

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077408.D
 Acq On : 20 Apr 2023 18:23
 Operator : JC\MD
 Sample : 02423-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-1

Quant Time: Apr 21 02:41:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	616397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1140042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	997249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	380025	45.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.220%
35) Dibromofluoromethane	8.172	113	344900	47.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	10.572	98	1348987	45.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.854	95	429423	43.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.900%

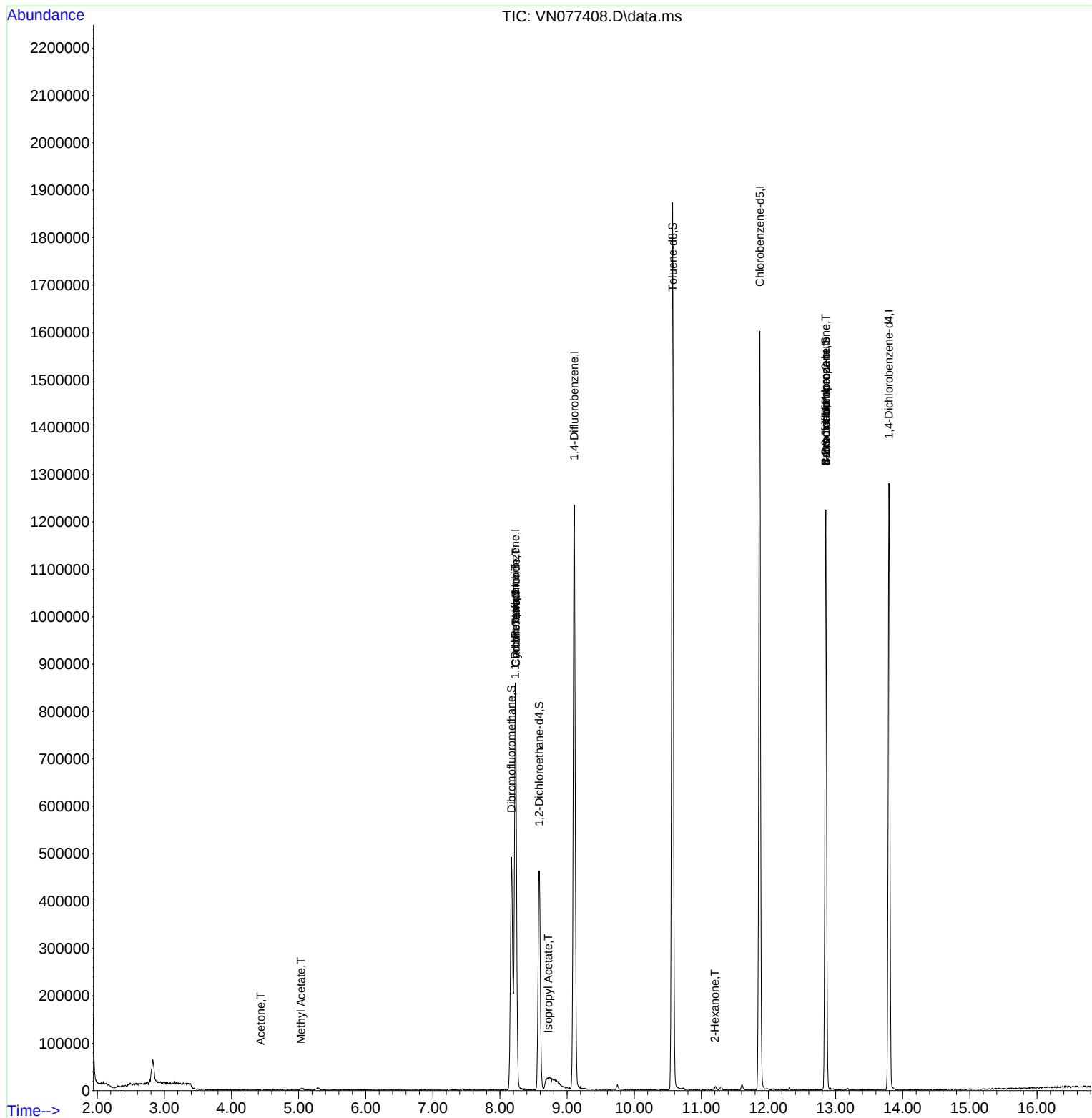
Target Compounds					Qvalue	
16) Acetone	4.437	43	1592	0.513	ug/l	94
18) Methyl Acetate	5.037	43	4060	0.343	ug/l #	45
31) Cyclohexane	8.237	56	14104	1.077	ug/l #	44
36) 1,1-Dichloropropene	8.225	75	51960	4.814	ug/l #	49
38) Carbon Tetrachloride	8.237	117	65856	5.955	ug/l #	15
43) Isopropyl Acetate	8.719	43	26761	1.502	ug/l #	59
59) 2-Hexanone	11.201	43	1764	0.230	ug/l #	24
71) Bromoform	12.854	173	2551	0.436	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	230993	27.463	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	230993	61.800	ug/l #	13

