

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077787.D
 Acq On : 22 May 2023 14:17
 Operator : JC\MD
 Sample : 02880-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB02-20230517

Quant Time: May 23 04:19:36 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

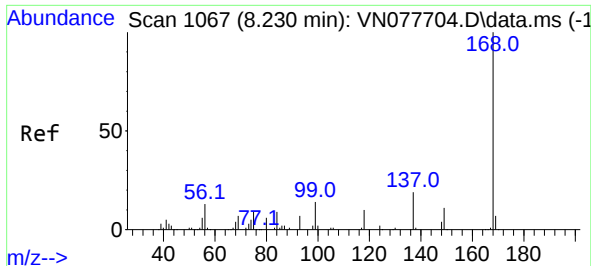
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	395537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	706792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	607379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257899	43.577	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.160%		
35) Dibromofluoromethane	8.177	113	226843	49.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.440%		
50) Toluene-d8	10.576	98	859087	48.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.860%		
62) 4-Bromofluorobenzene	12.853	95	272787	43.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.080%		
Target Compounds						
3) Chloromethane	2.377	50	1361	Below Cal	#	64
13) Acrolein	4.206	56	129	Below Cal	#	70
16) Acetone	4.459	43	1784	0.958	ug/l #	40
20) Methylene Chloride	5.277	84	808	Below Cal	#	61
31) Cyclohexane	8.229	56	8990	1.118	ug/l #	26
36) 1,1-Dichloropropene	8.235	75	33141	4.916	ug/l #	48
38) Carbon Tetrachloride	8.229	117	43602	6.405	ug/l #	17
44) Trichloroethene	9.359	130	1223	0.243	ug/l	99
51) 4-Methyl-2-Pentanone	10.570	43	3546	0.608	ug/l #	1
71) Bromoform	12.853	173	1523	0.503	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	142060	28.671	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	142060	91.647	ug/l #	15

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

Quant Time: May 23 04:19:36 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

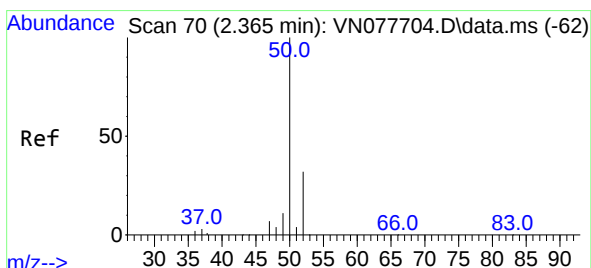
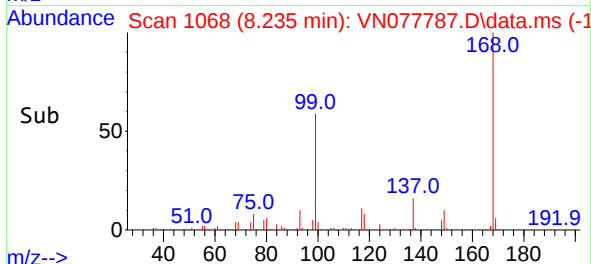
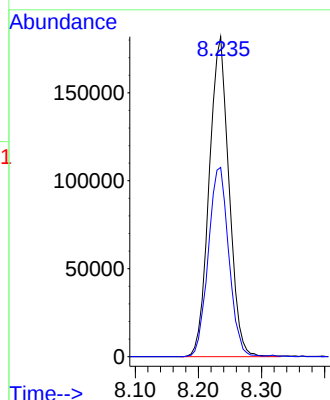
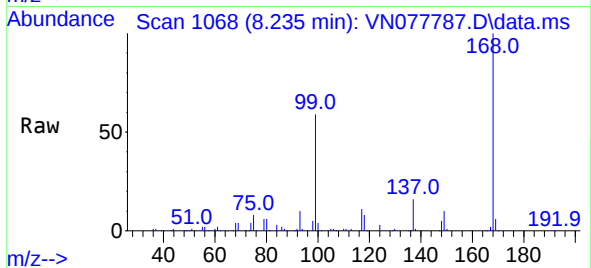




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

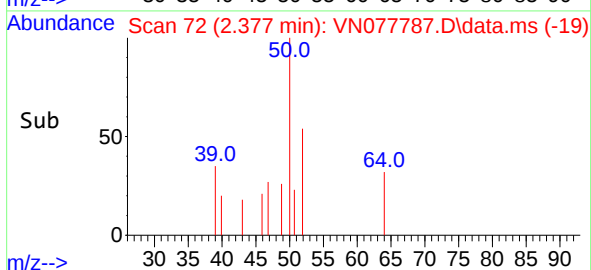
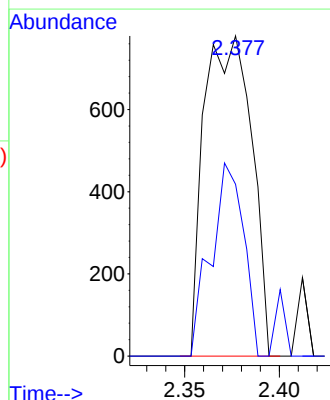
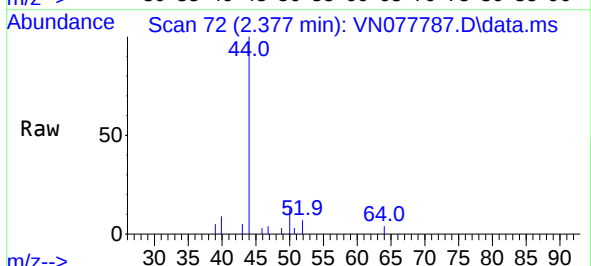
Instrument :
MSVOA_N
ClientSampleId :
TB02-20230517

