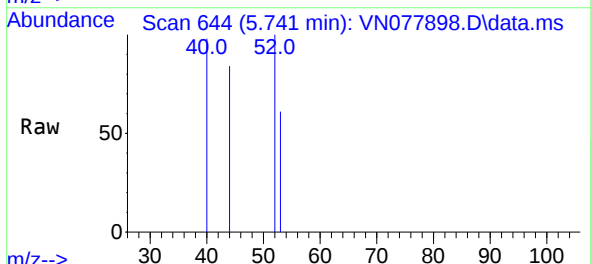
Instrument :
MSVOA_N
ClientSampleId :
2002

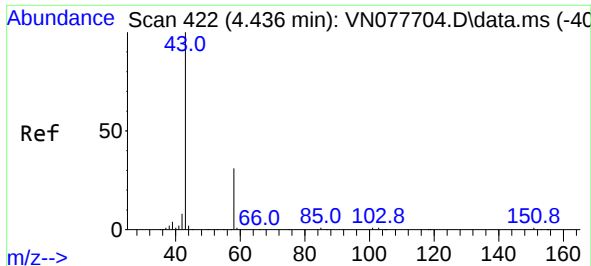
Tgt Ion: 56 Resp: 1371
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.437 ug/l
RT: 5.741 min Scan# 644
Delta R.T. 0.023 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 53 Resp: 1025
Ion Ratio Lower Upper
53 100
52 112.6 65.3 97.9#
51 5.7 28.9 43.3#

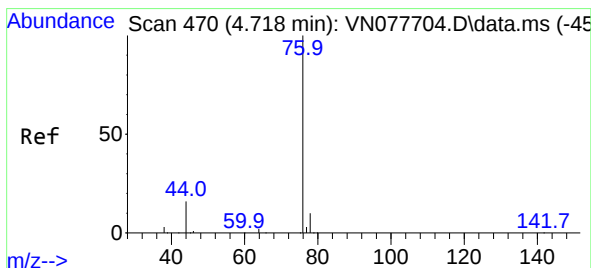
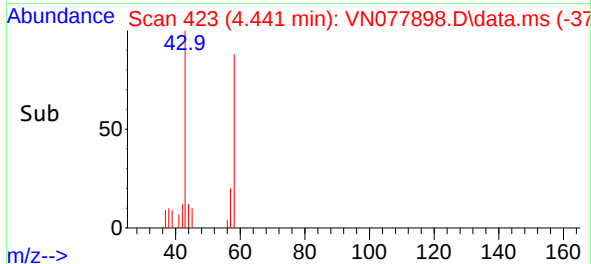
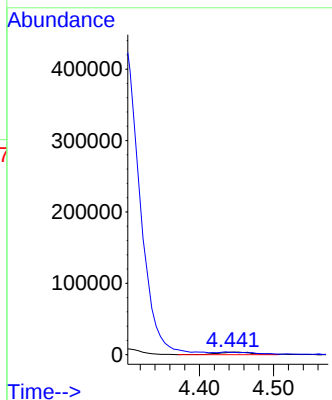
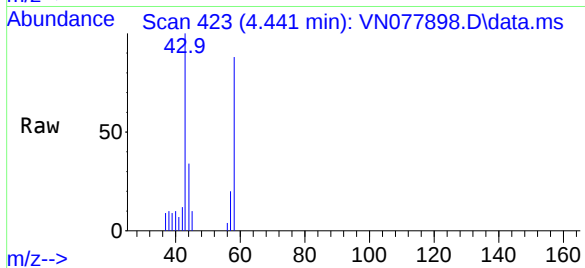




#16
Acetone
Concen: 6.154 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

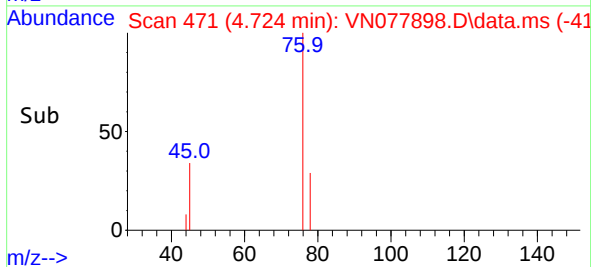
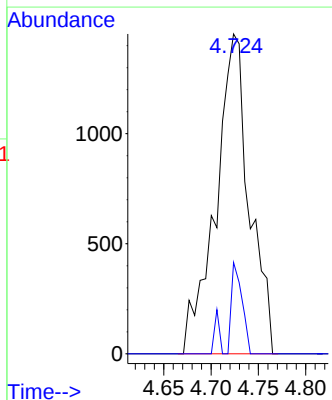
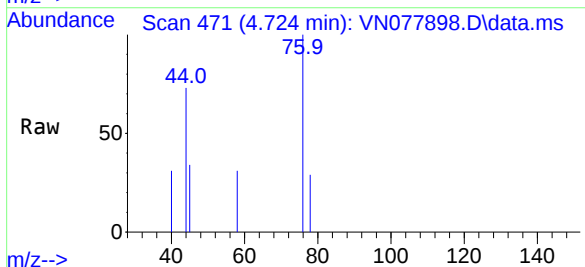
Instrument :
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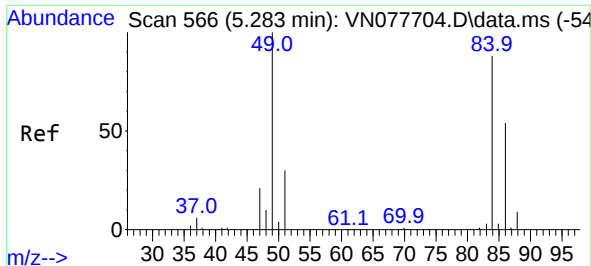
Tgt Ion: 43 Resp: 12310
Ion Ratio Lower Upper
43 100
58 59.7 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.298 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

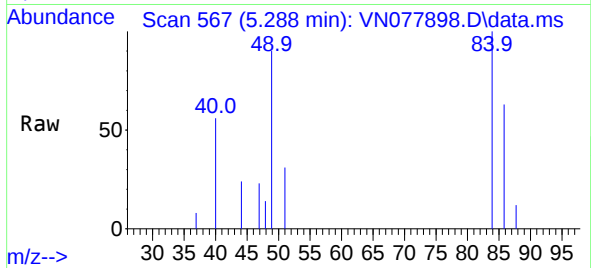
Tgt Ion: 76 Resp: 3587
Ion Ratio Lower Upper
76 100
78 28.6 7.4 11.0#





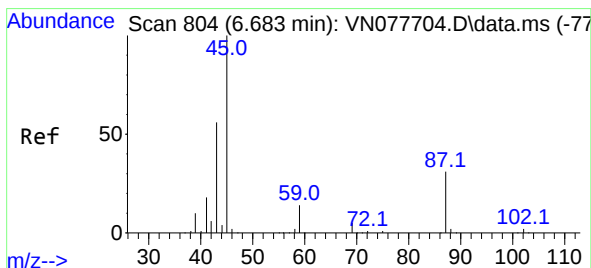
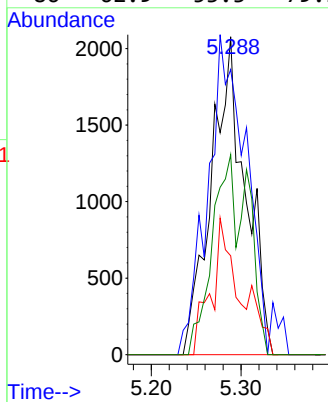
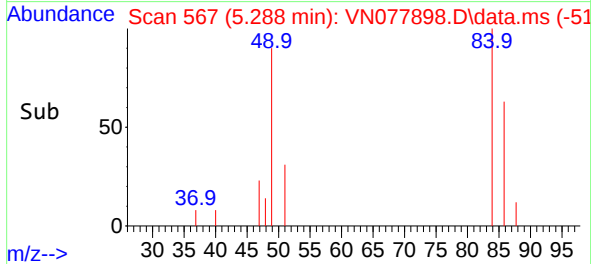
#20
Methylene Chloride
Concen: Below Cal
RT: 5.288 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
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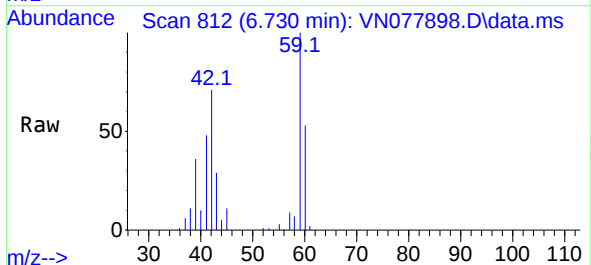


Tgt Ion: 84 Resp: 5500

Ion	Ratio	Lower	Upper
84	100		
49	89.7	79.7	119.5
51	31.1	25.2	37.8
86	62.9	53.3	79.9

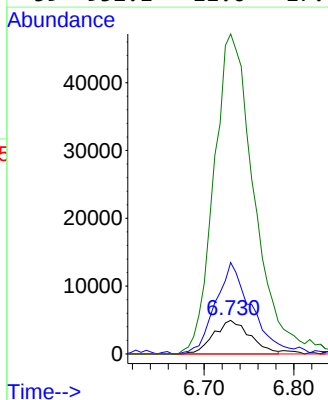
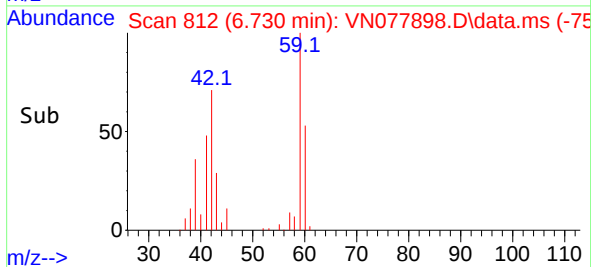


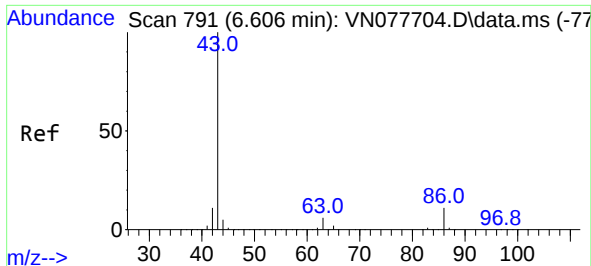
#22
Diisopropyl ether
Concen: 0.908 ug/l
RT: 6.730 min Scan# 812
Delta R.T. 0.053 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39



Tgt Ion: 45 Resp: 13971

Ion	Ratio	Lower	Upper
45	100		
43	271.6	45.5	68.3#
87	0.0	31.8	47.8#
59	952.1	11.6	17.4#

