

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077780.D
 Acq On : 22 May 2023 11:20
 Operator : JC\MD
 Sample : VN0522WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBL01

Quant Time: May 23 04:18:00 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

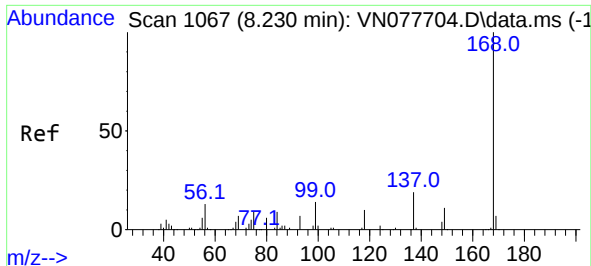
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	376467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	678121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	589713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	211265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	253425	44.990	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.980%		
35) Dibromofluoromethane	8.177	113	213183	48.210	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	10.571	98	818507	48.090	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.853	95	266850	44.392	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1163	Below Cal	#	76
10) Methyl Iodide	4.624	142	1027	0.207	ug/l #	38
13) Acrolein	4.200	56	499	Below Cal	#	48
16) Acetone	4.453	43	743	0.419	ug/l #	40
20) Methylene Chloride	5.306	84	590	Below Cal	#	44
31) Cyclohexane	8.235	56	9470	1.237	ug/l #	56
36) 1,1-Dichloropropene	8.230	75	30670	4.742	ug/l #	48
38) Carbon Tetrachloride	8.230	117	43145	6.606	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.177	63	1885	0.537	ug/l #	72
76) 1,2,3-Trichloropropane	12.853	75	135410	25.593	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	135410	81.810	ug/l #	15
95) Naphthalene	15.653	128	3787	0.262	ug/l #	85

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

Quant Time: May 23 04:18:00 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

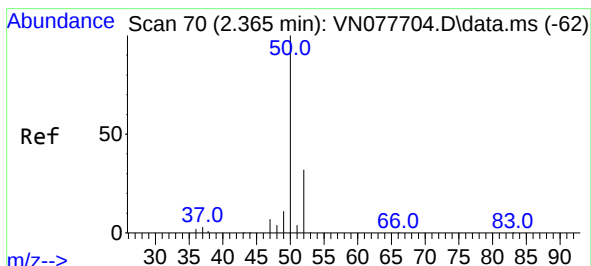
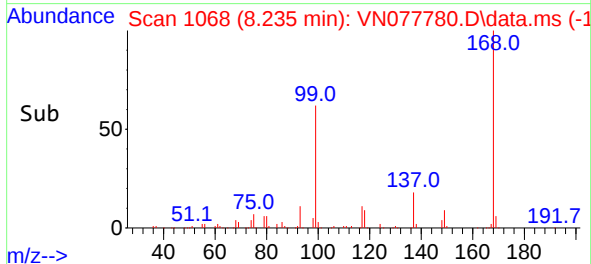
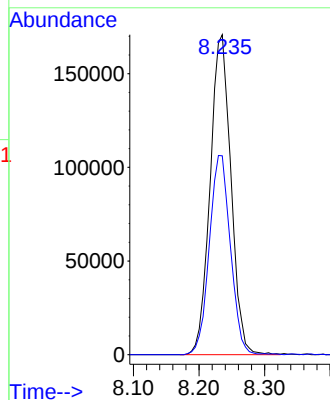
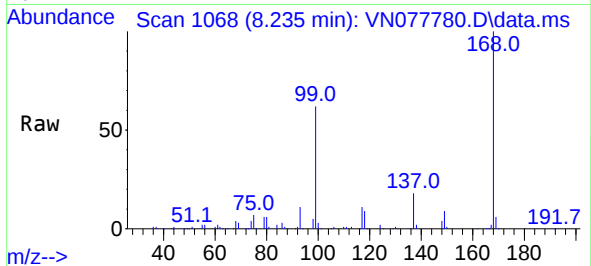




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

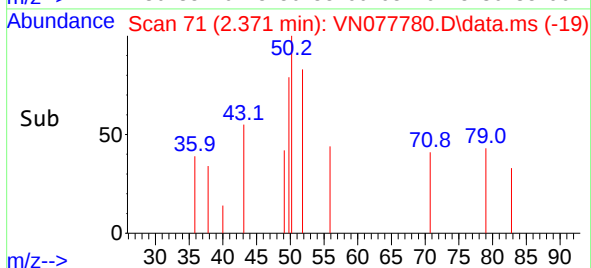
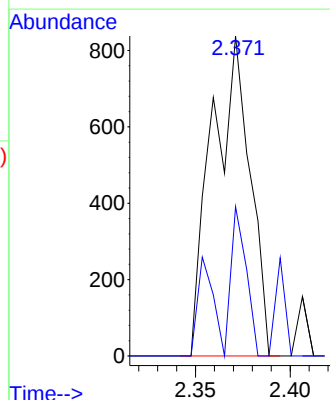
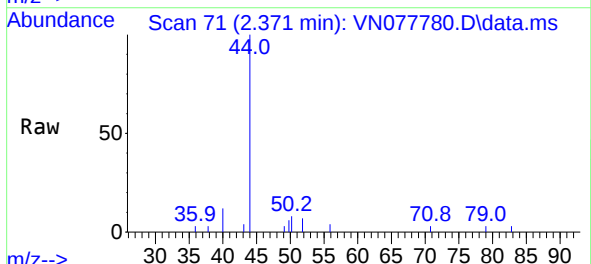
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