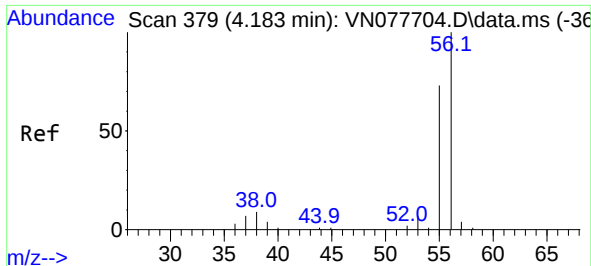
Tgt Ion:168 Resp: 395537
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion: 50 Resp: 1361
Ion Ratio Lower Upper
50 100
52 53.7 26.5 39.7#

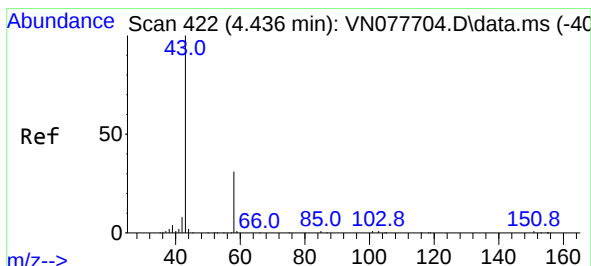
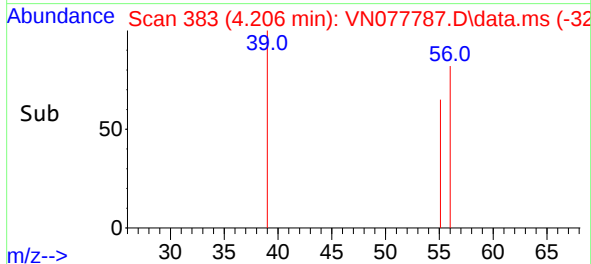
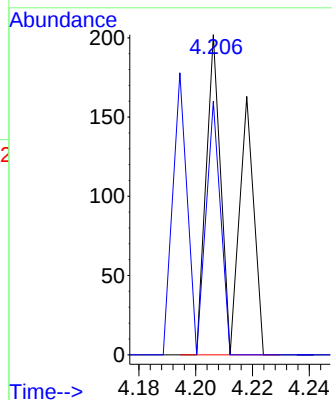
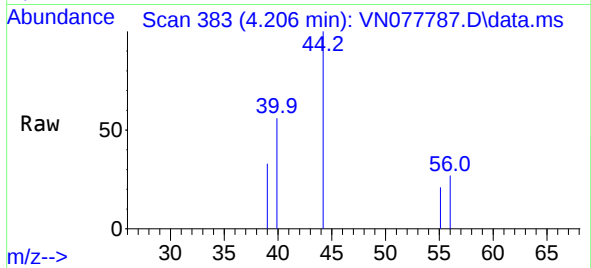




#13
Acrolein
Concen: Below Cal
RT: 4.206 min Scan# 383
Delta R.T. 0.017 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

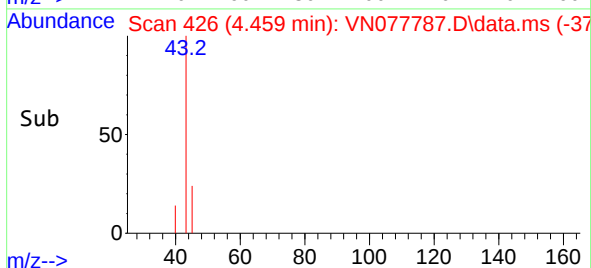
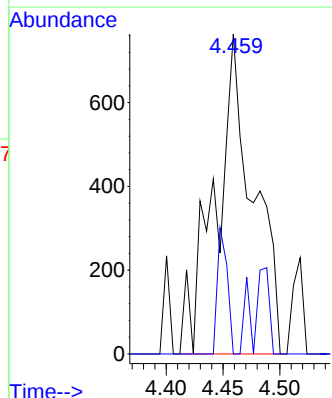
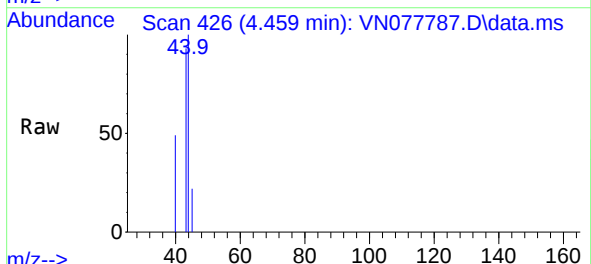
Instrument :
MSVOA_N
ClientSampleId :
TB02-20230517

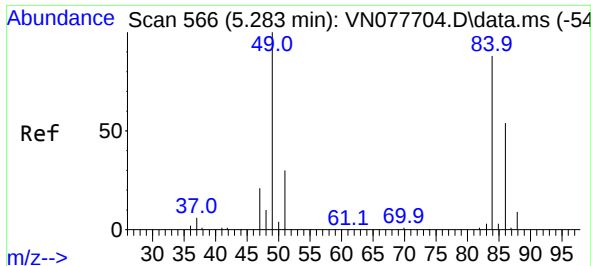
Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 92.2 54.5 81.7#



#16
Acetone
Concen: 0.958 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

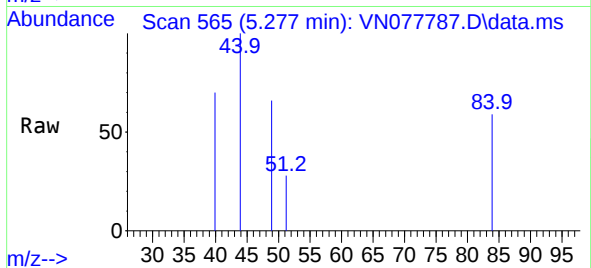
Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