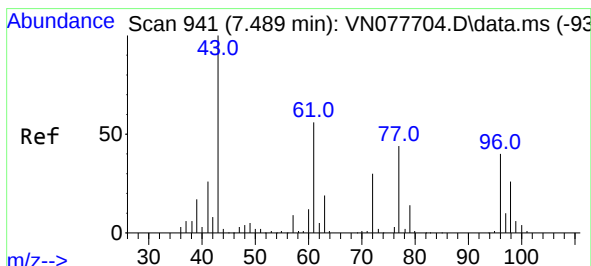
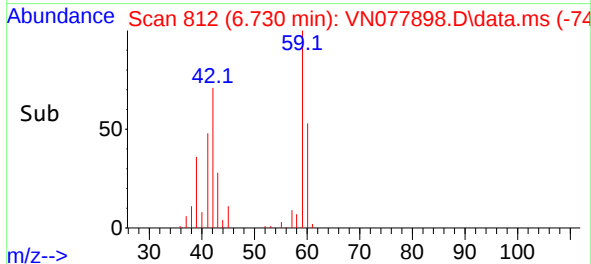
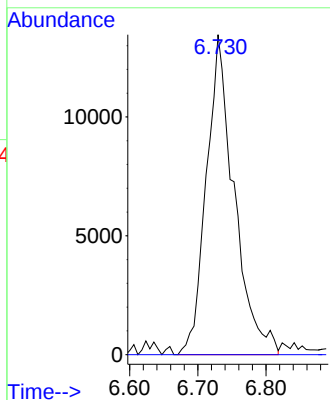
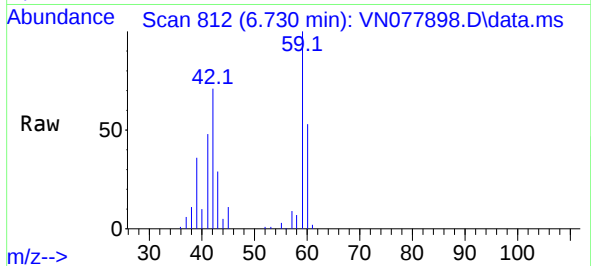




#23
 Vinyl Acetate
 Concen: 4.013 ug/l
 RT: 6.730 min Scan# 811
 Delta R.T. 0.124 min
 Lab File: VN077898.D
 Acq: 25 May 2023 13:39

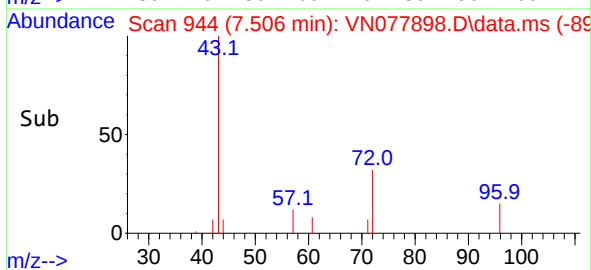
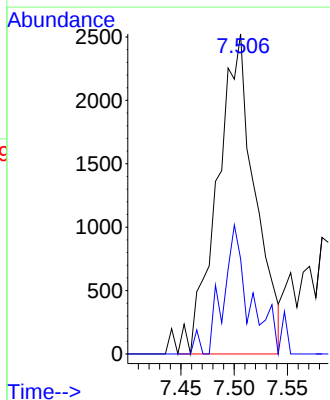
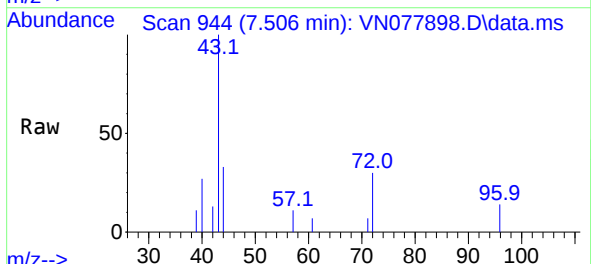
Instrument :
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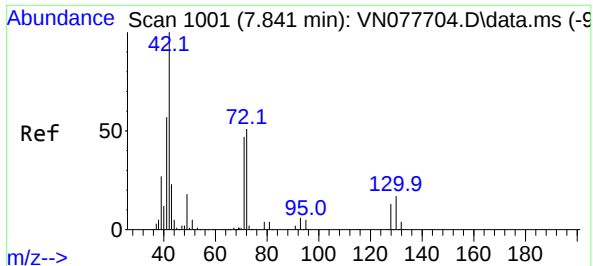
Tgt Ion: 43 Resp: 38267
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#25
 2-Butanone
 Concen: 1.983 ug/l
 RT: 7.506 min Scan# 944
 Delta R.T. 0.018 min
 Lab File: VN077898.D
 Acq: 25 May 2023 13:39

Tgt Ion: 43 Resp: 6204
 Ion Ratio Lower Upper
 43 100
 72 29.8 30.2 45.2#

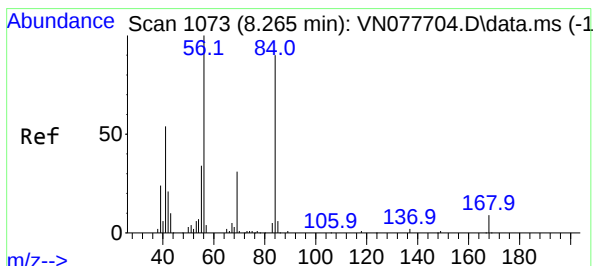
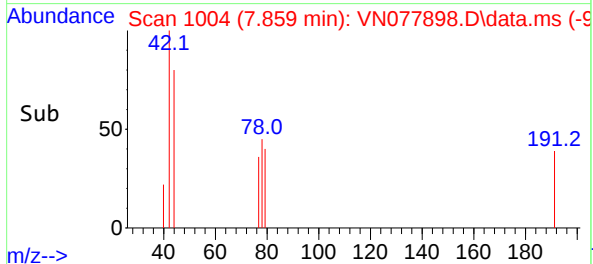
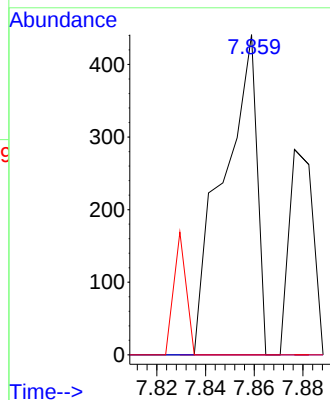
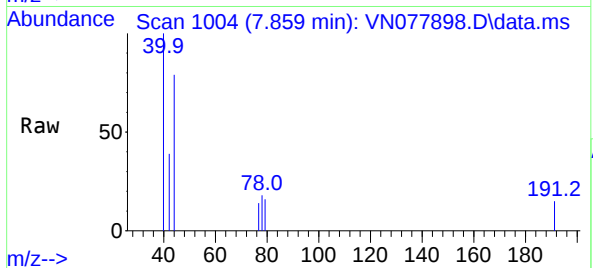




#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.018 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

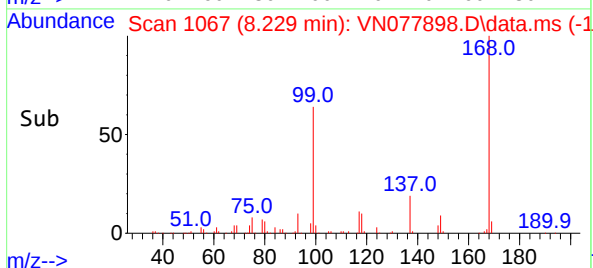
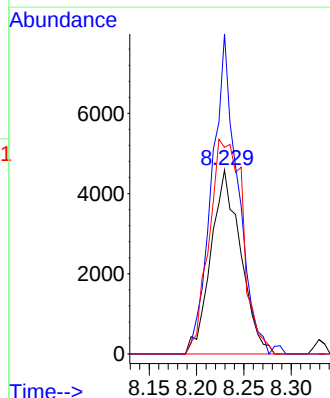
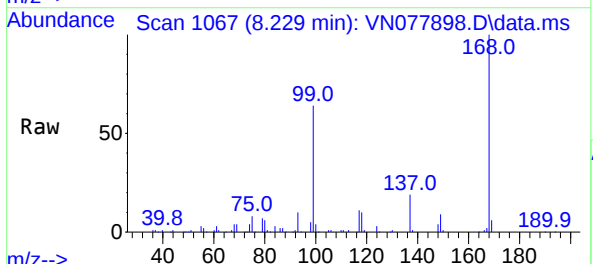
Instrument :
MSVOA_N
ClientSampleId :
2002

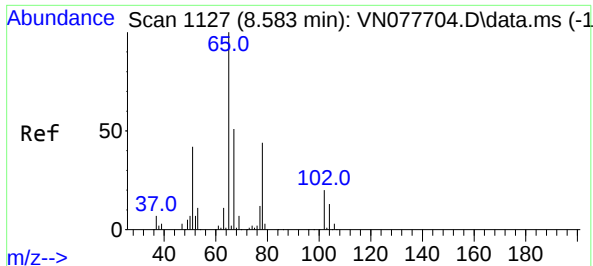
Tgt Ion: 42 Resp: 423
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 56 Resp: 10024
Ion Ratio Lower Upper
56 100
69 173.9 26.8 40.2#
84 112.2 81.8 122.6

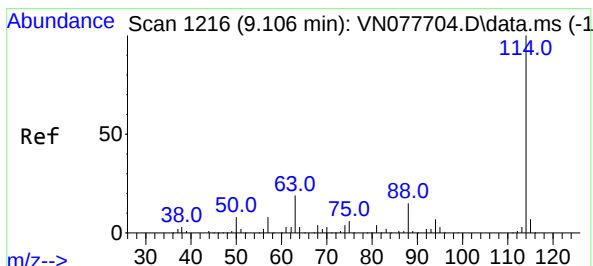
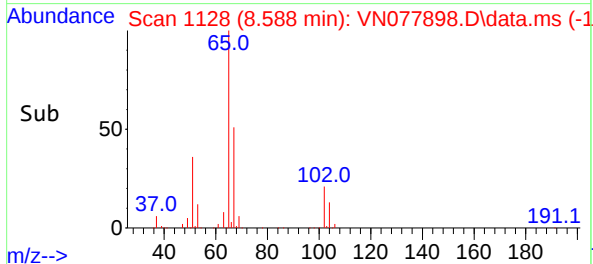
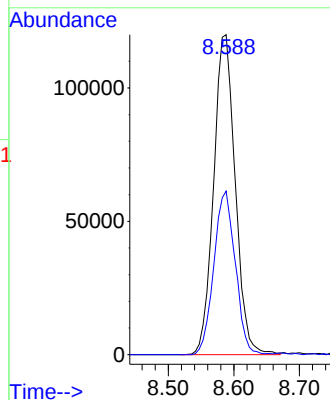
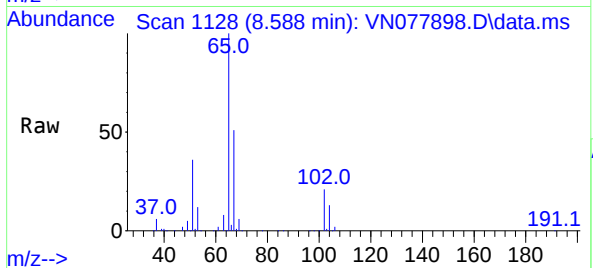