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

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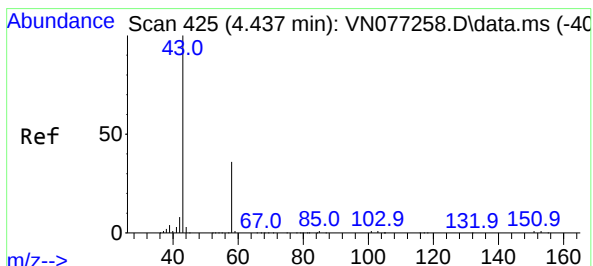
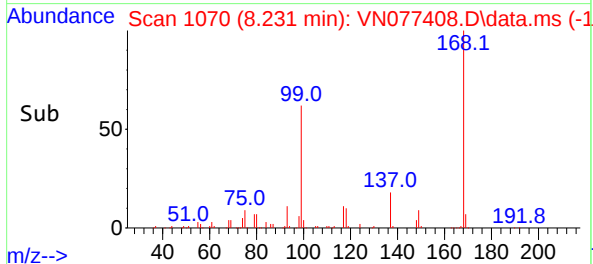
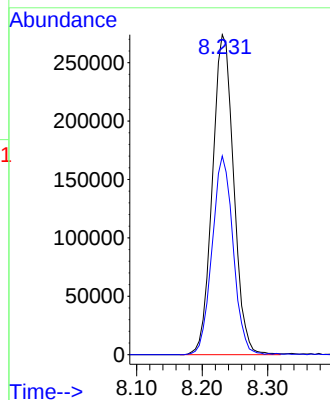
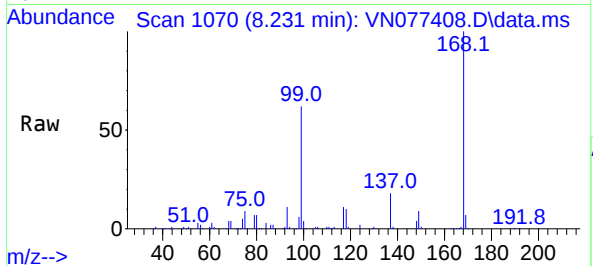




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

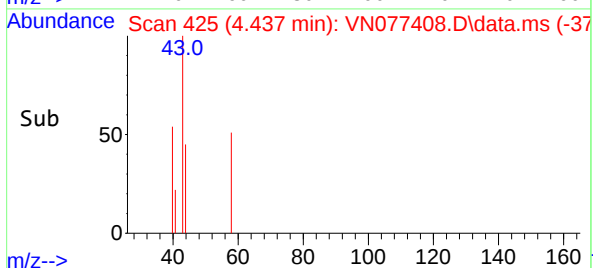
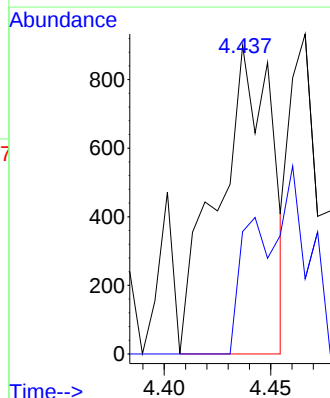
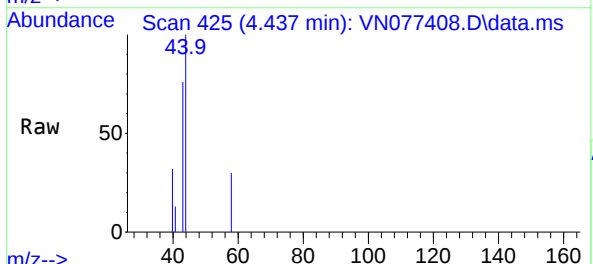
Instrument :
MSVOA_N
ClientSampleId :
EB-1

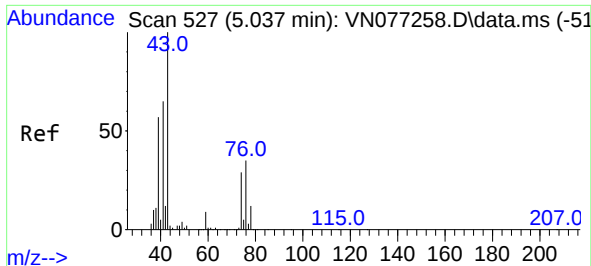
Tgt Ion:168 Resp: 616397
Ion Ratio Lower Upper
168 100
99 62.1 50.6 75.8



#16
Acetone
Concen: 0.513 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6

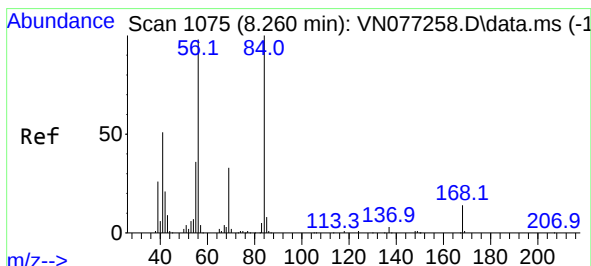
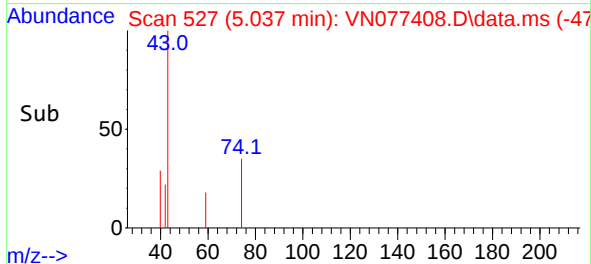
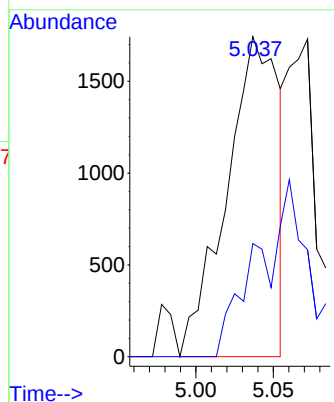
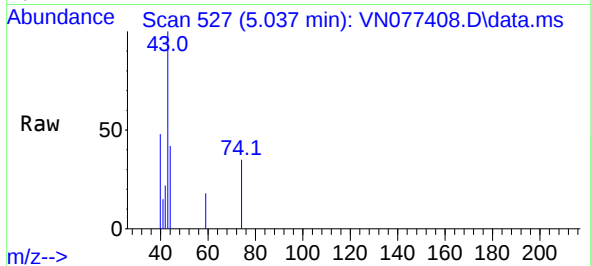