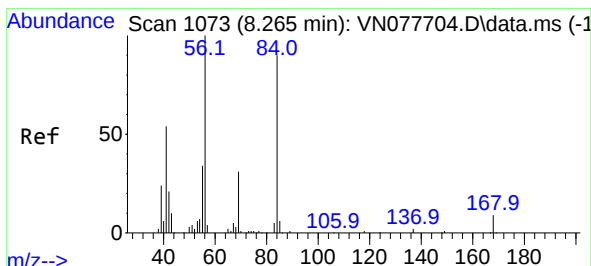
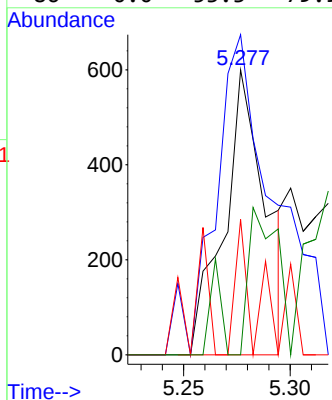
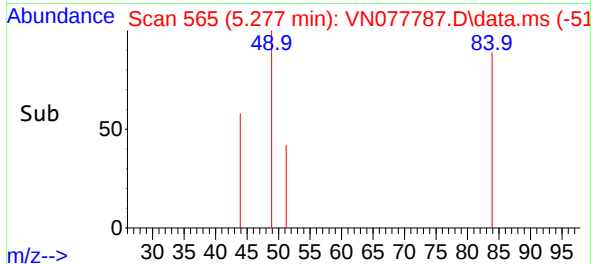
#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Instrument :
MSVOA_N
ClientSampleId :
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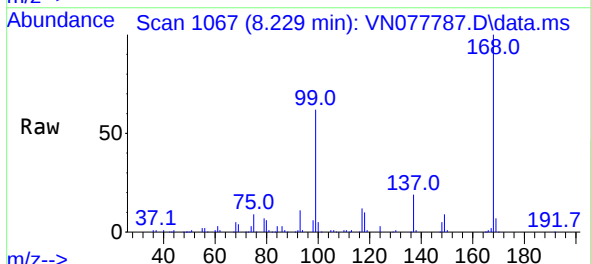


Tgt Ion: 84 Resp: 808

Ion	Ratio	Lower	Upper
84	100		
49	87.3	79.7	119.5
51	47.5	25.2	37.8#
86	0.0	53.3	79.9#

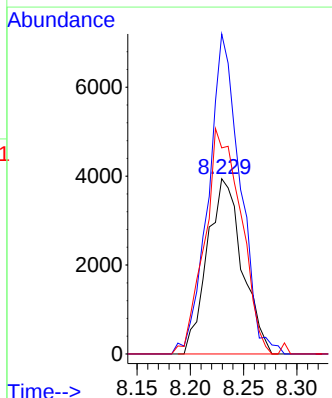
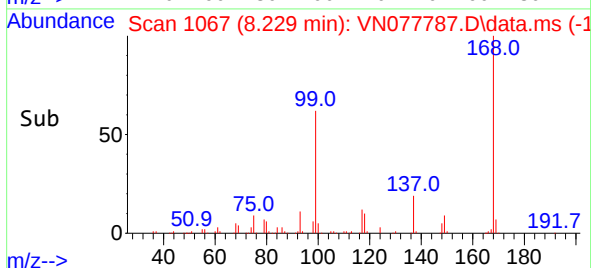


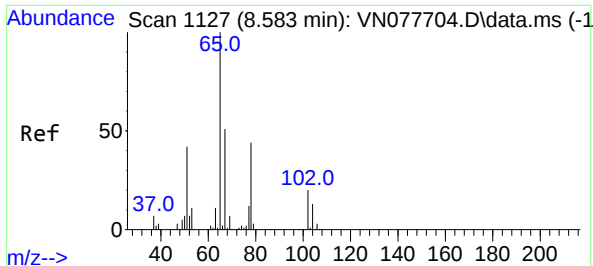
#31
Cyclohexane
Concen: 1.118 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17



Tgt Ion: 56 Resp: 8990

Ion	Ratio	Lower	Upper
56	100		
69	178.0	26.8	40.2#
84	117.6	81.8	122.6

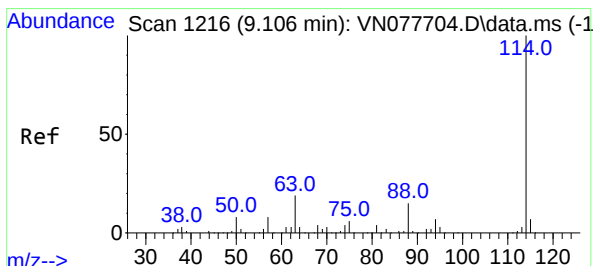
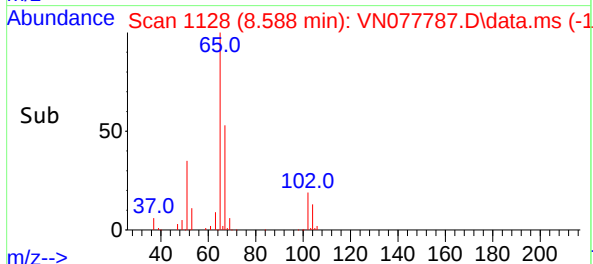
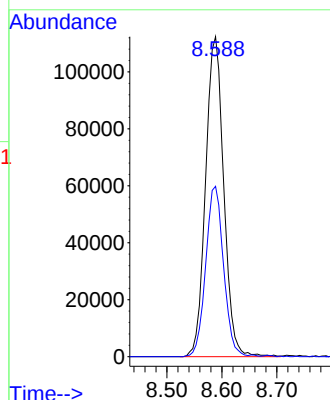
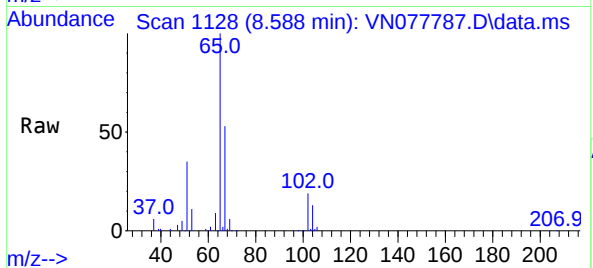