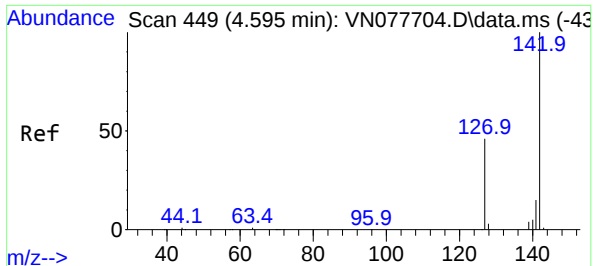
Tgt Ion:168 Resp: 376467
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

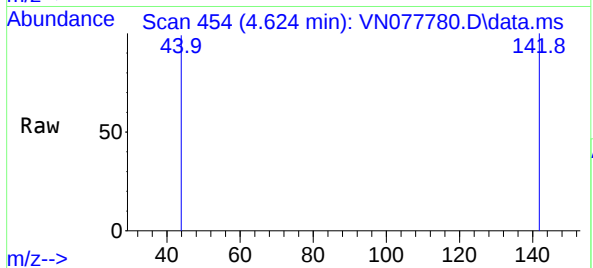
Tgt Ion: 50 Resp: 1163
Ion Ratio Lower Upper
50 100
52 46.7 26.5 39.7#



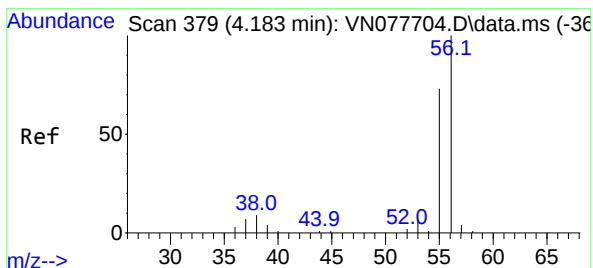
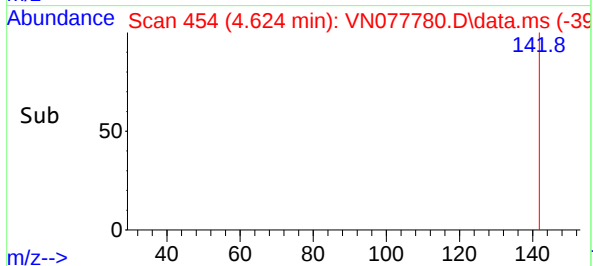
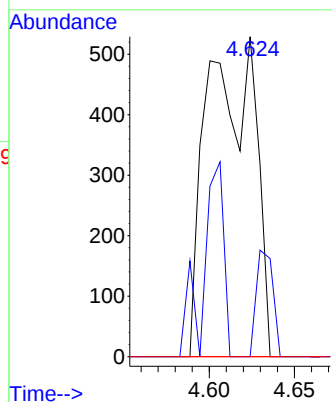


#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 4.624 min Scan# 41
Delta R.T. 0.030 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

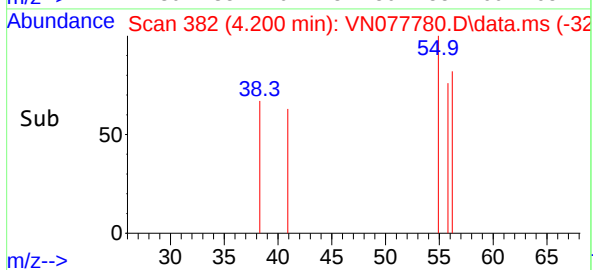
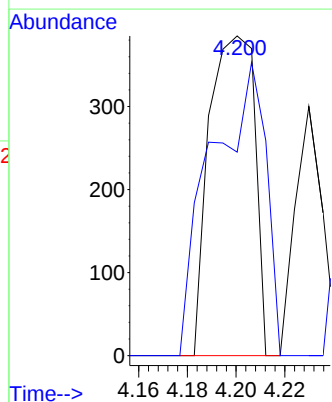
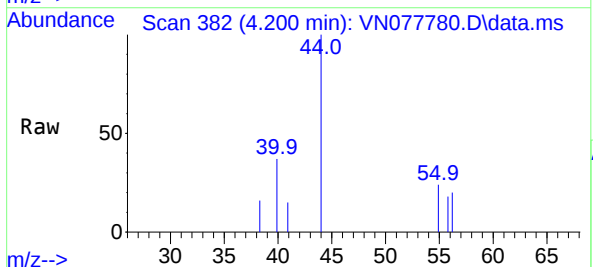


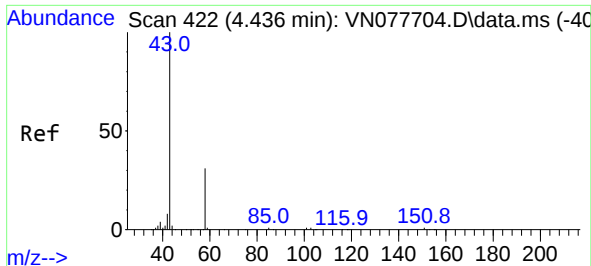
Tgt Ion:142 Resp: 1027
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion: 56 Resp: 499
Ion Ratio Lower Upper
56 100
55 110.0 54.5 81.7#