#18
Methyl Acetate
Concen: 0.343 ug/l
RT: 5.037 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

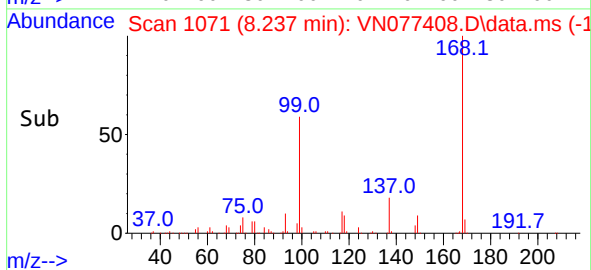
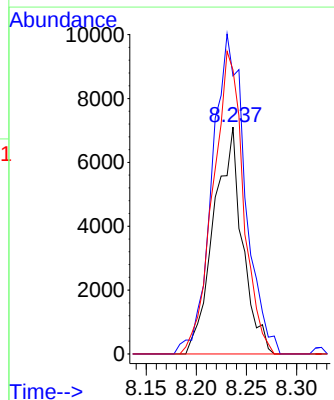
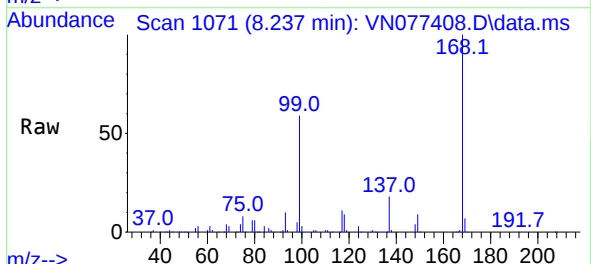
Instrument :
MSVOA_N
ClientSampleId :
EB-1

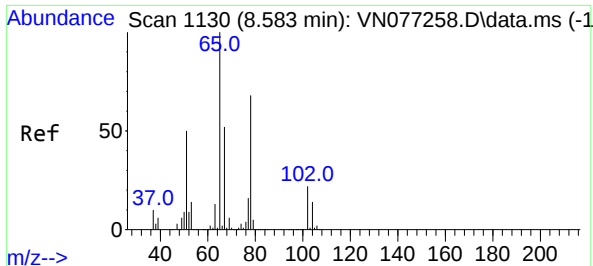
Tgt Ion: 43 Resp: 4060
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.2#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.237 min Scan# 1071
Delta R.T. -0.023 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 56 Resp: 14104
Ion Ratio Lower Upper
56 100
69 122.5 26.6 40.0#
84 125.2 81.8 122.8#

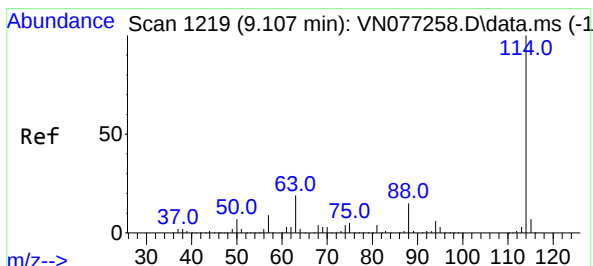
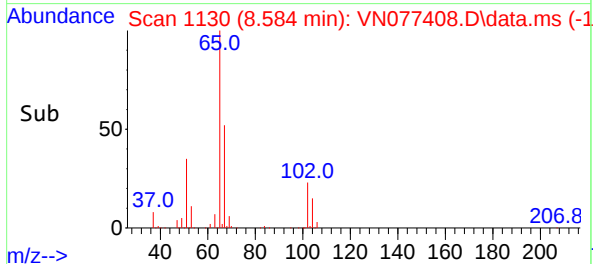
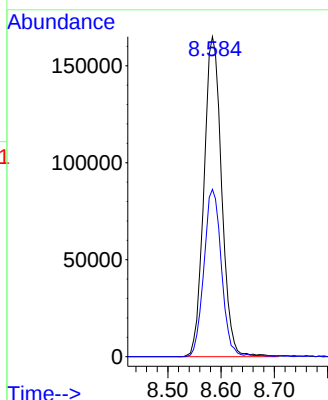
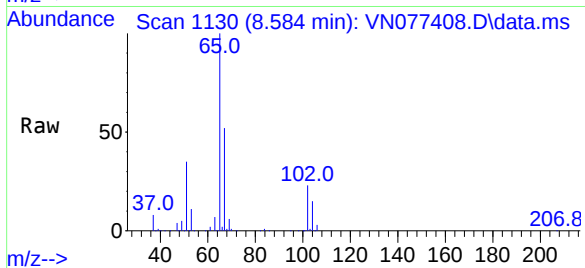




#33
1,2-Dichloroethane-d4
Concen: 45.109 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