#33
1,2-Dichloroethane-d4
Concen: 43.577 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

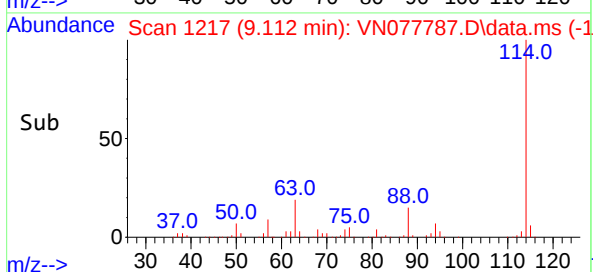
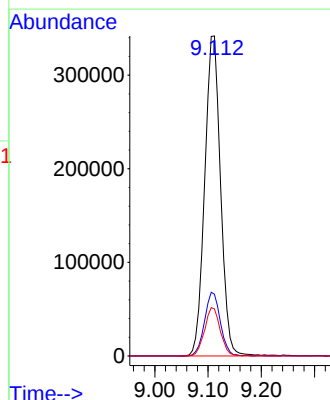
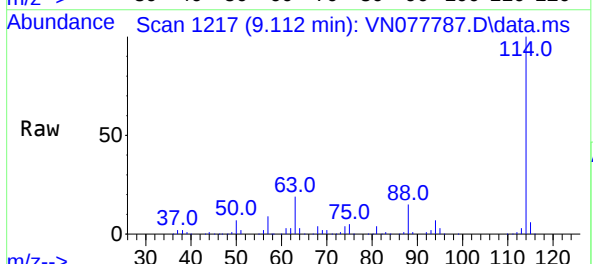
Instrument :
MSVOA_N
ClientSampleId :
TB02-20230517

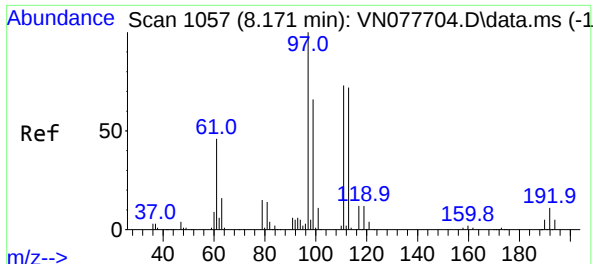
Tgt Ion: 65 Resp: 257899
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion: 114 Resp: 706792
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 14.7 0.0 30.6

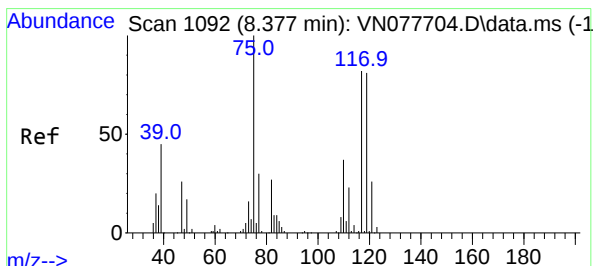
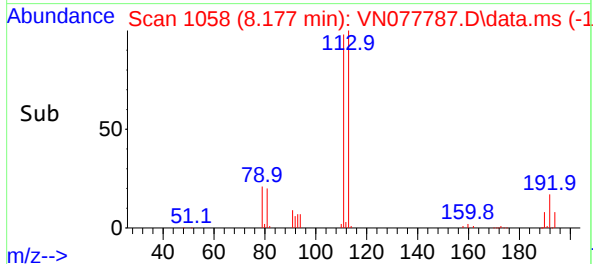
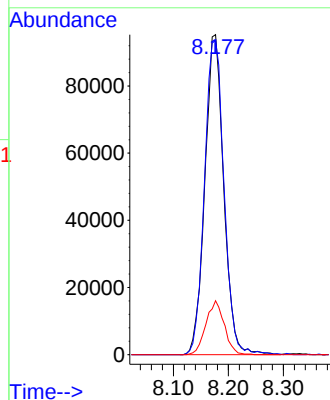
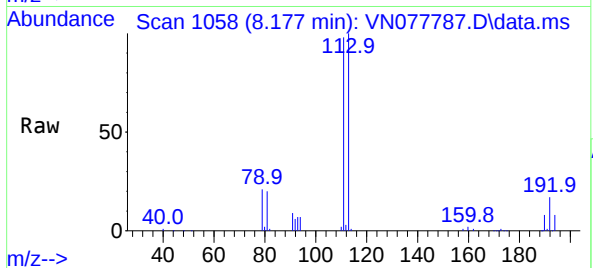




#35
Dibromofluoromethane
Concen: 49.218 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