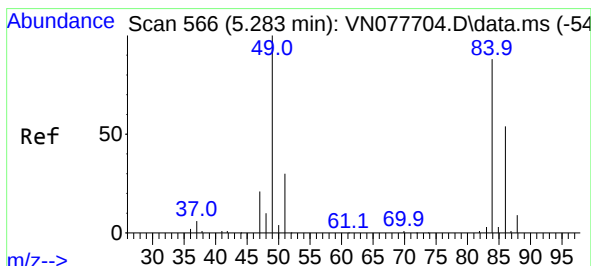
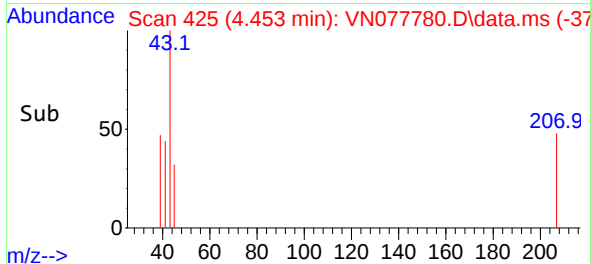
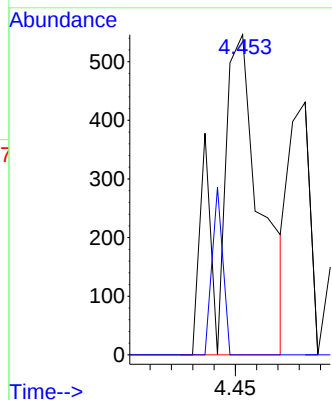
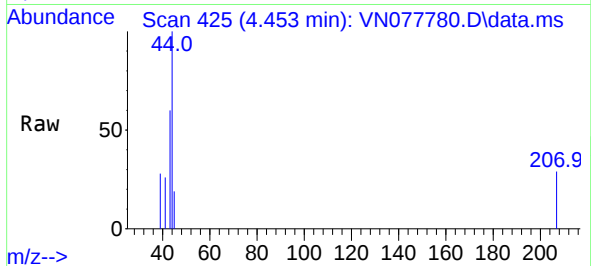




#16
Acetone
Concen: 0.419 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

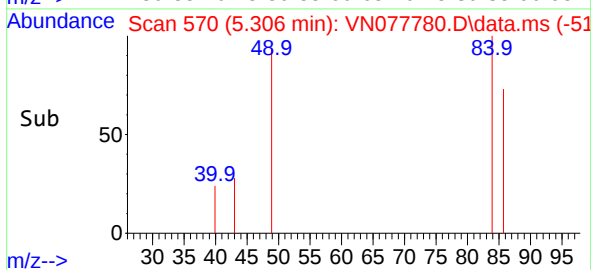
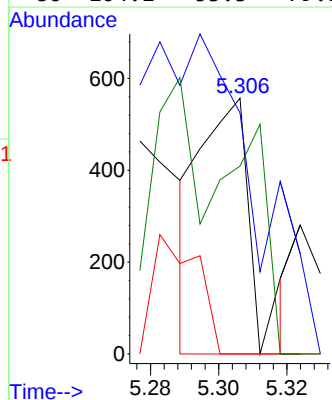
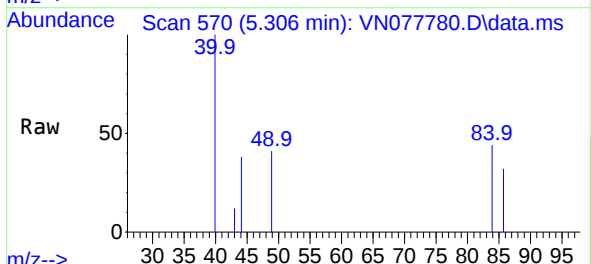
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

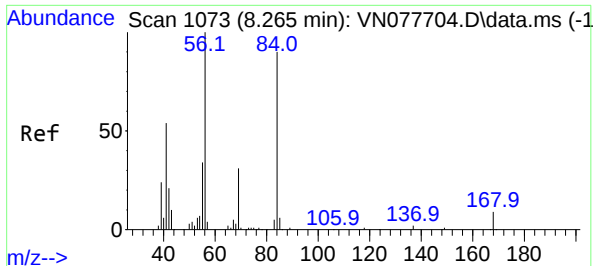
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 570
Delta R.T. 0.023 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion: 84 Resp: 590
Ion Ratio Lower Upper
84 100
49 37.9 79.7 119.5#
51 0.0 25.2 37.8#
86 104.1 53.3 79.9#