#33
1,2-Dichloroethane-d4
Concen: 43.151 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

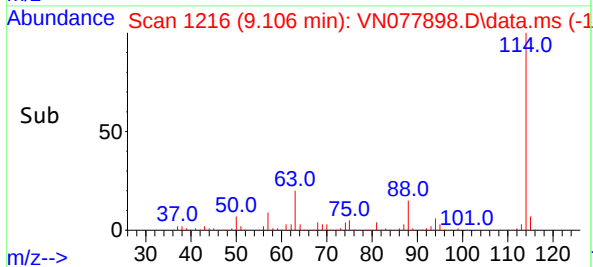
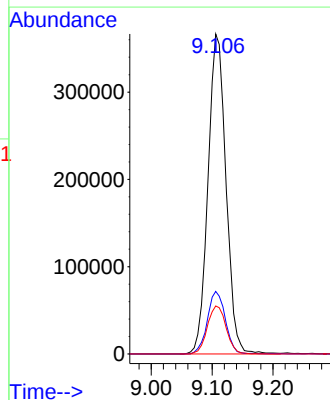
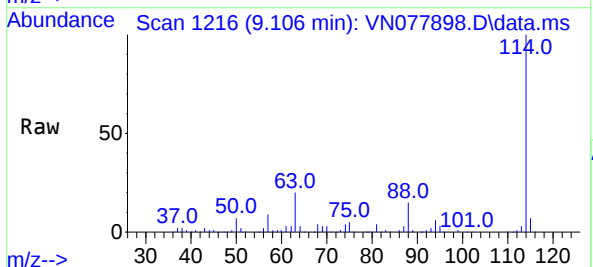
Instrument :
MSVOA_N
ClientSampleId :
2002

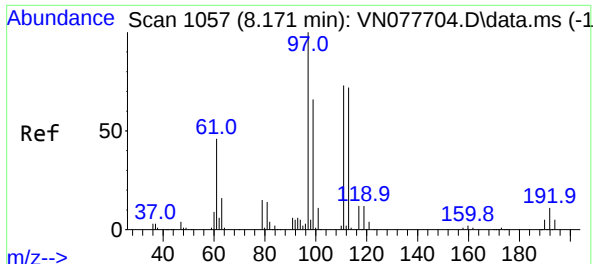
Tgt Ion: 65 Resp: 274346
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 114 Resp: 753540
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 15.0 0.0 30.6

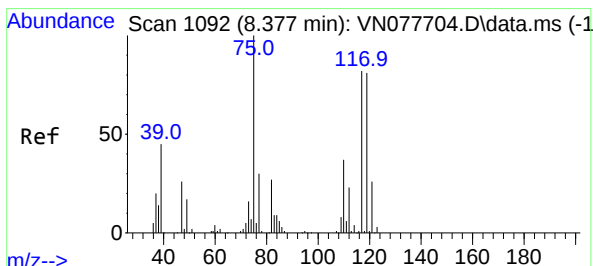
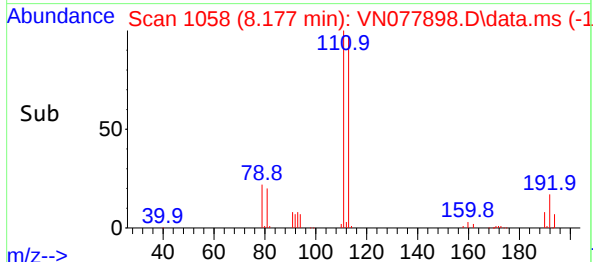
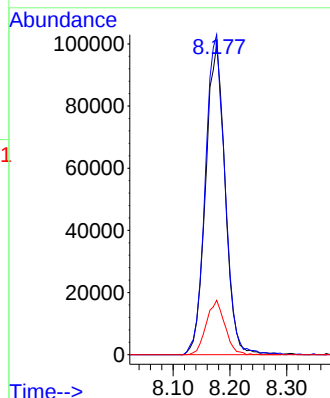
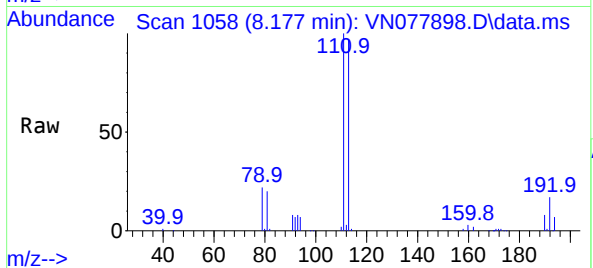




#35
Dibromofluoromethane
Concen: 48.358 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

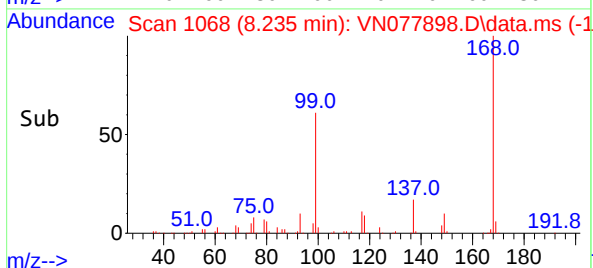
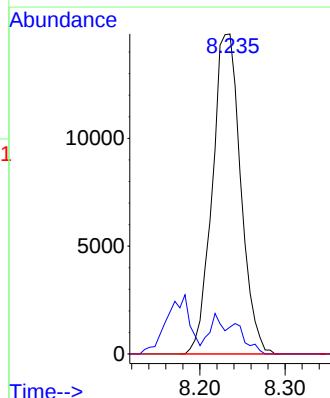
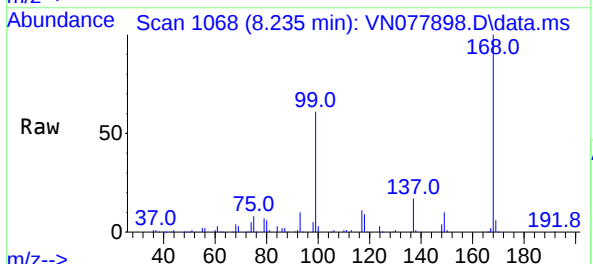
Instrument :
MSVOA_N
ClientSampleId :
2002

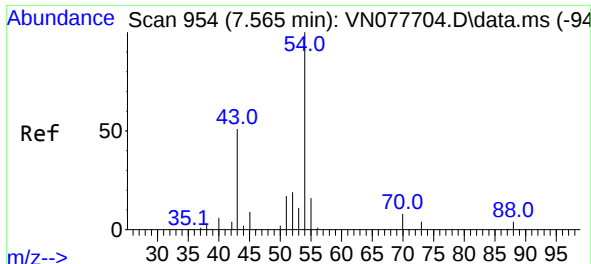
Tgt Ion:113 Resp: 237620
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 75 Resp: 34389
Ion Ratio Lower Upper
75 100
110 4.3 19.1 57.3#
77 0.0 25.0 37.4#

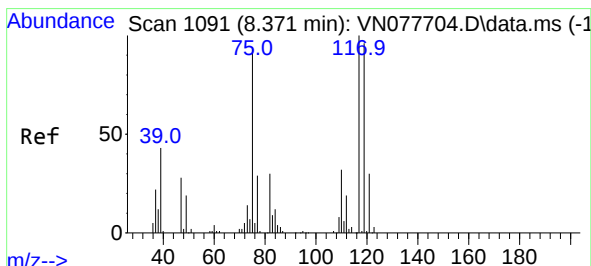
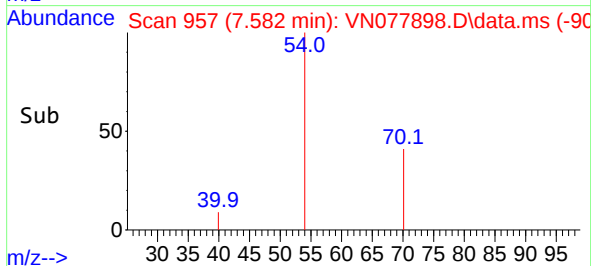
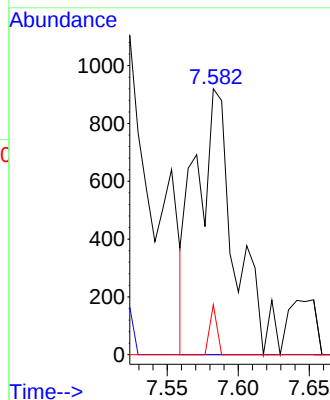
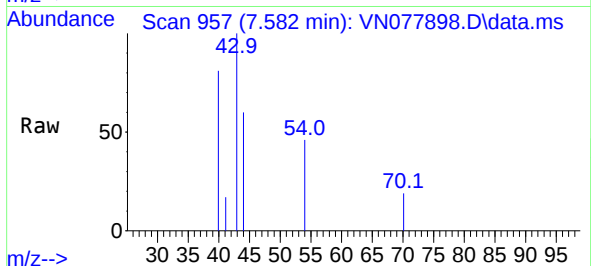




#37
Ethyl Acetate
Concen: 0.276 ug/l
RT: 7.582 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

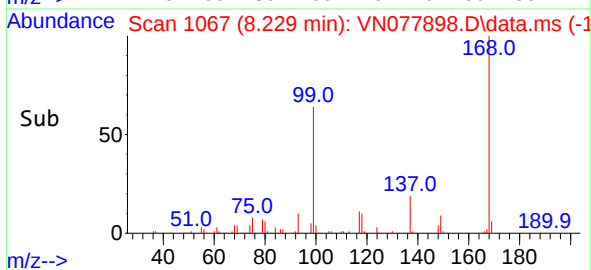
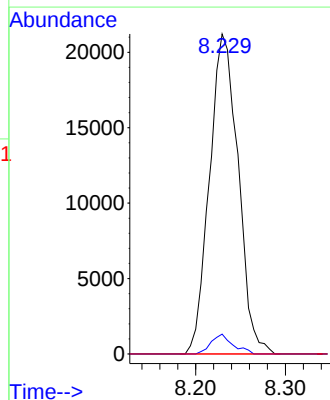
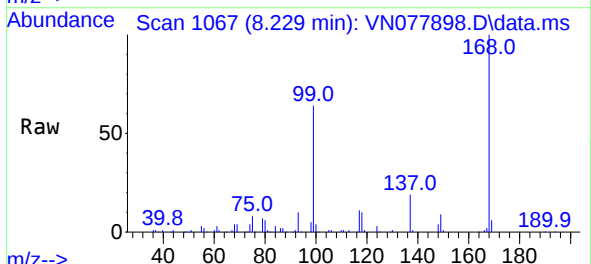
Instrument :
MSVOA_N
ClientSampleId :
2002