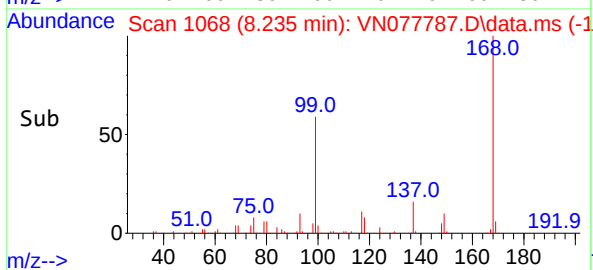
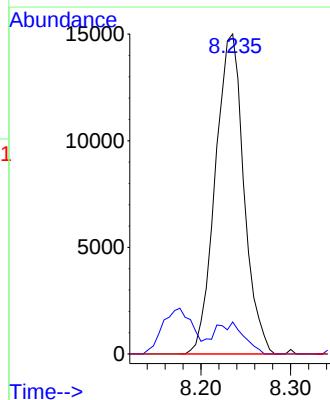
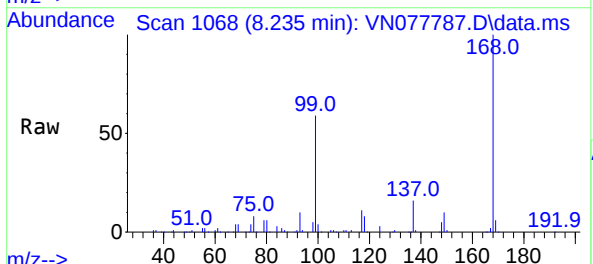
Instrument :
MSVOA_N
ClientSampleId :
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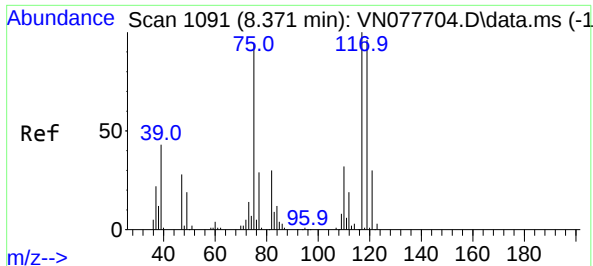
Tgt Ion:113 Resp: 226843
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 16.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion: 75 Resp: 33141
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.0 25.0 37.4#

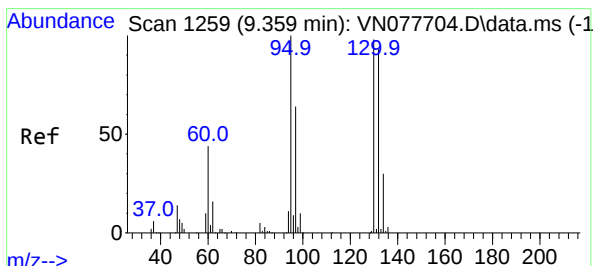
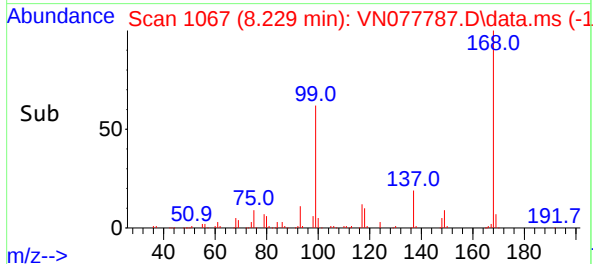
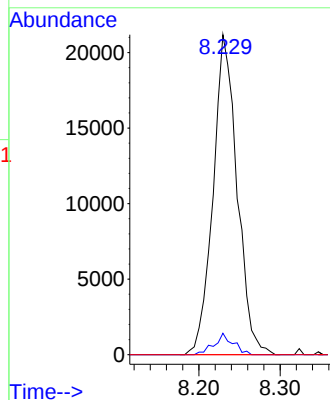
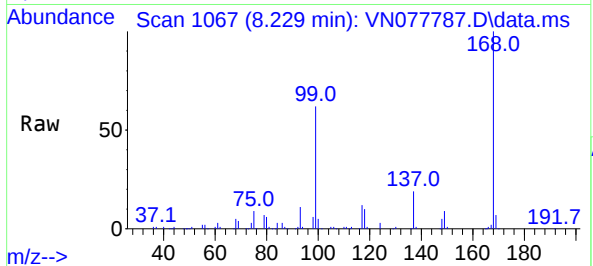




#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

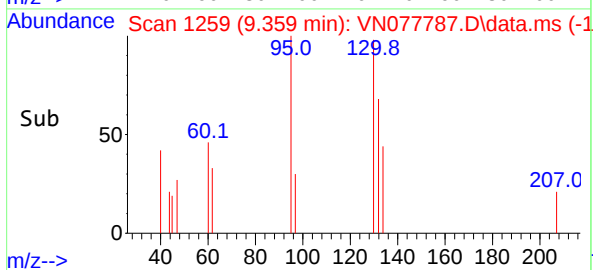
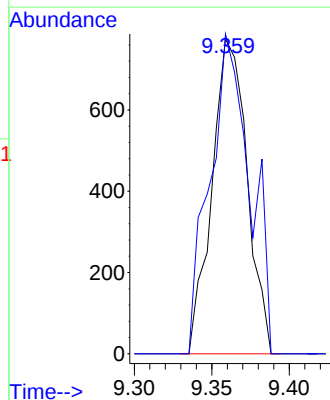
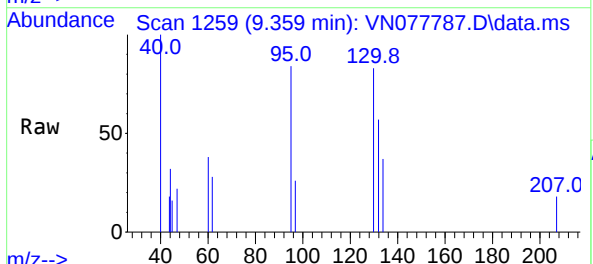
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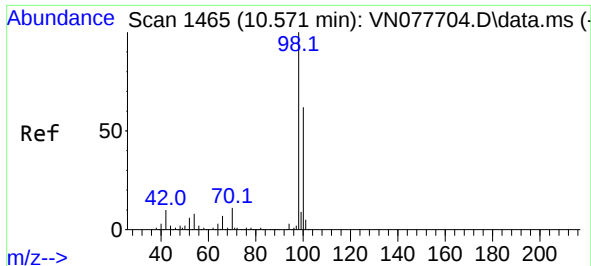
Tgt Ion:117 Resp: 43602
Ion Ratio Lower Upper
117 100
119 6.7 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.243 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion:130 Resp: 1223
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.6