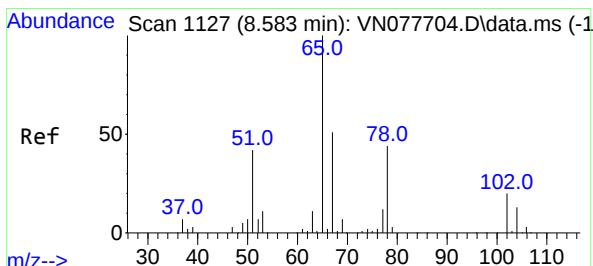
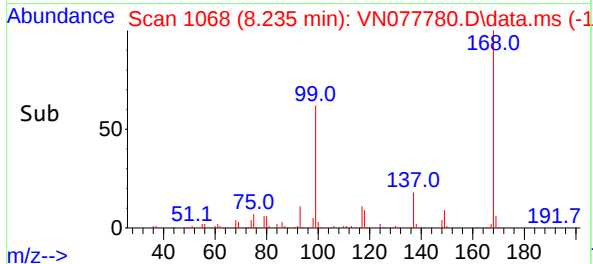
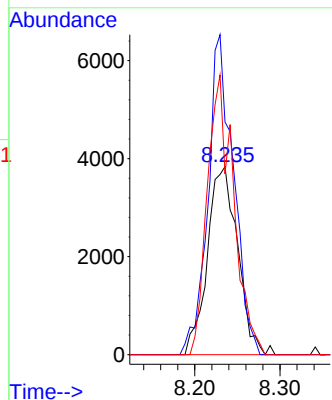
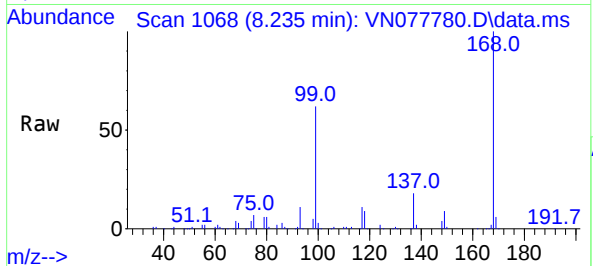




#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

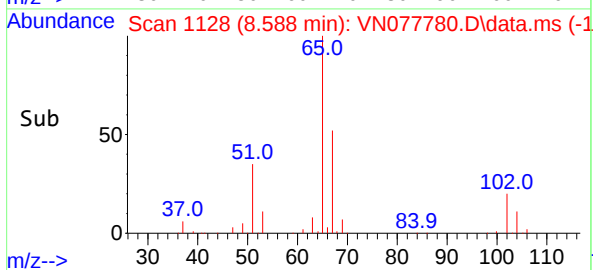
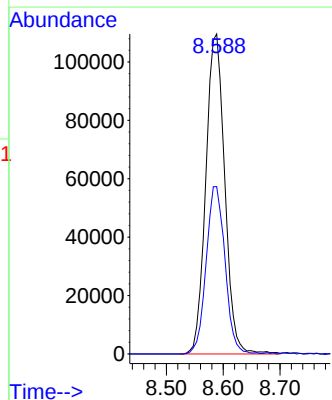
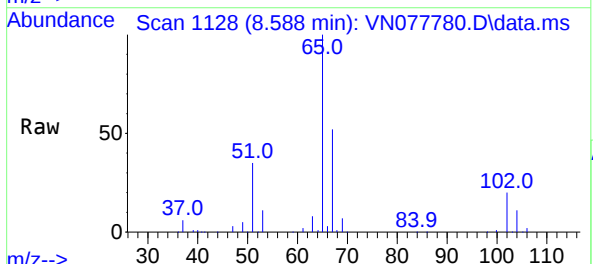
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

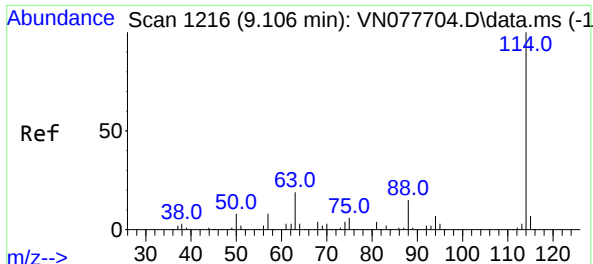
Tgt Ion: 56 Resp: 9470
Ion Ratio Lower Upper
56 100
69 123.7 26.8 40.2#
84 96.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 44.990 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion: 65 Resp: 253425
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6

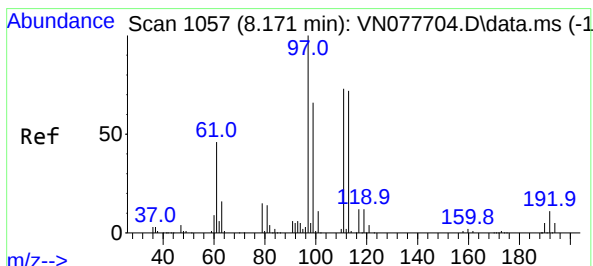
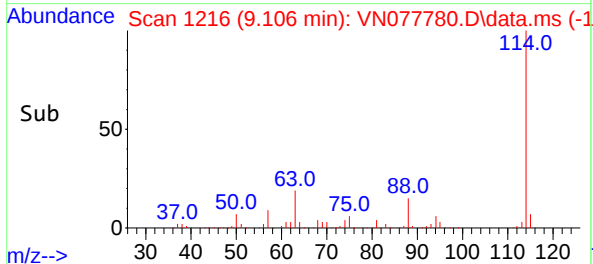
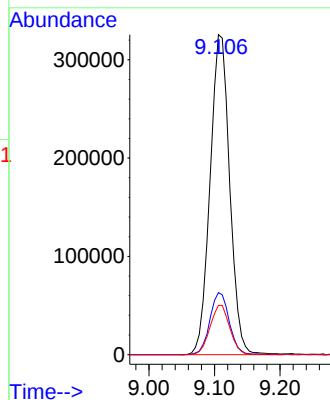
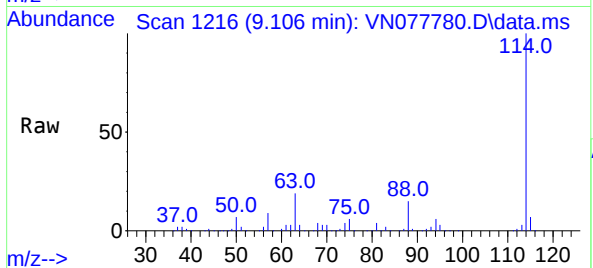