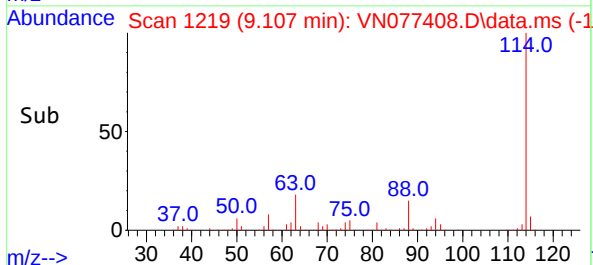
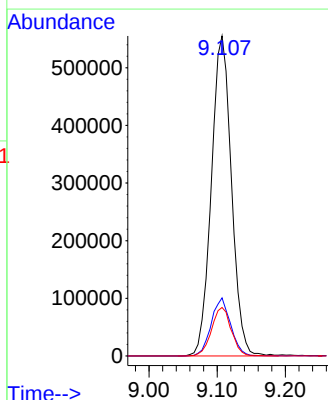
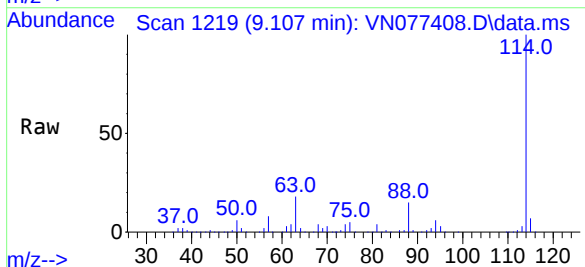
Instrument :
MSVOA_N
ClientSampleId :
EB-1

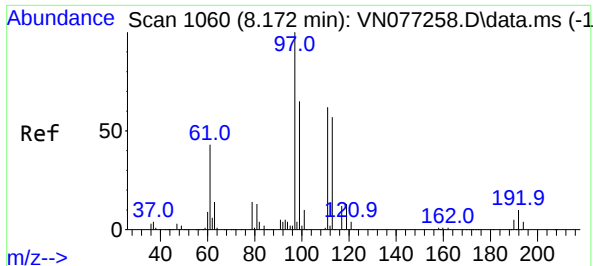
Tgt Ion: 65 Resp: 380025
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 114 Resp: 1140042
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.8
88 15.2 0.0 29.4

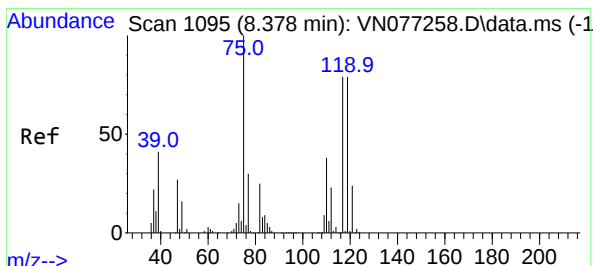
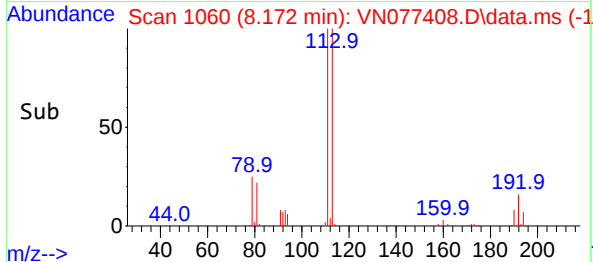
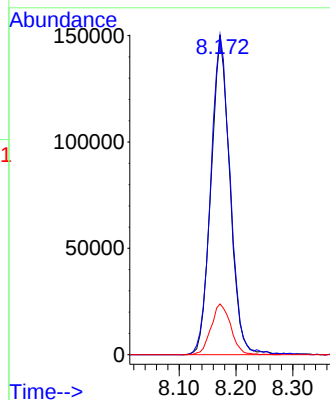
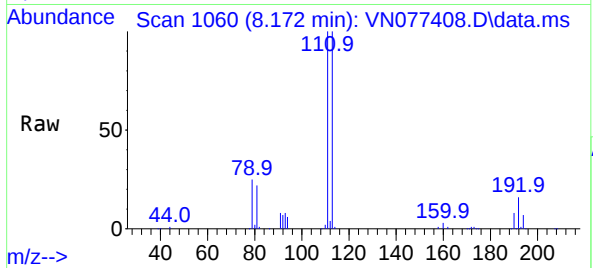




#35
Dibromofluoromethane
Concen: 47.258 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

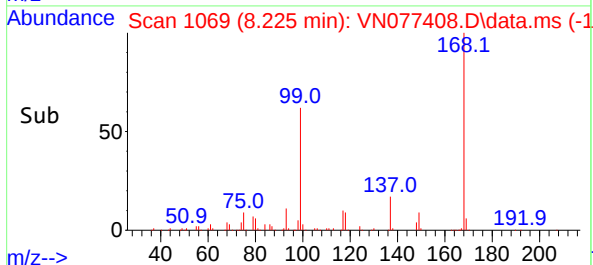
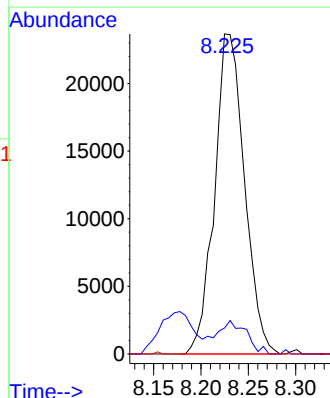
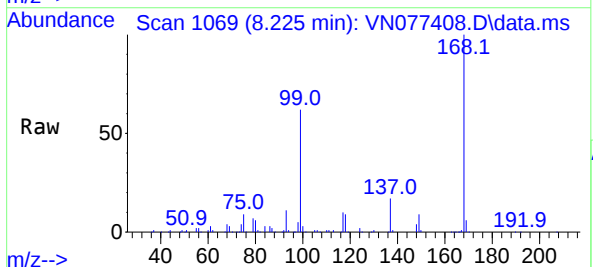
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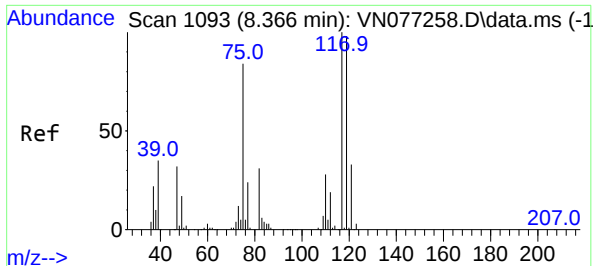
Tgt Ion:113 Resp: 344900
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 16.5 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 75 Resp: 51960
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 25.0 37.4#