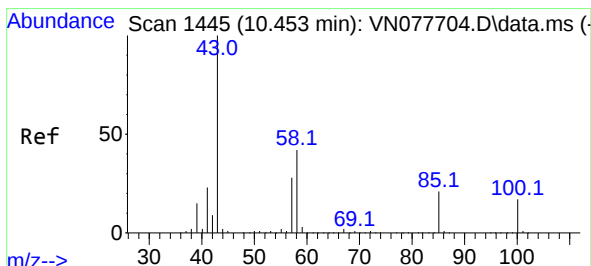
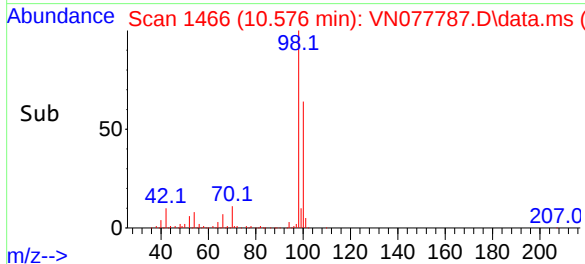
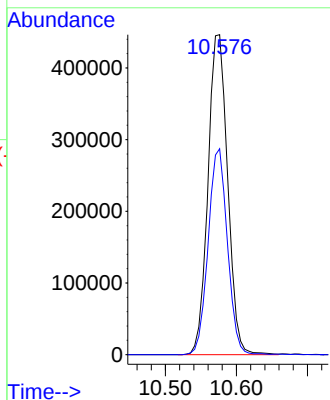
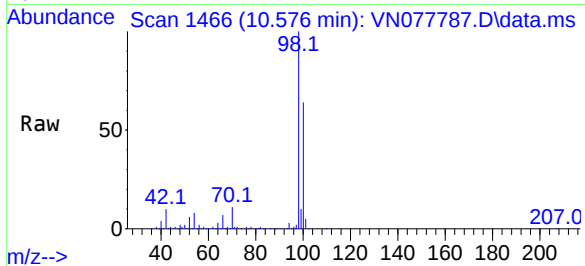




#50
Toluene-d8
Concen: 48.426 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

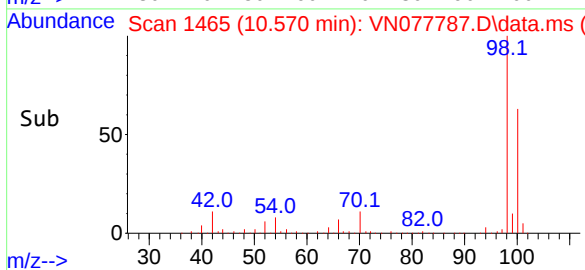
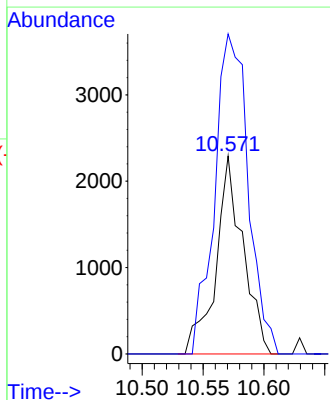
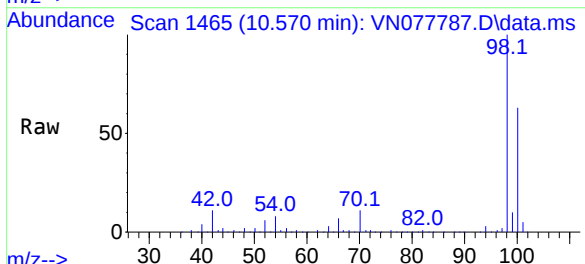
Instrument :
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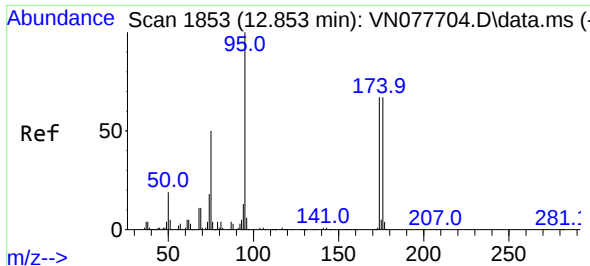
Tgt Ion: 98 Resp: 859087
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion: 43 Resp: 3546
Ion Ratio Lower Upper
43 100
58 200.8 36.6 54.8#