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

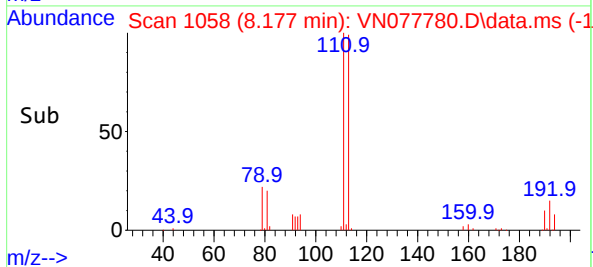
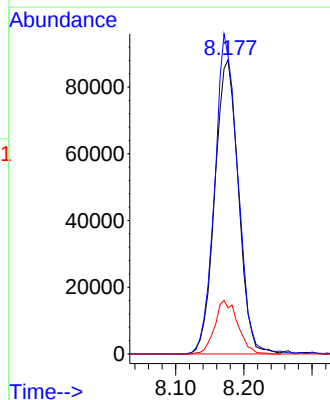
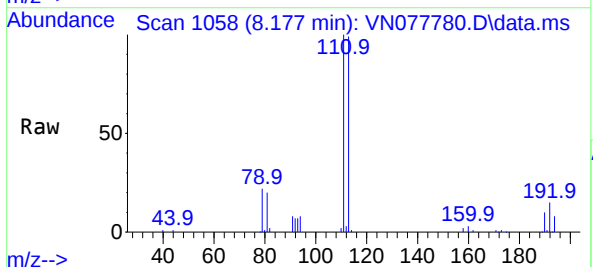
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

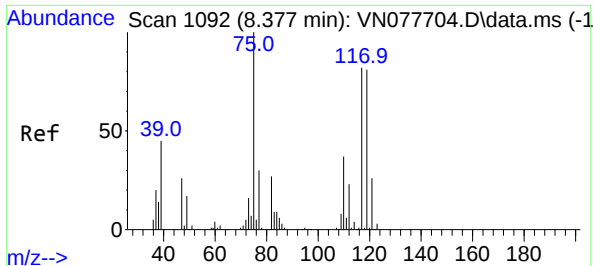
Tgt Ion:114 Resp: 678121
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.210 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion:113 Resp: 213183
Ion Ratio Lower Upper
113 100
111 106.3 82.6 123.8
192 17.7 12.7 19.1

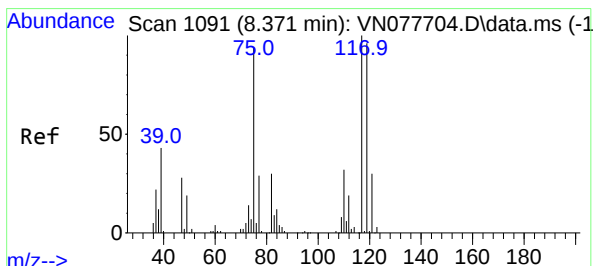
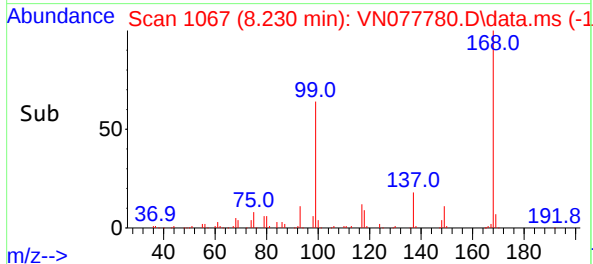
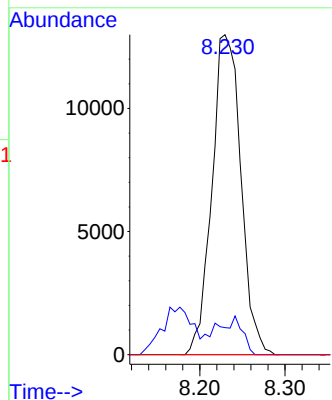
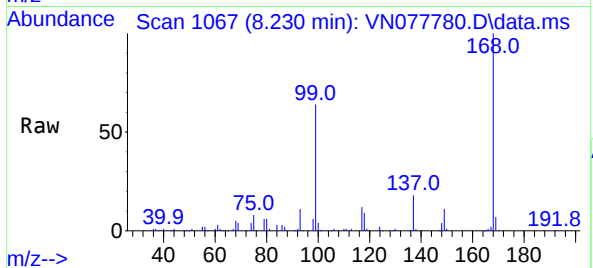




#36
1,1-Dichloropropene
Concen: 4.742 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