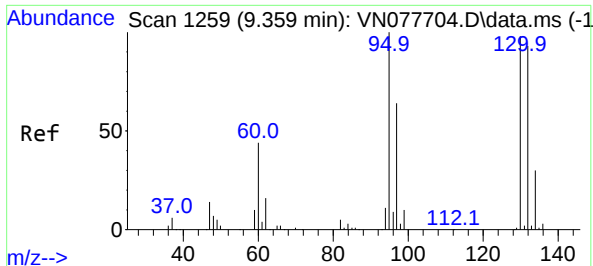
Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 3.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 6.487 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 117 Resp: 47080
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 23.3 34.9#





#44

Trichloroethene

Concen: 0.289 ug/l

RT: 9.365 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

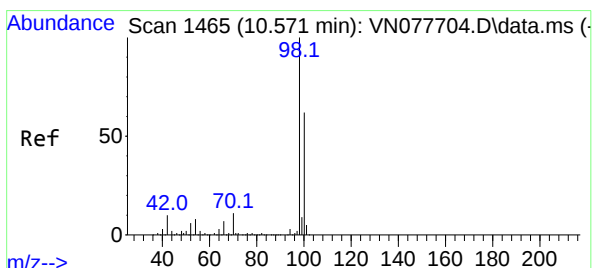
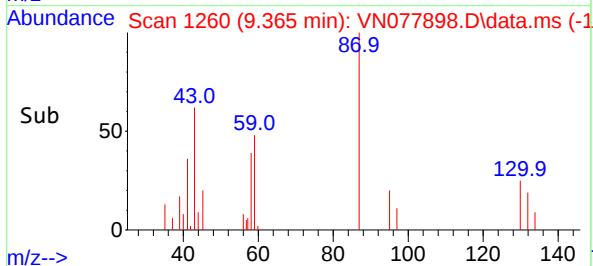
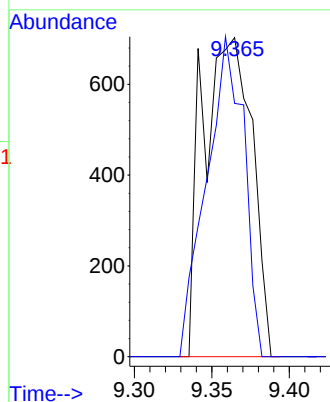
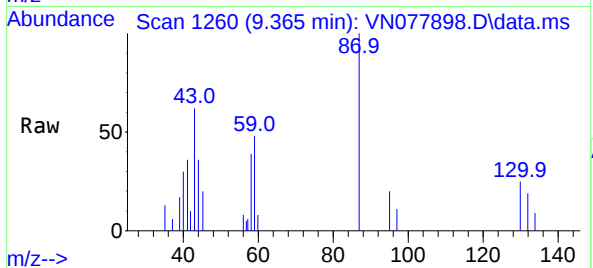
2002

Tgt Ion:130 Resp: 1554

Ion Ratio Lower Upper

130 100

95 79.4 0.0 204.6



#50

Toluene-d8

Concen: 49.073 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN077898.D

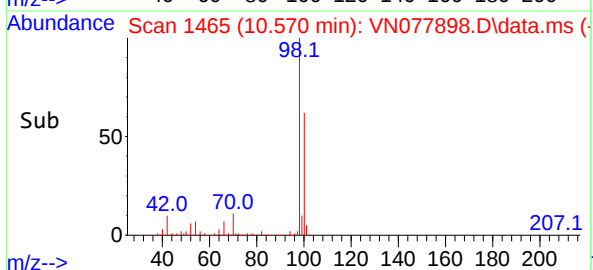
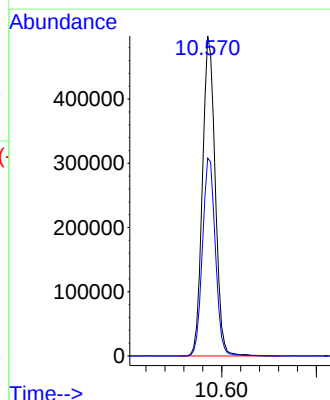
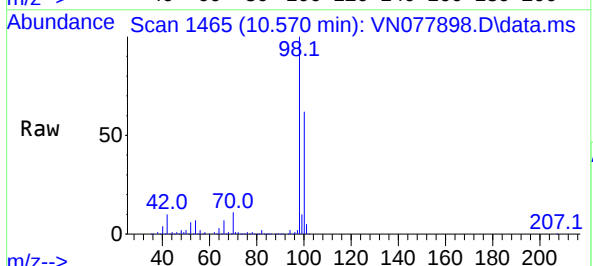
Acq: 25 May 2023 13:39

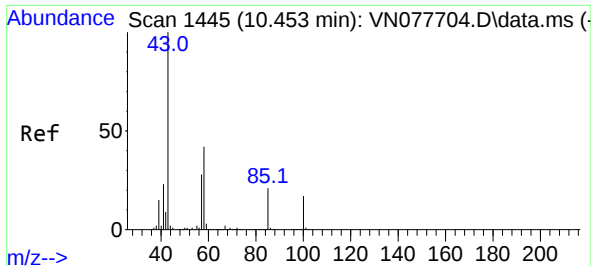
Tgt Ion: 98 Resp: 928141

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0

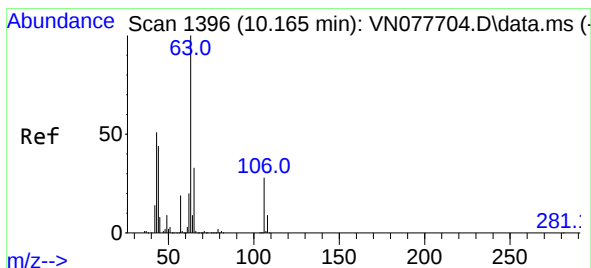
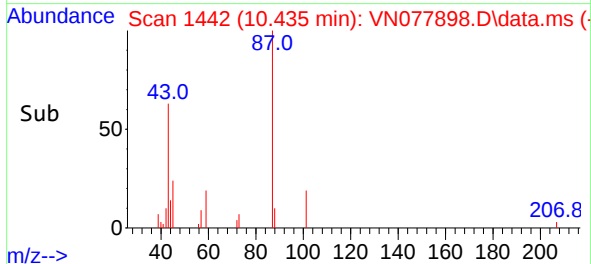
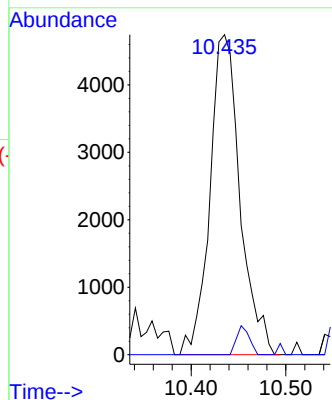
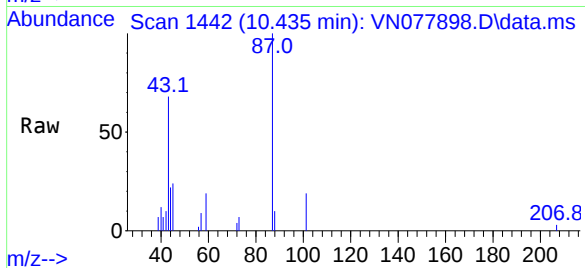




#51
4-Methyl-2-Pentanone
Concen: 1.686 ug/l
RT: 10.435 min Scan# 1445
Delta R.T. -0.012 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

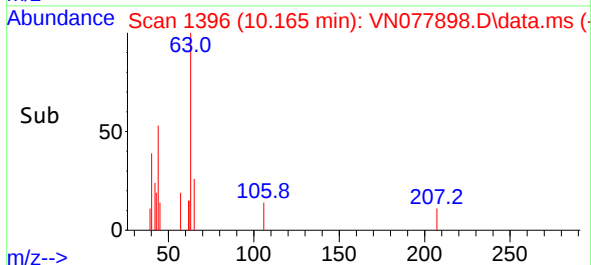
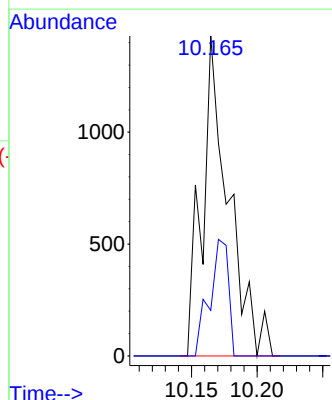
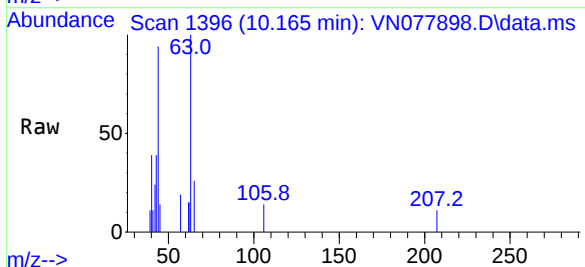
Instrument :
MSVOA_N
ClientSampleId :
2002

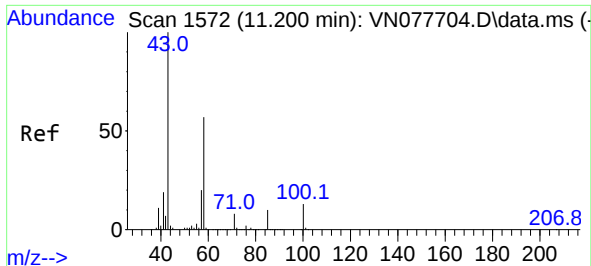
Tgt Ion: 43 Resp: 10485
Ion Ratio Lower Upper
43 100
58 3.8 36.6 54.8#



#58
2-Chloroethyl Vinyl ether
Concen: 0.513 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 63 Resp: 2002
Ion Ratio Lower Upper
63 100
106 25.9 26.2 39.4#