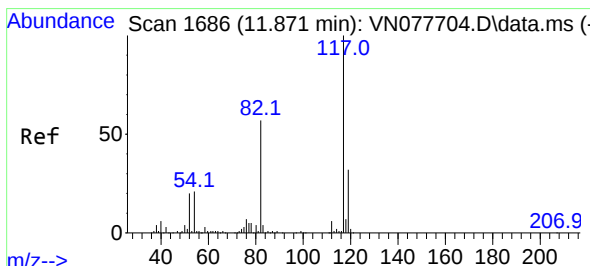
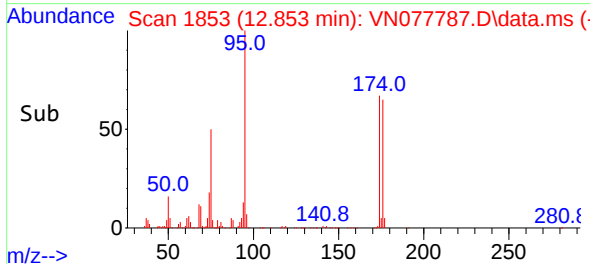
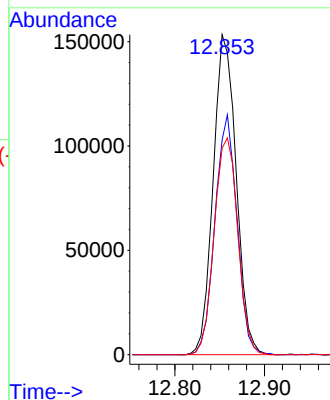
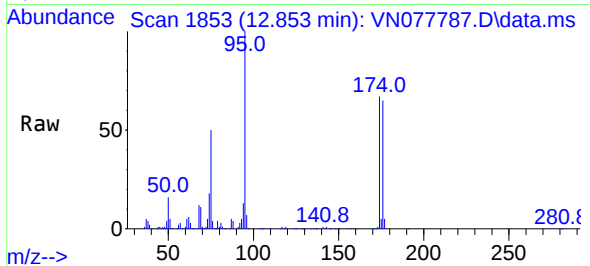




#62
4-Bromofluorobenzene
Concen: 43.538 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

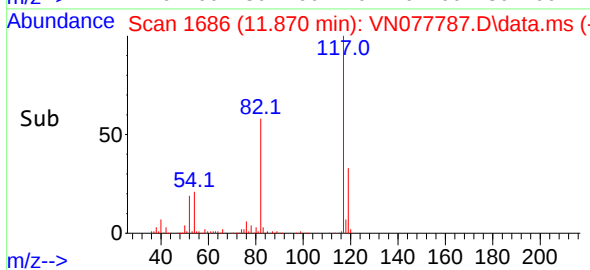
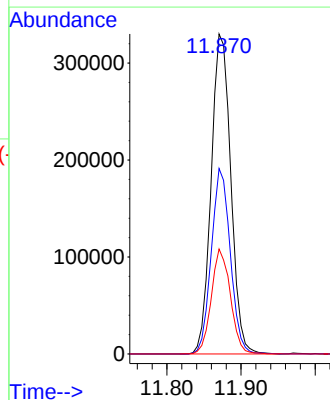
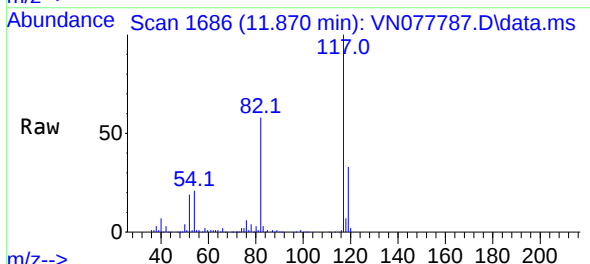
Instrument :
MSVOA_N
ClientSampleId :
TB02-20230517

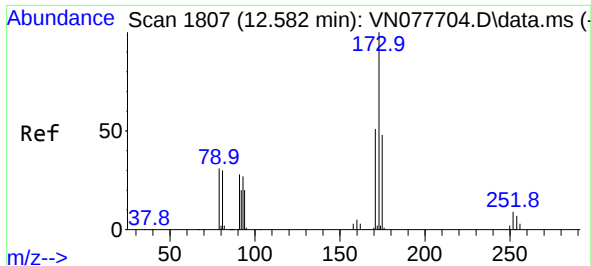
Tgt Ion: 95 Resp: 272787
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 69.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion: 117 Resp: 607379
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.8 25.6 38.4

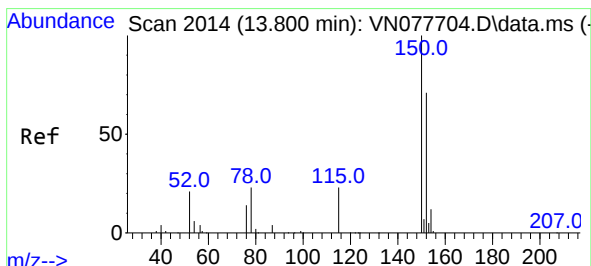
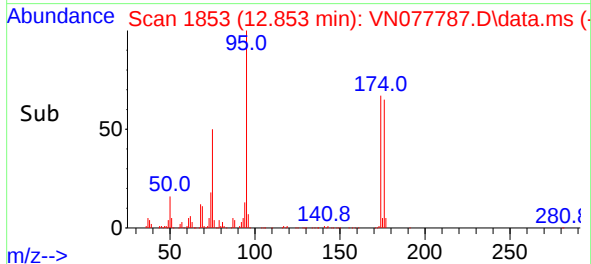
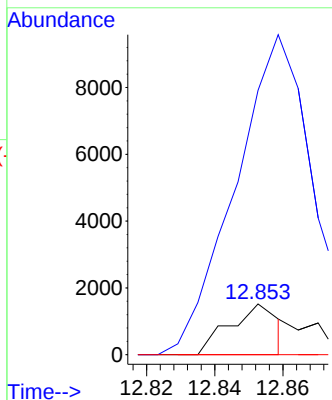
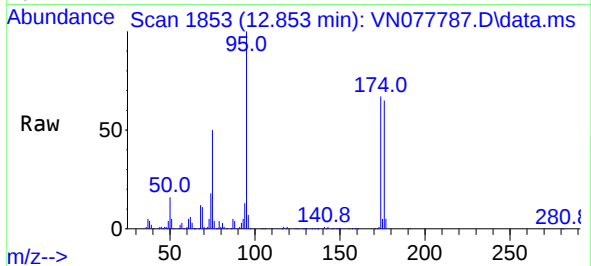