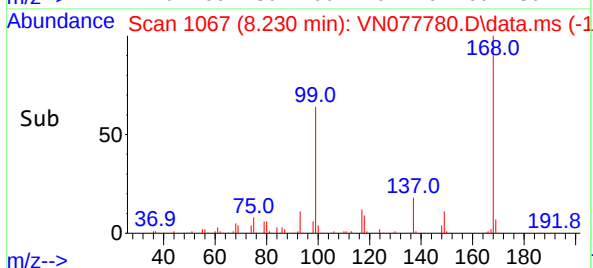
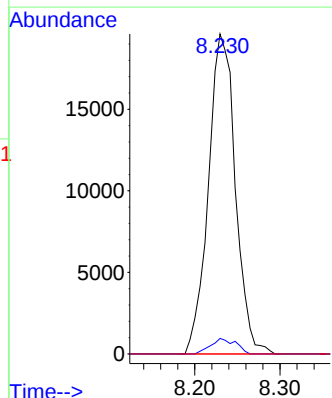
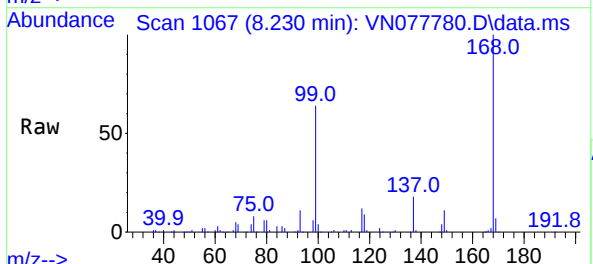
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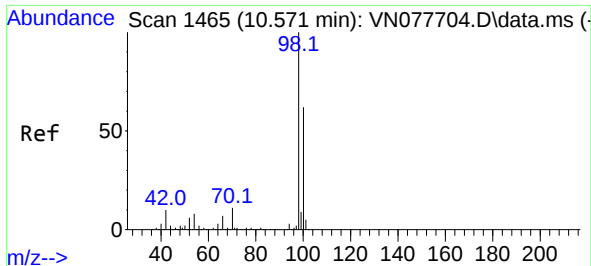
Tgt Ion: 75 Resp: 30670
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.606 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion: 117 Resp: 43145
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#

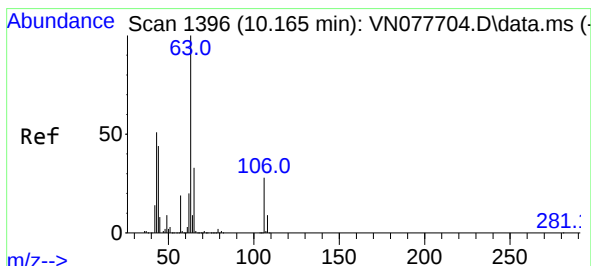
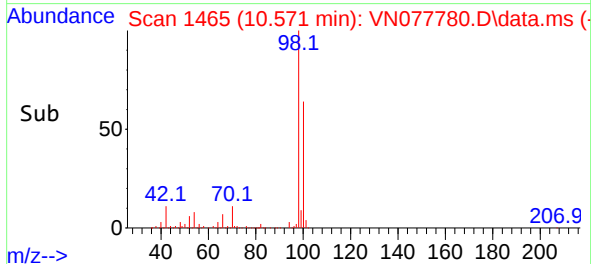
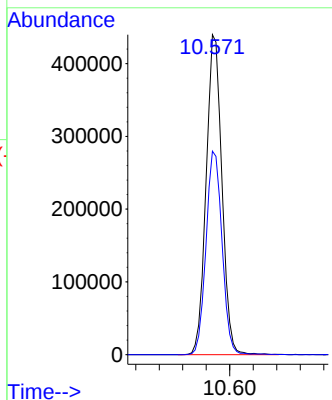
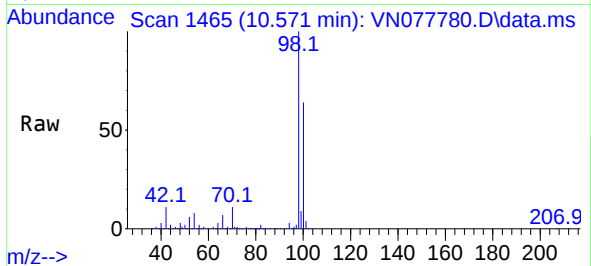




#50
Toluene-d8
Concen: 48.090 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