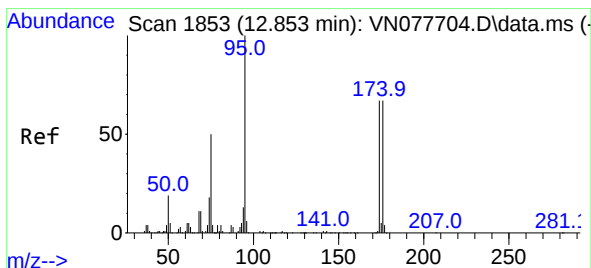
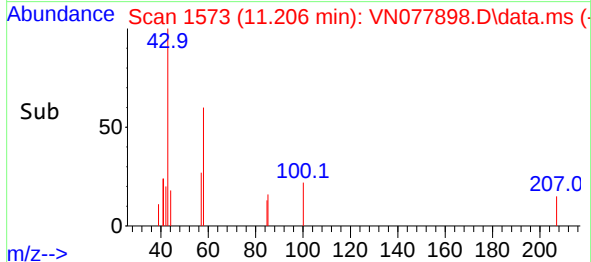
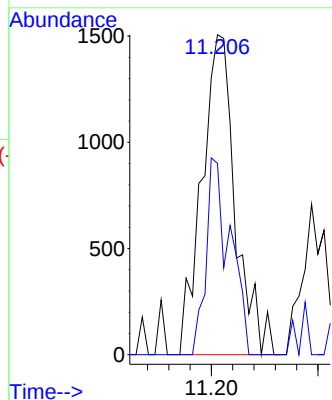
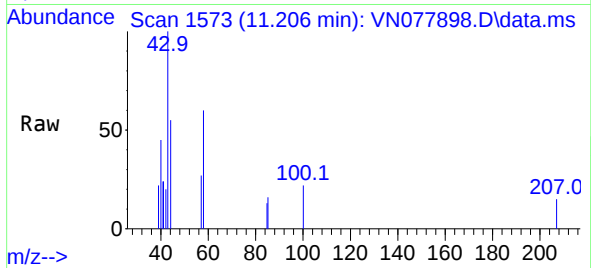




#59
2-Hexanone
Concen: 0.715 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

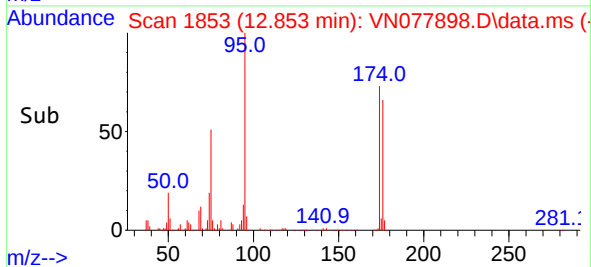
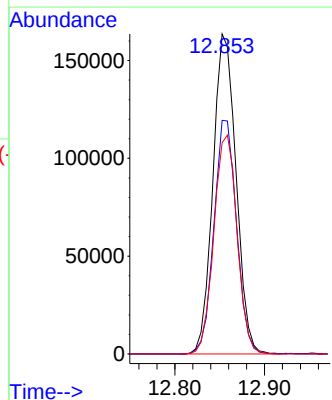
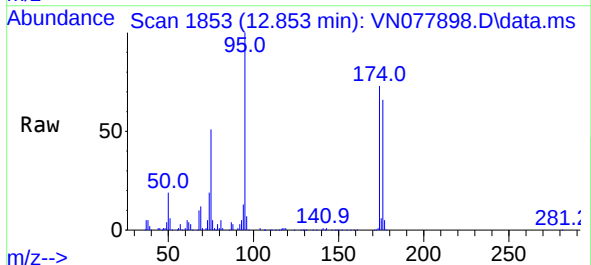
Instrument :
MSVOA_N
ClientSampleId :
2002

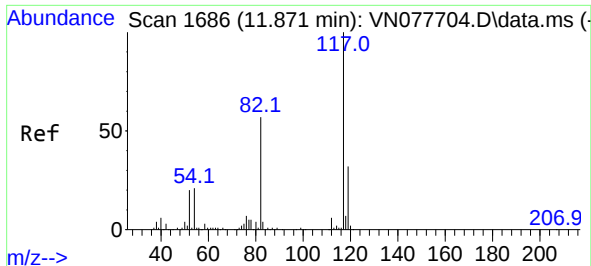
Tgt Ion: 43 Resp: 3291
Ion Ratio Lower Upper
43 100
58 44.0 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 43.787 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 95 Resp: 292492
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 68.5 0.0 135.8

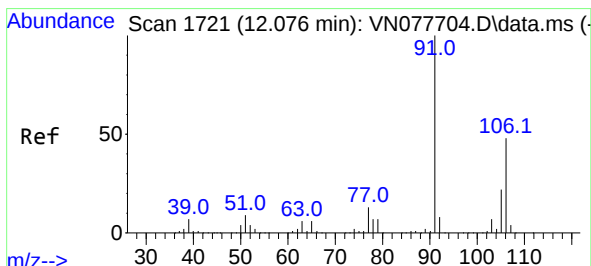
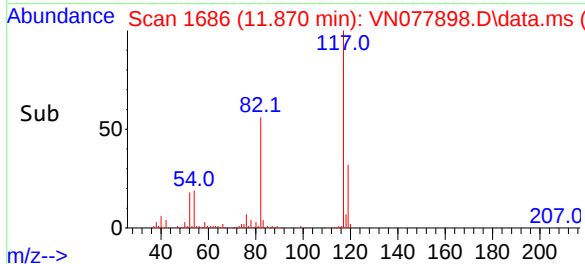
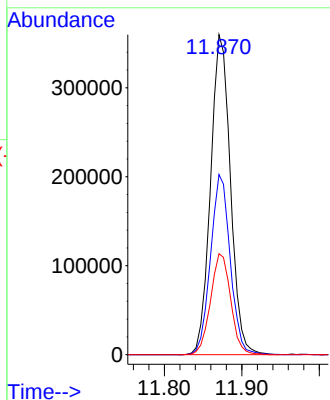
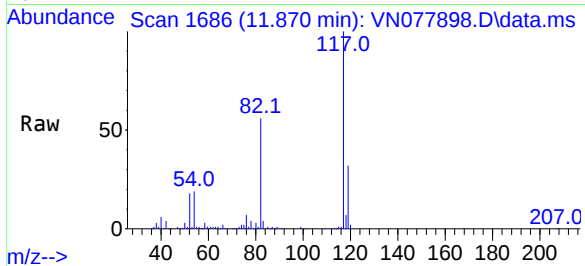




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

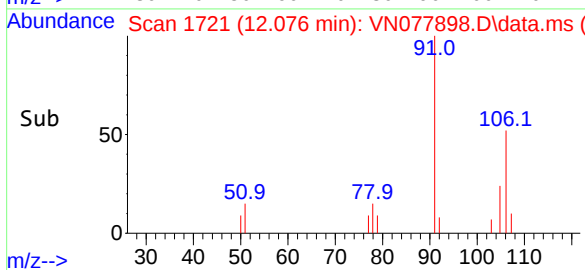
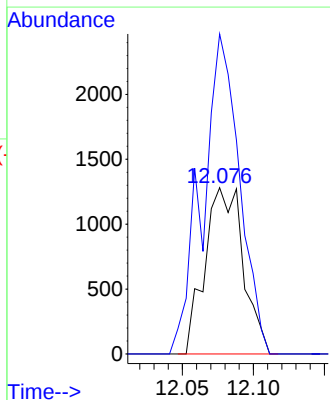
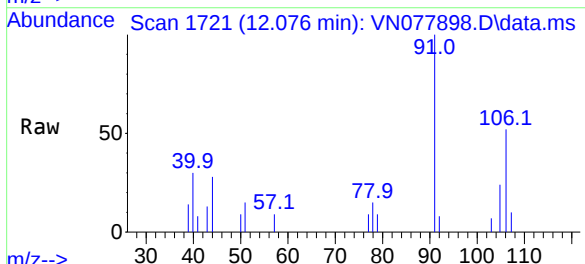
Instrument :
MSVOA_N
ClientSampleId :
2002

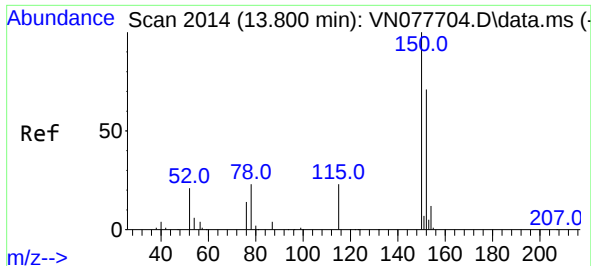
Tgt Ion:117 Resp: 640496
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 0.255 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion:106 Resp: 2405
Ion Ratio Lower Upper
106 100
91 186.3 159.6 239.4

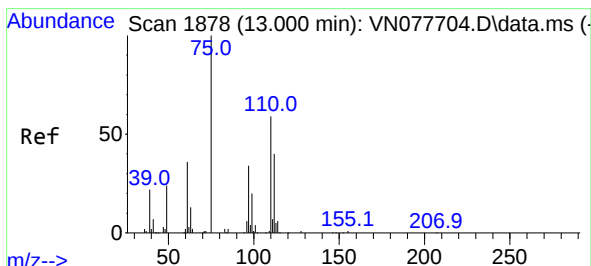
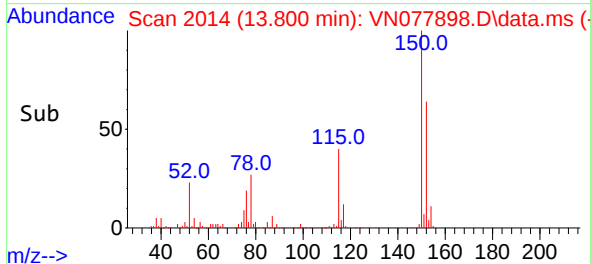
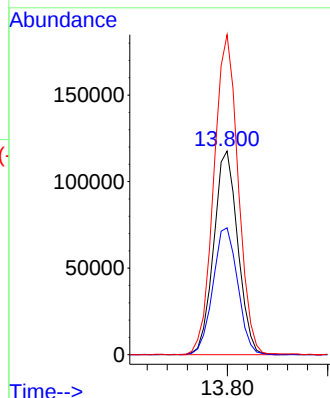
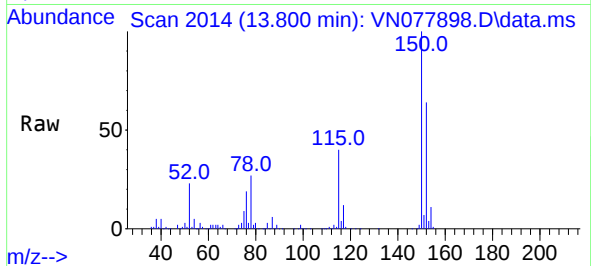