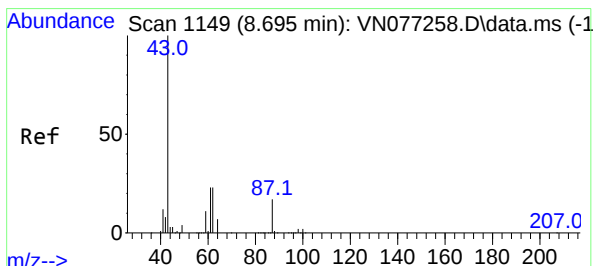
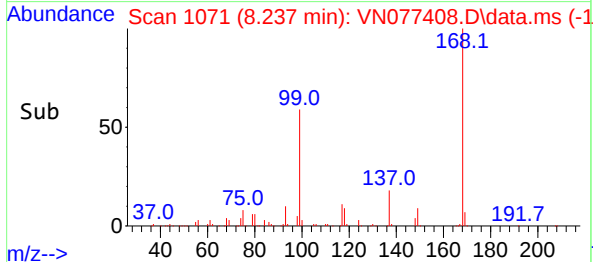
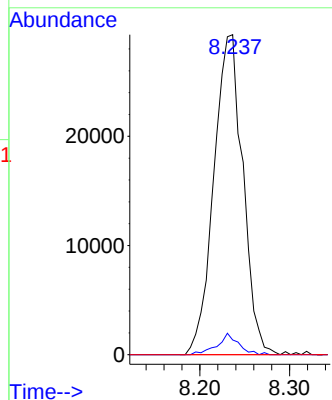
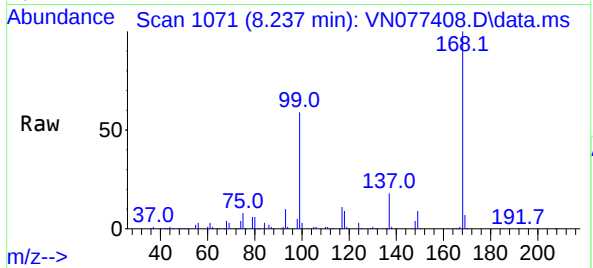




#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 8.237 min Scan# 1153
Delta R.T. -0.129 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

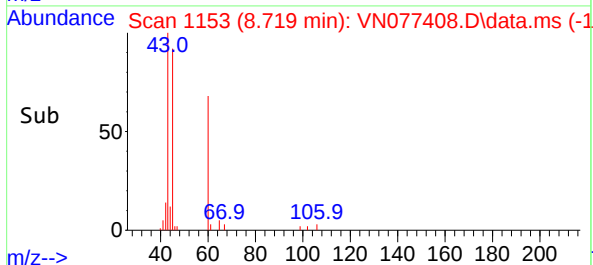
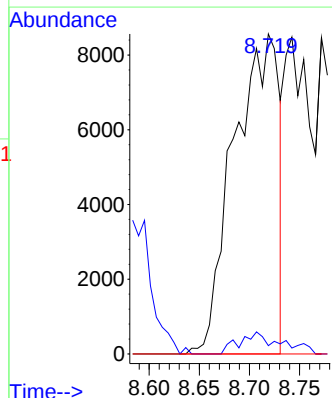
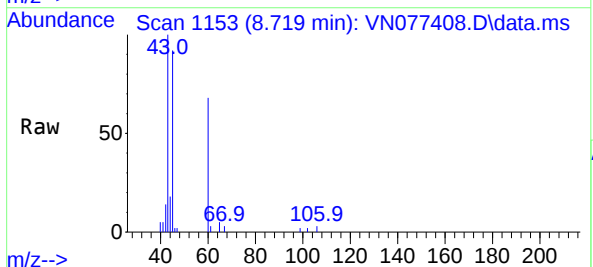
Instrument :
MSVOA_N
ClientSampleId :
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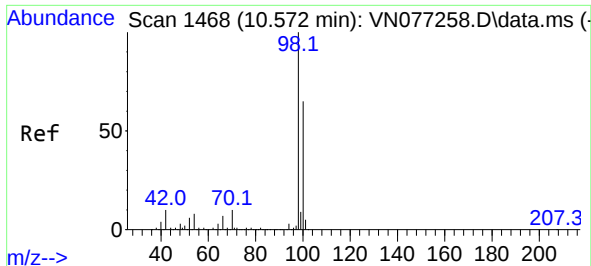
Tgt Ion:117 Resp: 65856
Ion Ratio Lower Upper
117 100
119 4.6 78.5 117.7#
121 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.502 ug/l
RT: 8.719 min Scan# 1153
Delta R.T. 0.024 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 43 Resp: 26761
Ion Ratio Lower Upper
43 100
61 6.3 22.7 34.1#
87 0.0 13.6 20.4#