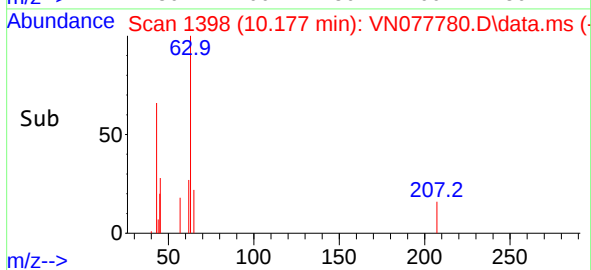
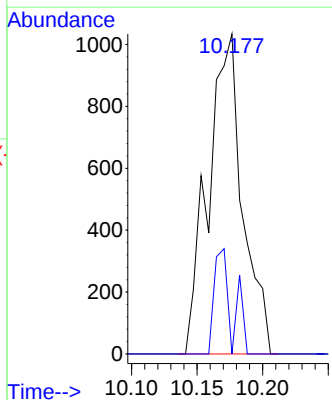
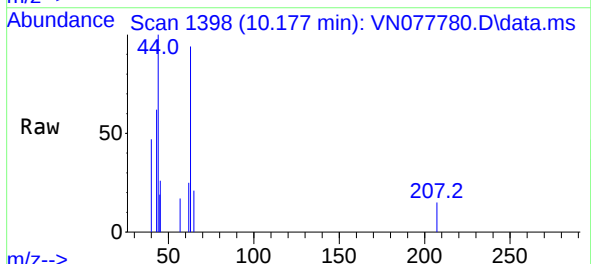
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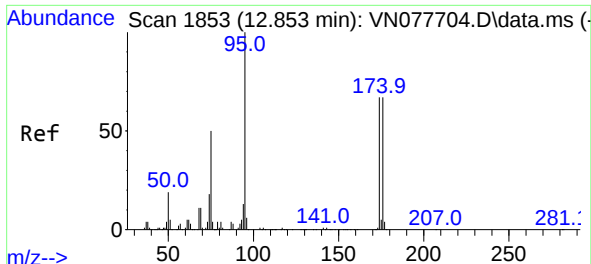
Tgt Ion: 98 Resp: 818507
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#58
2-Chloroethyl Vinyl ether
Concen: 0.537 ug/l
RT: 10.177 min Scan# 1398
Delta R.T. 0.012 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion: 63 Resp: 1885
Ion Ratio Lower Upper
63 100
106 17.0 26.2 39.4#

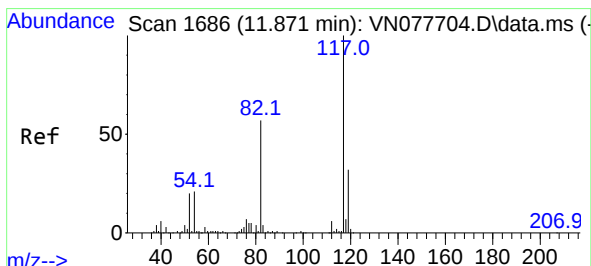
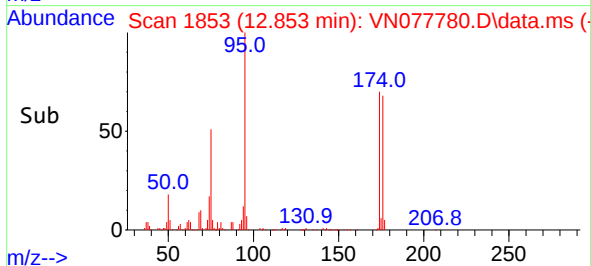
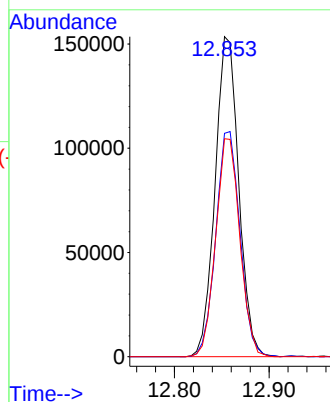
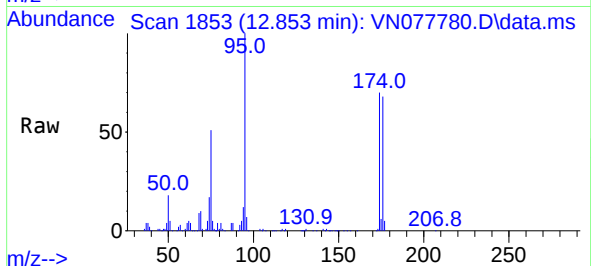




#62
4-Bromofluorobenzene
Concen: 44.392 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

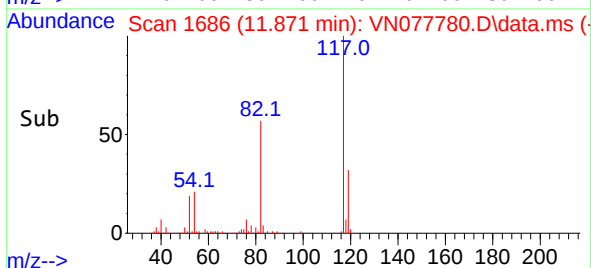
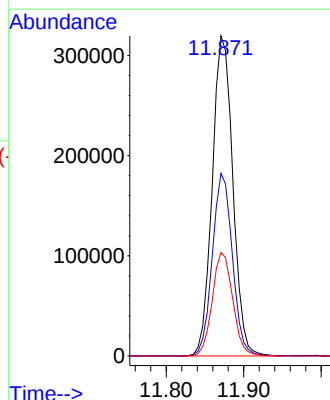
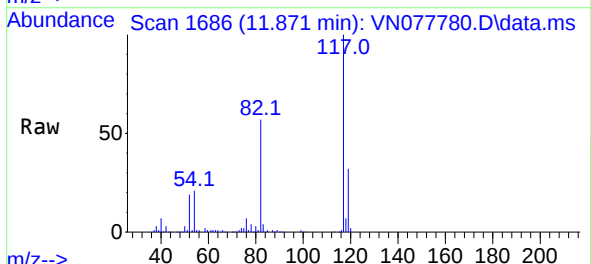
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