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

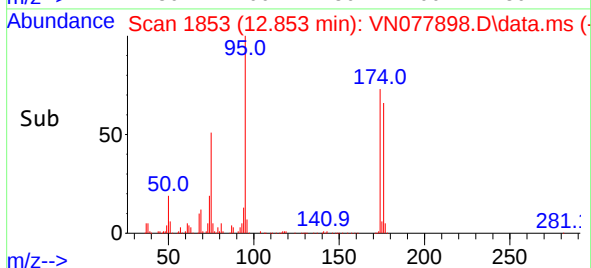
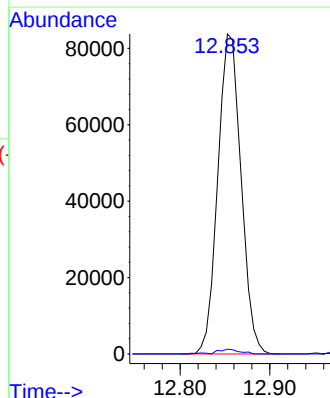
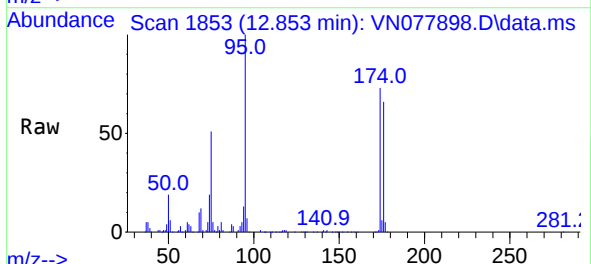
Instrument :
MSVOA_N
ClientSampleId :
2002

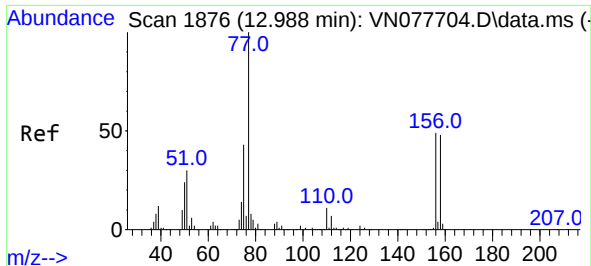
Tgt Ion:152 Resp: 195922
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 159.3 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 30.657 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 75 Resp: 150420
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#

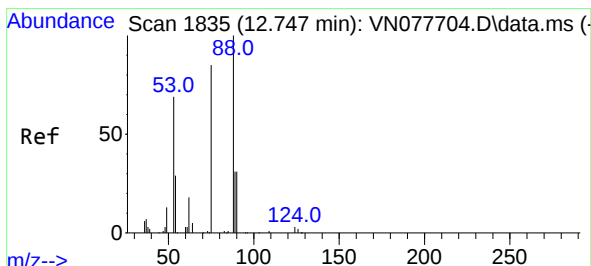
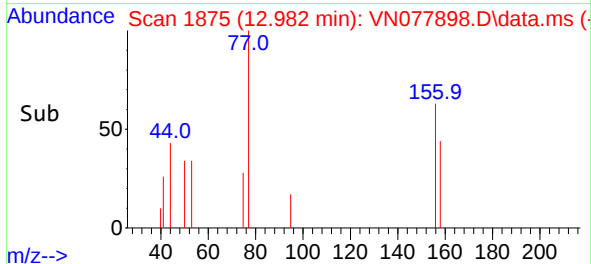
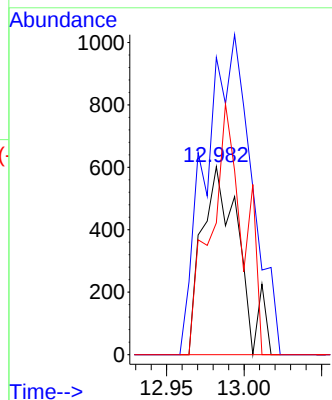
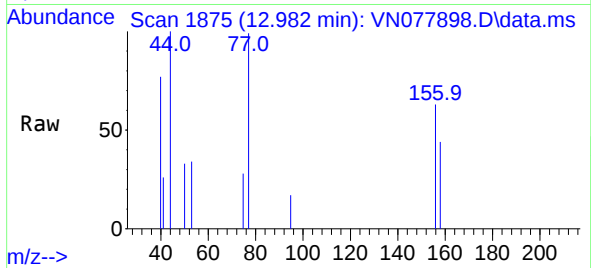




#77
Bromobenzene
Concen: 0.261 ug/l
RT: 12.982 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

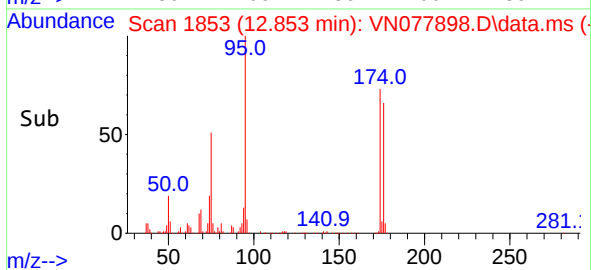
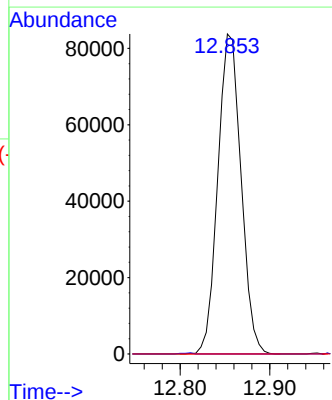
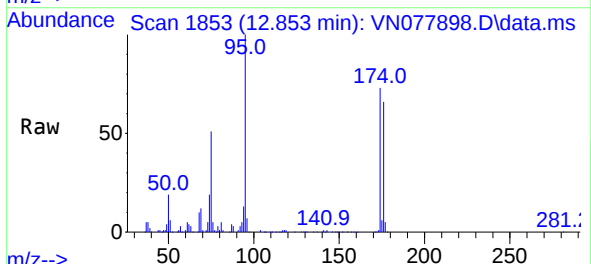
Instrument :
MSVOA_N
ClientSampleId :
2002

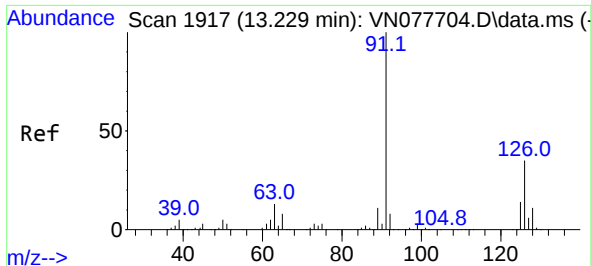
Tgt Ion:156 Resp: 1004
Ion Ratio Lower Upper
156 100
77 212.6 107.7 323.3
158 117.5 48.4 145.3



#81
trans-1,4-Dichloro-2-butene
Concen: 97.995 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 75 Resp: 150420
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

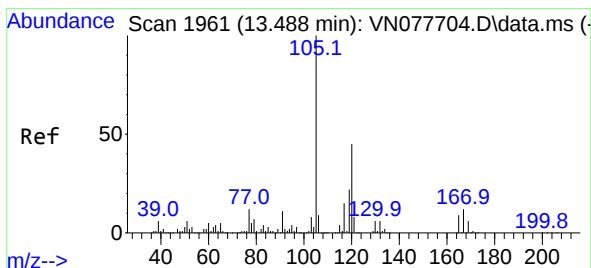
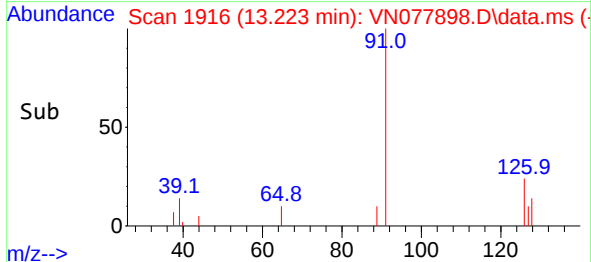
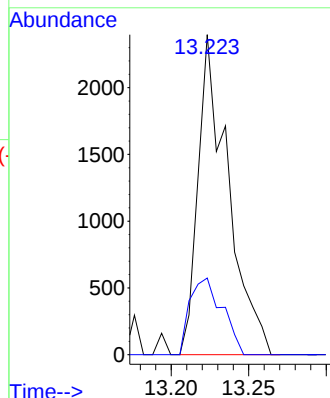
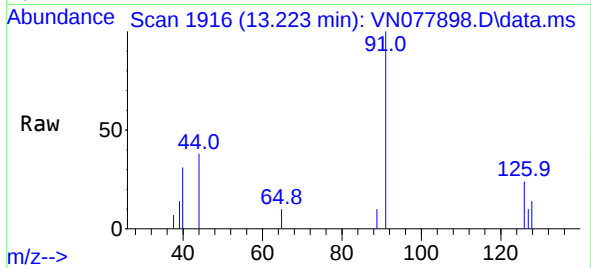




#82
4-Chlorotoluene
Concen: 0.272 ug/l
RT: 13.223 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

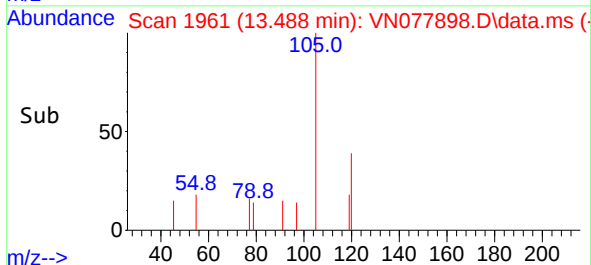
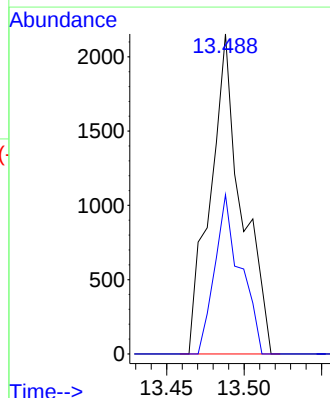
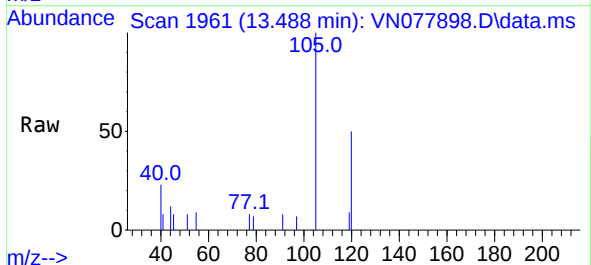
Instrument :
MSVOA_N
ClientSampleId :
2002