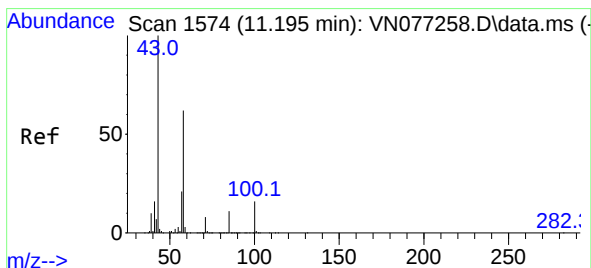
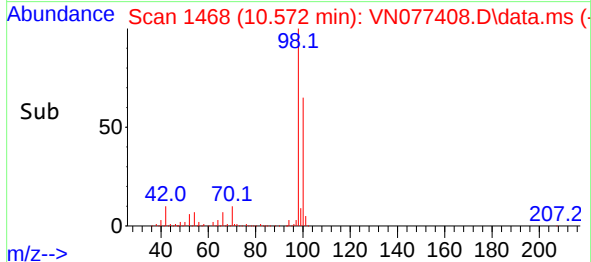
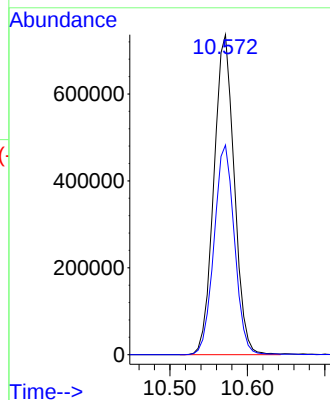
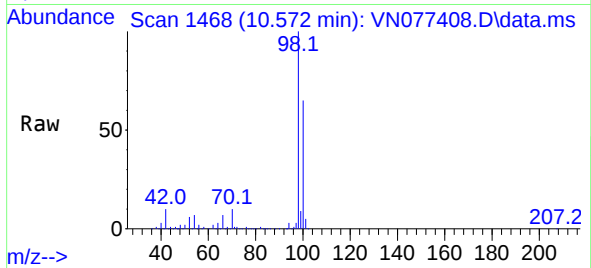




#50
Toluene-d8
Concen: 45.915 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

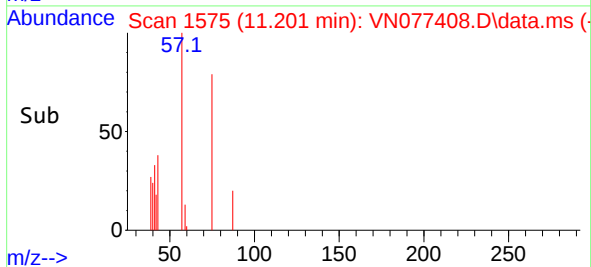
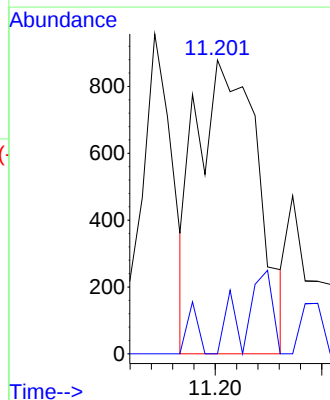
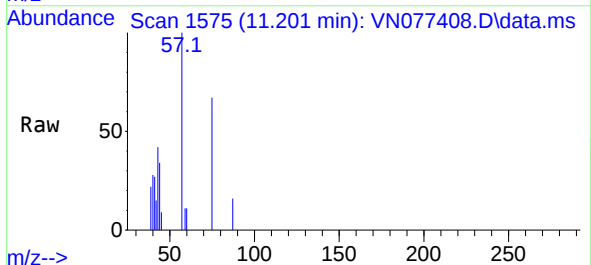
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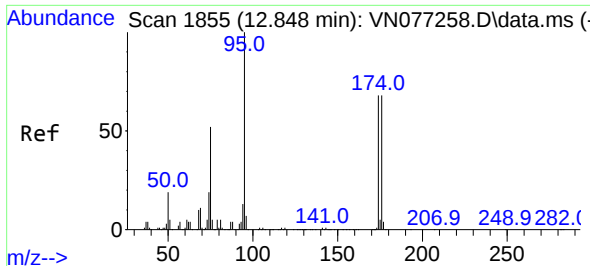
Tgt Ion: 98 Resp: 1348987
Ion Ratio Lower Upper
98 100
100 65.7 51.3 76.9



#59
2-Hexanone
Concen: 0.230 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 43 Resp: 1764
Ion Ratio Lower Upper
43 100
58 3.1 30.9 92.5#