#71
Bromoform
Concen: 0.503 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

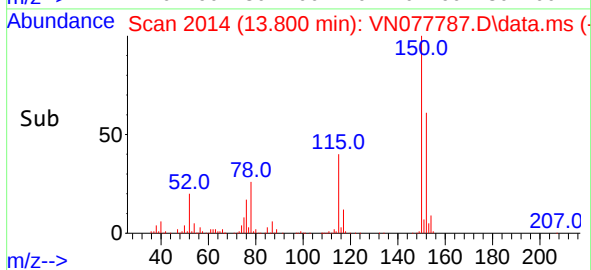
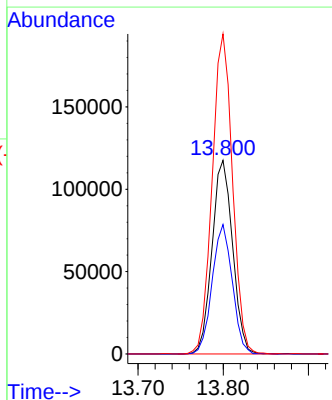
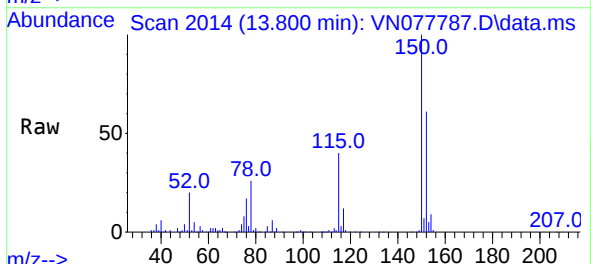
Instrument :
MSVOA_N
ClientSampleId :
TB02-20230517

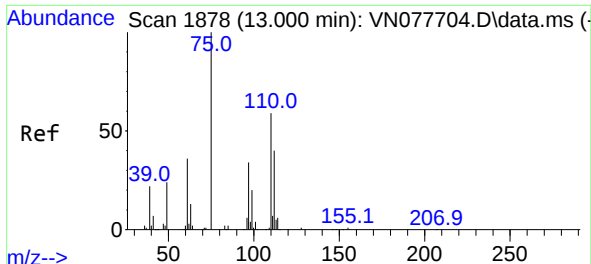
Tgt Ion:173 Resp: 1523
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion:152 Resp: 197850
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 162.8 0.0 355.8

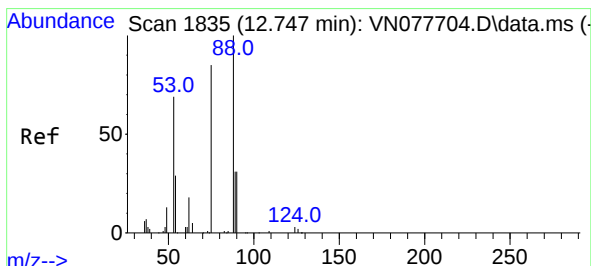
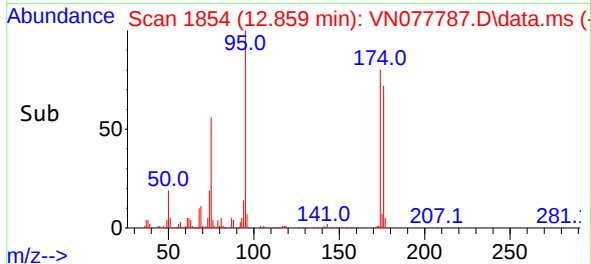
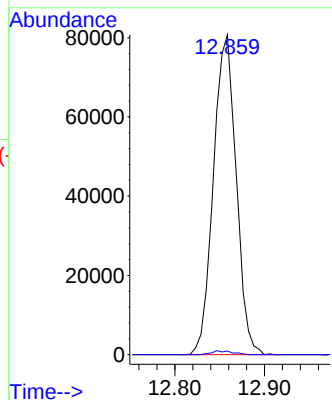
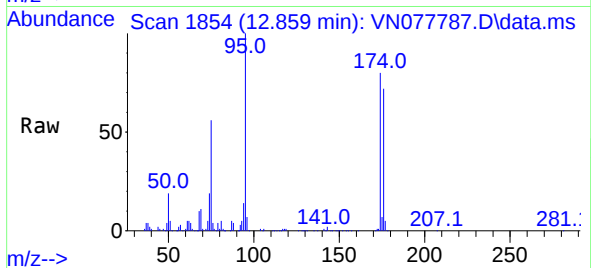




#76
1,2,3-Trichloropropane
Concen: 28.671 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Instrument :
MSVOA_N
ClientSampleId :
TB02-20230517

Tgt Ion: 75 Resp: 142060
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.647 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077787.D
Acq: 22 May 2023 14:17

Tgt Ion: 75 Resp: 142060
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