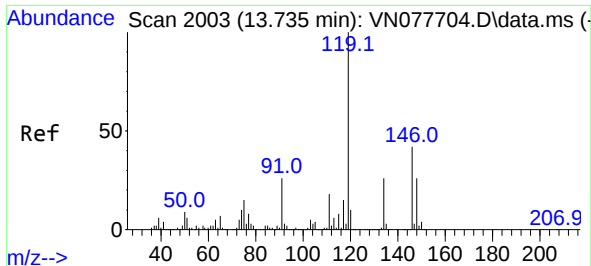
Tgt Ion: 91 Resp: 3219
Ion Ratio Lower Upper
91 100
126 25.9 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.217 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 105 Resp: 3028
Ion Ratio Lower Upper
105 100
120 40.7 22.0 66.0

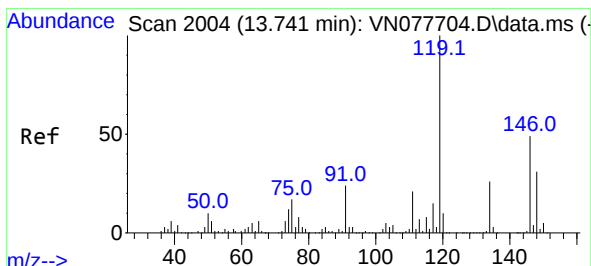
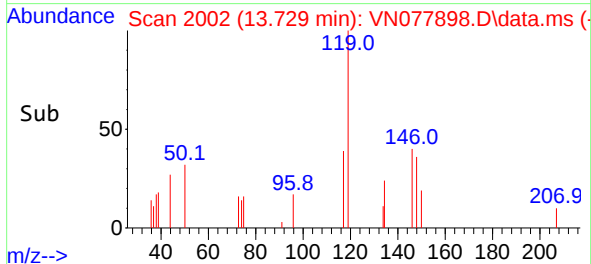
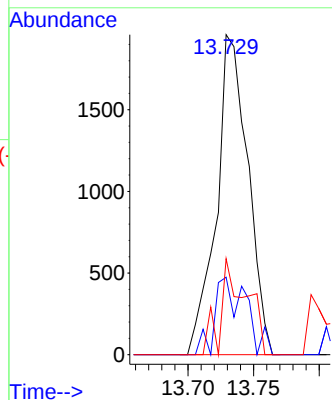
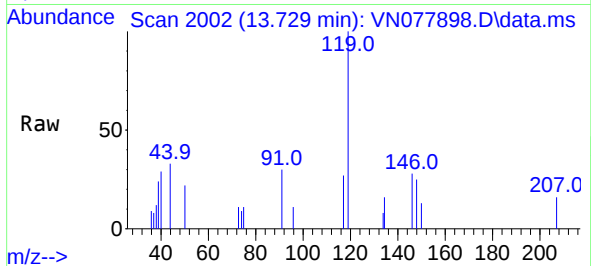




#86
p-Isopropyltoluene
Concen: 0.233 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

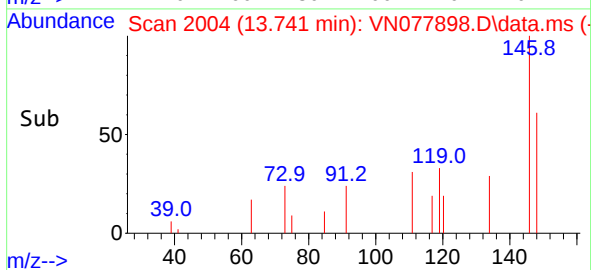
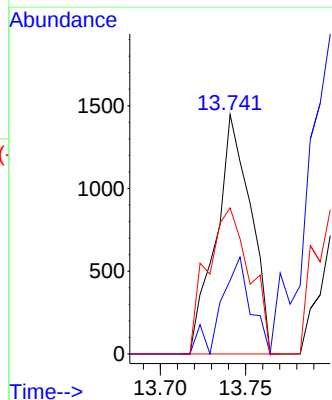
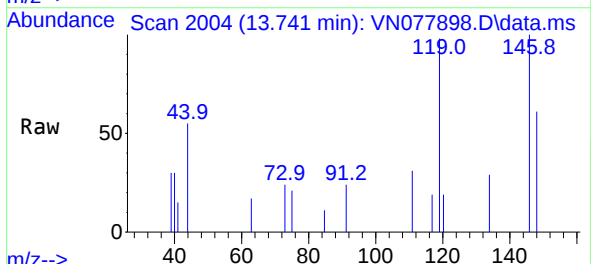
Instrument :
MSVOA_N
ClientSampleId :
2002

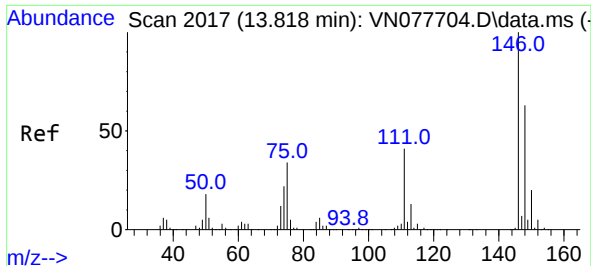
Tgt Ion:119 Resp: 3270
Ion Ratio Lower Upper
119 100
134 24.0 12.6 37.8
91 25.0 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.287 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion:146 Resp: 2043
Ion Ratio Lower Upper
146 100
111 34.4 22.1 66.3
148 74.3 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 0.289 ug/l

RT: 13.741 min Scan# 2017

Delta R.T. -0.076 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

2002

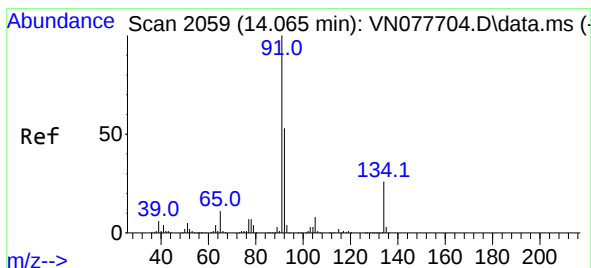
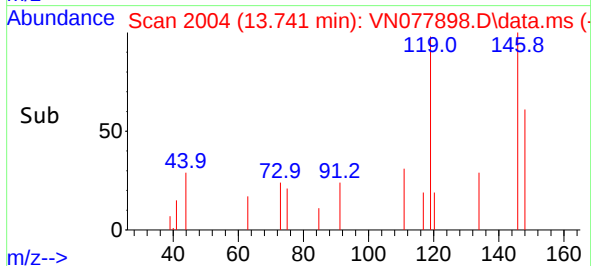
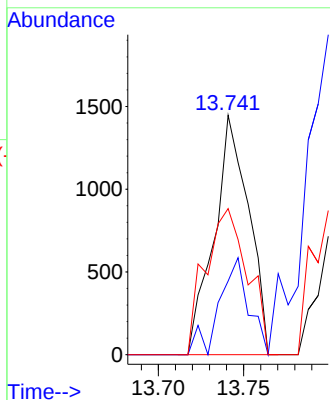
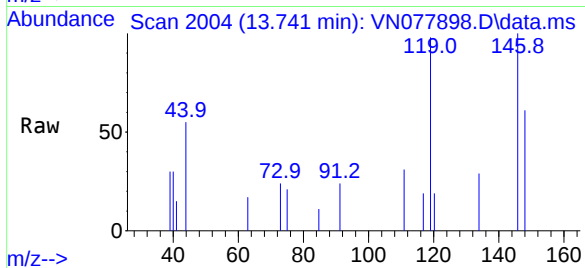
Tgt Ion:146 Resp: 2043

Ion Ratio Lower Upper

146 100

111 34.4 20.6 61.8

148 74.3 31.6 94.8



#89

n-Butylbenzene

Concen: 0.258 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

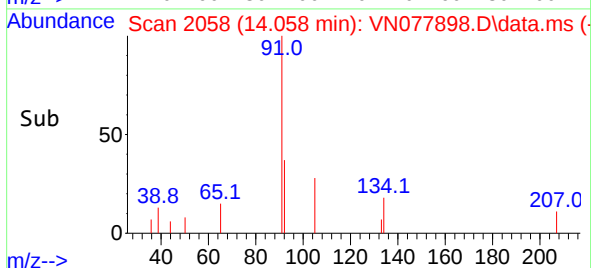
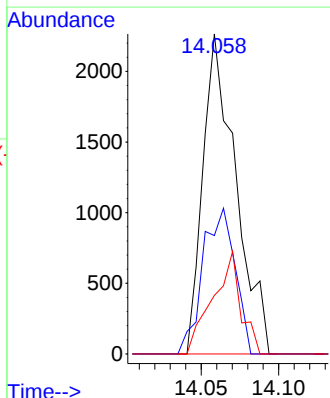
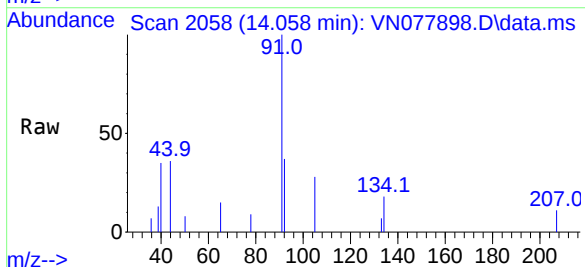
Tgt Ion: 91 Resp: 3333

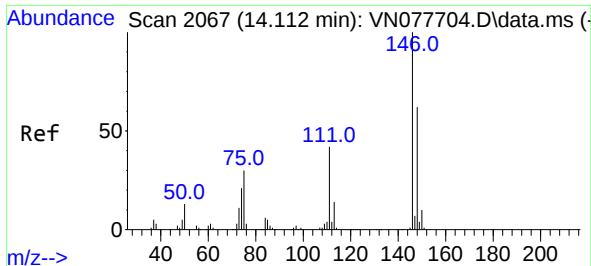
Ion Ratio Lower Upper

91 100

92 44.6 26.4 79.0

134 27.3 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.290 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