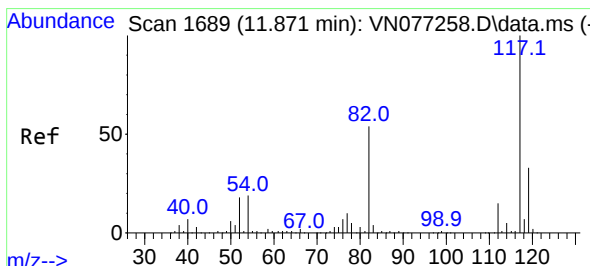
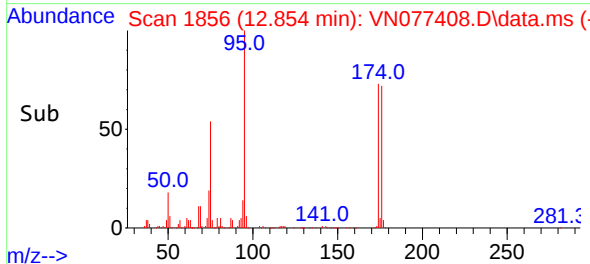
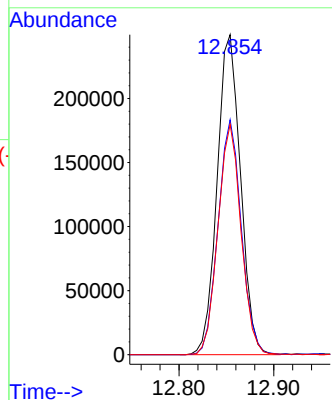
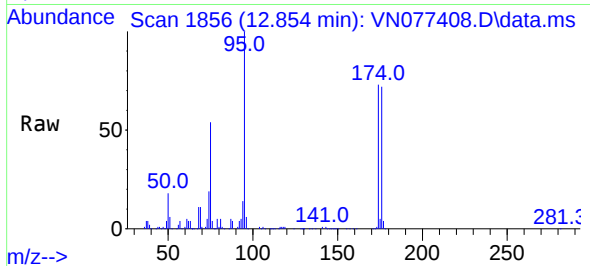




#62
4-Bromofluorobenzene
Concen: 43.947 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

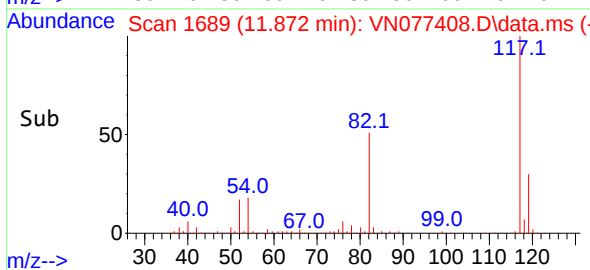
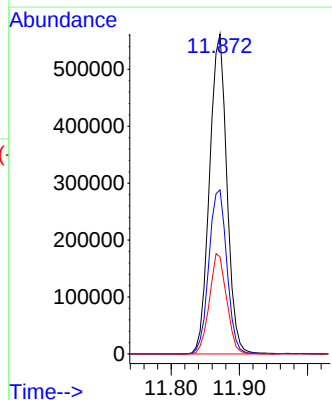
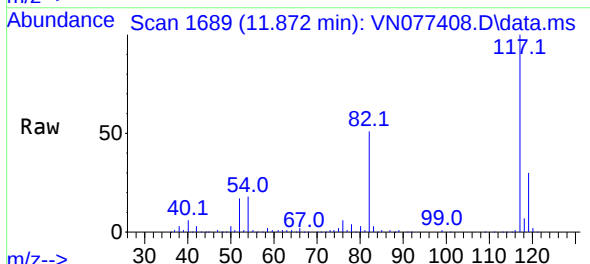
Instrument :
MSVOA_N
ClientSampleId :
EB-1

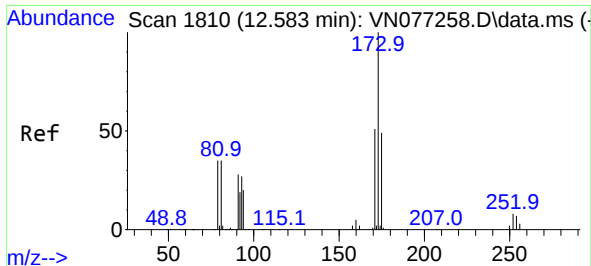
Tgt Ion: 95 Resp: 429423
Ion Ratio Lower Upper
95 100
174 72.9 0.0 146.8
176 70.9 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 117 Resp: 997249
Ion Ratio Lower Upper
117 100
82 51.3 42.9 64.3
119 30.4 26.2 39.4

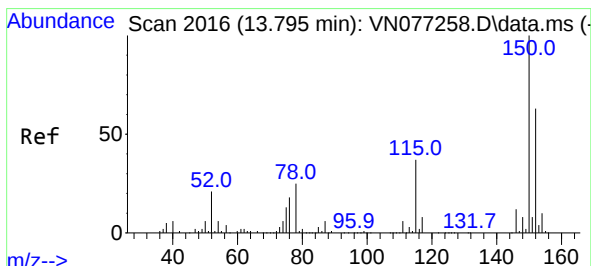
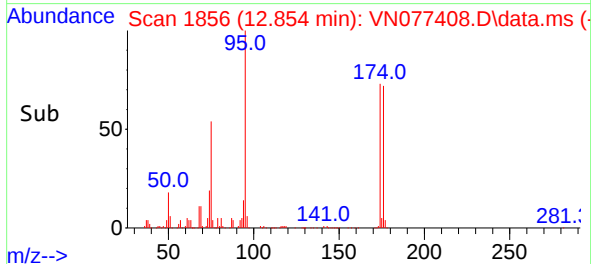
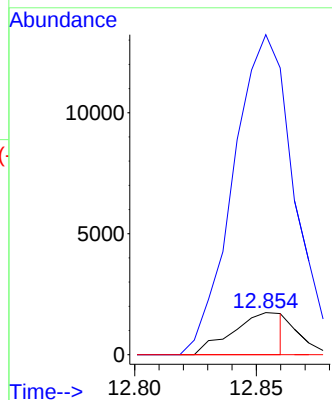
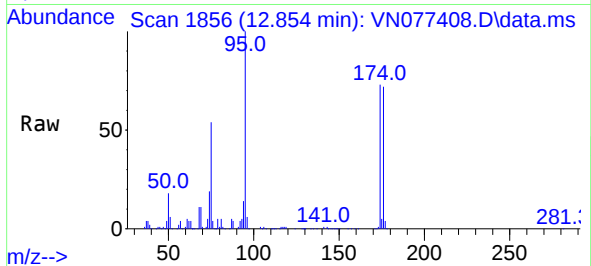




#71
Bromoform
Concen: 0.436 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

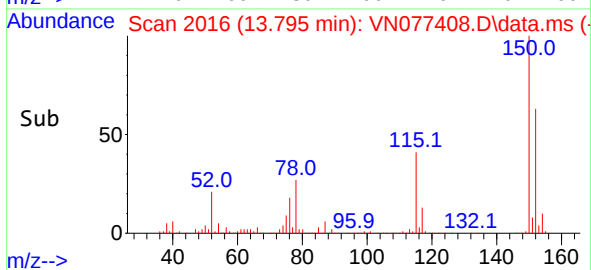
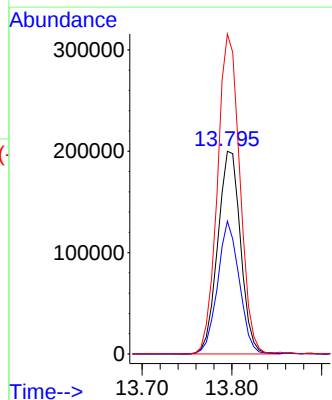
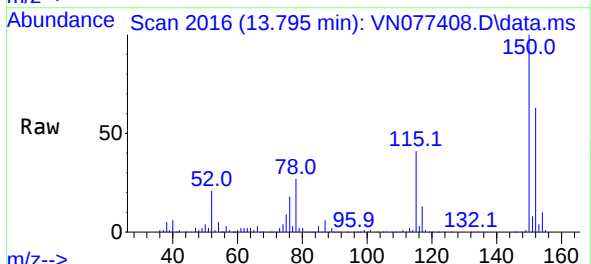
Instrument :
MSVOA_N
ClientSampleId :
EB-1

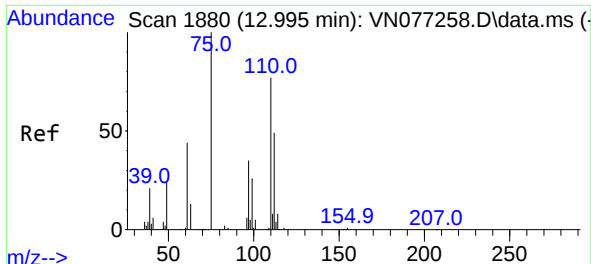
Tgt Ion:173 Resp: 2551
Ion Ratio Lower Upper
173 100
175 731.8 24.1 72.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion:152 Resp: 353223
Ion Ratio Lower Upper
152 100
115 62.3 32.1 96.3
150 154.9 0.0 354.8

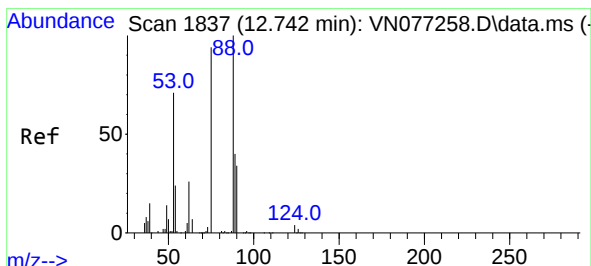
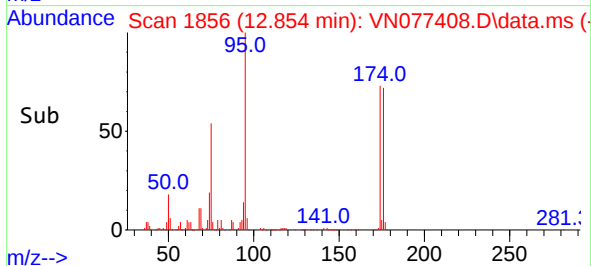
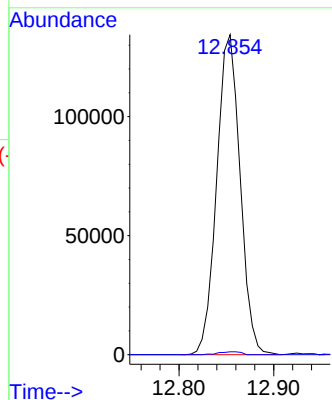
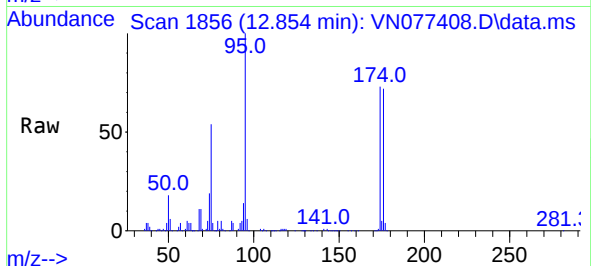




#76
1,2,3-Trichloropropane
Concen: 27.463 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
EB-1

Tgt Ion: 75 Resp: 230993
Ion Ratio Lower Upper
75 100
77 0.9 88.3 264.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.800 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 75 Resp: 230993
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#