2002

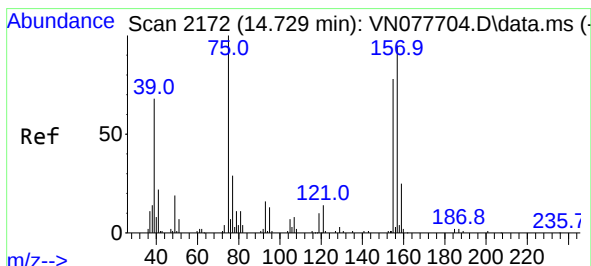
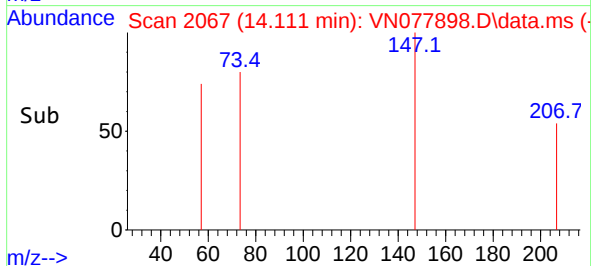
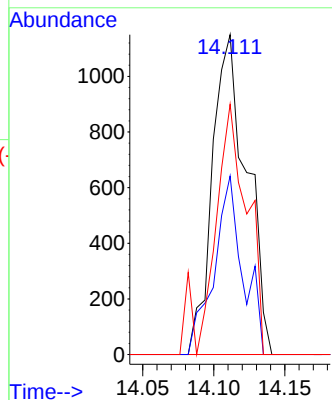
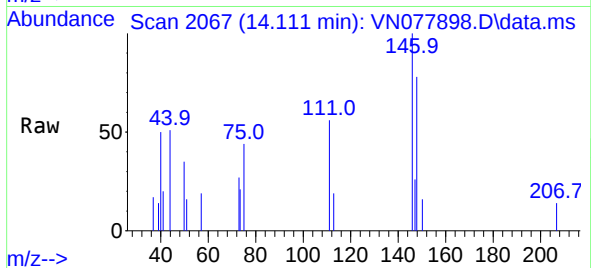
Tgt Ion:146 Resp: 1932

Ion Ratio Lower Upper

146 100

111 46.9 22.0 66.0

148 69.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.370 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

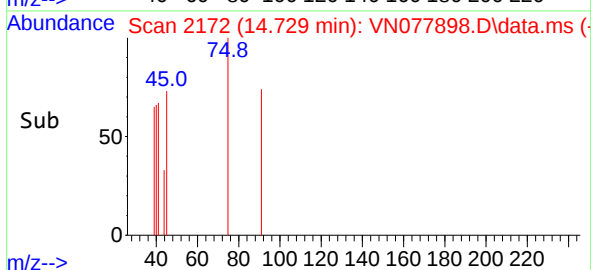
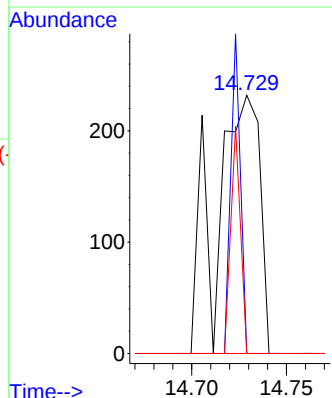
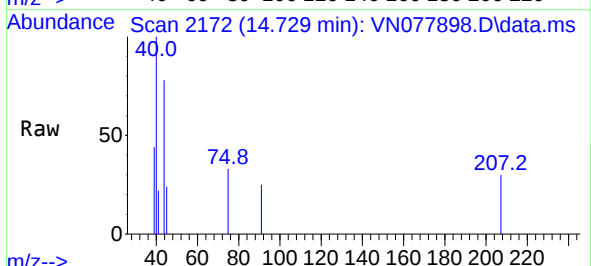
Tgt Ion: 75 Resp: 372

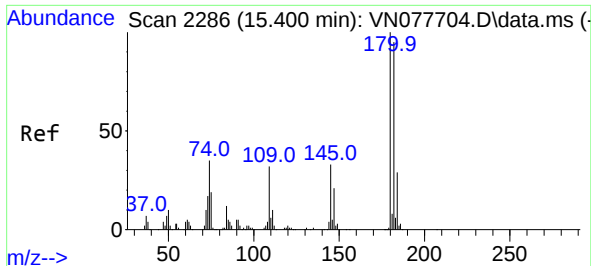
Ion Ratio Lower Upper

75 100

155 27.2 39.1 117.2#

157 19.4 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.551 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

2002

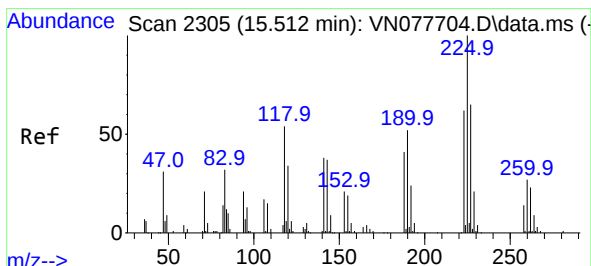
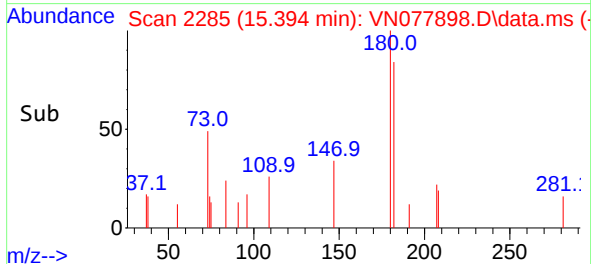
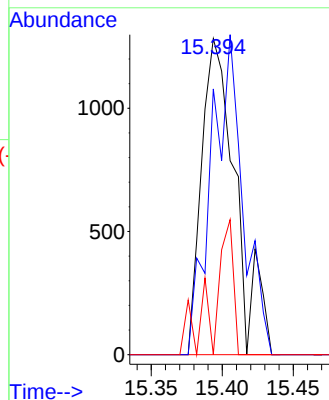
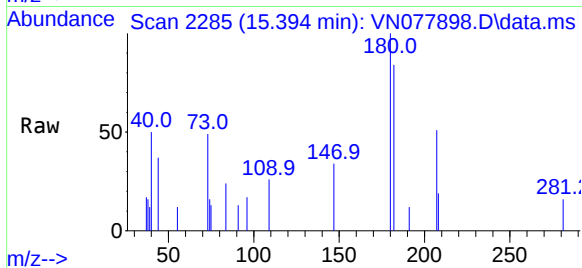
Tgt Ion:180 Resp: 2143

Ion Ratio Lower Upper

180 100

182 93.8 46.1 138.2

145 21.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.695 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

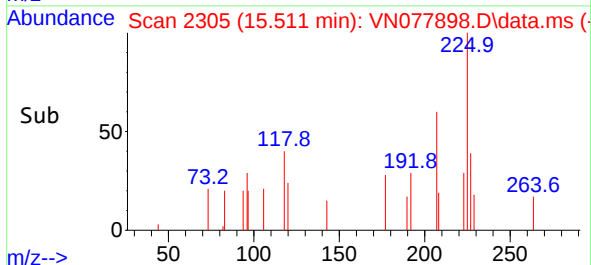
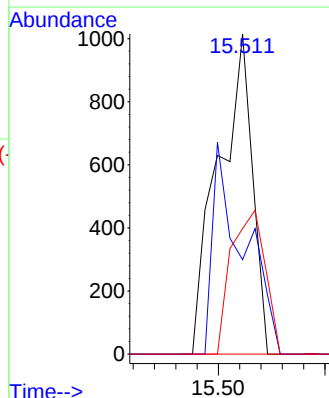
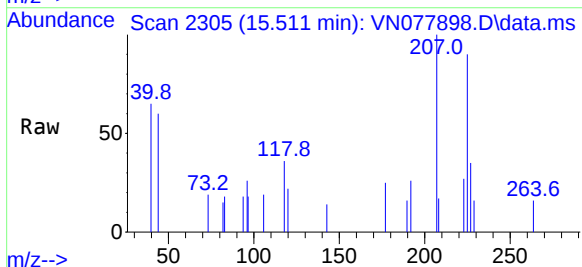
Tgt Ion:225 Resp: 1123

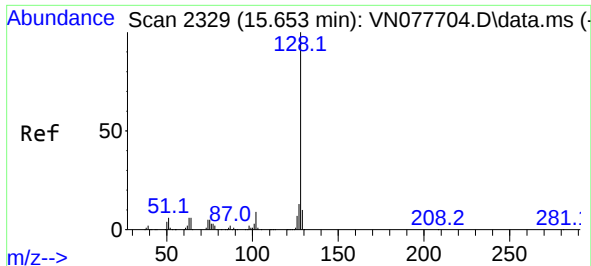
Ion Ratio Lower Upper

225 100

223 60.4 31.3 93.8

227 44.9 31.9 95.9

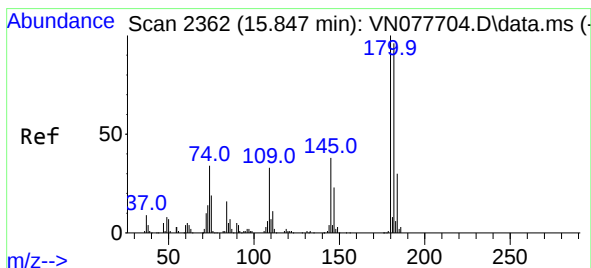
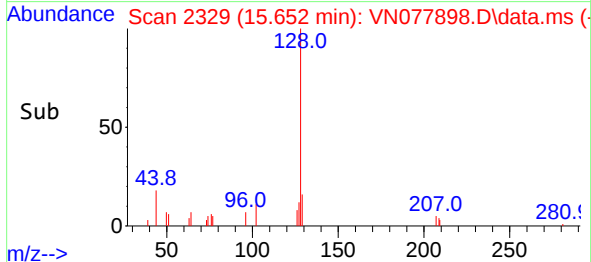
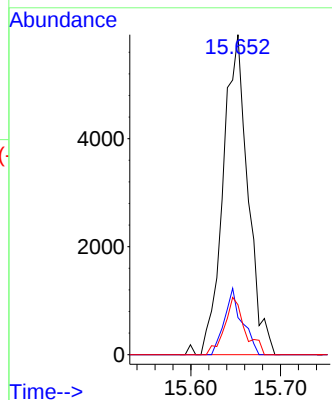
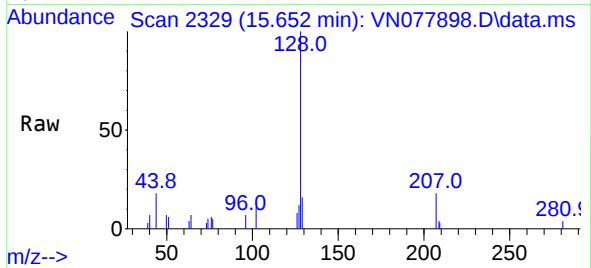




#95
Naphthalene
Concen: 0.854 ug/l
RT: 15.652 min Scan# 211
Delta R.T. 0.005 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
2002

Tgt Ion:128 Resp: 11442
Ion Ratio Lower Upper
128 100
127 14.7 10.0 15.0
129 14.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.846 ug/l
RT: 15.852 min Scan# 2363
Delta R.T. 0.005 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion:180 Resp: 3224
Ion Ratio Lower Upper
180 100
182 81.4 46.2 138.6
145 36.5 17.5 52.6