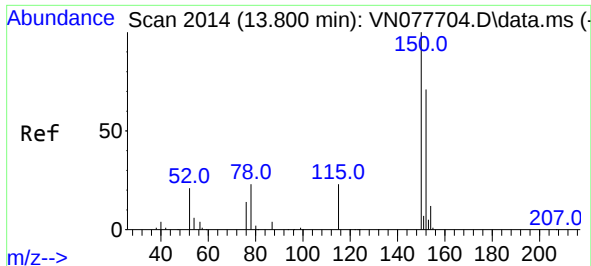
Tgt Ion: 95 Resp: 266850
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 69.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion: 117 Resp: 589713
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.3 25.6 38.4

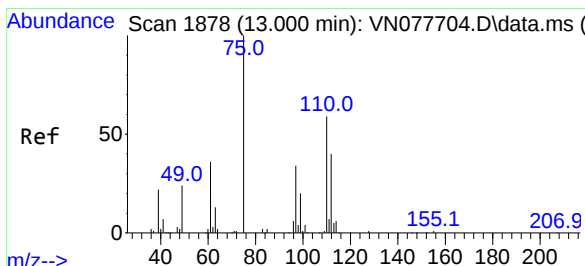
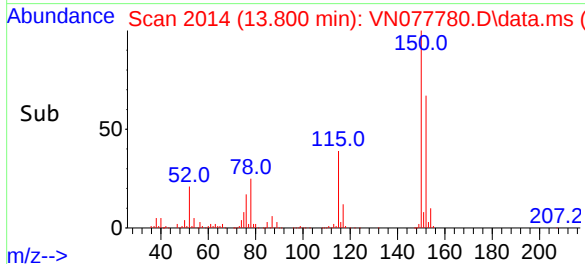
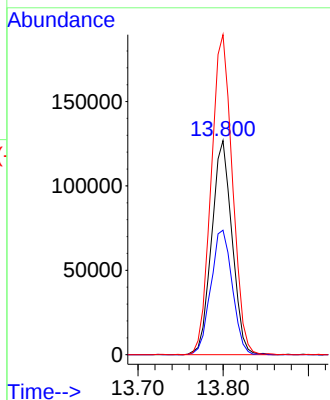
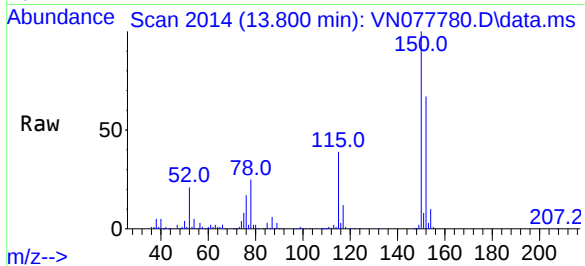




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

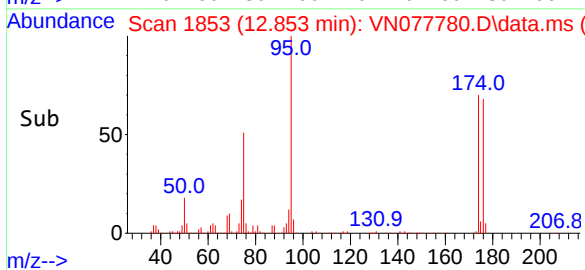
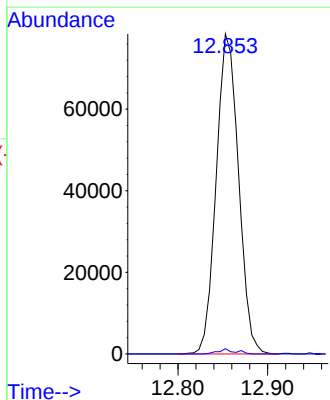
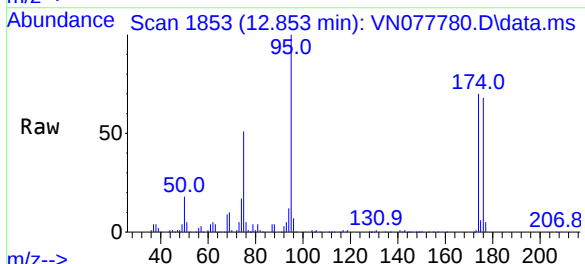
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

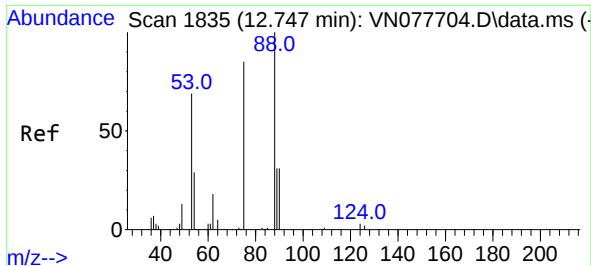
Tgt Ion:152 Resp: 211265
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 155.8 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 25.593 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion: 75 Resp: 135410
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#

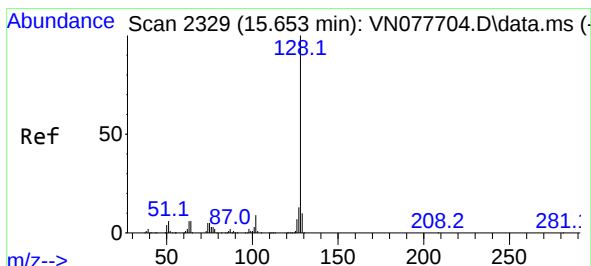
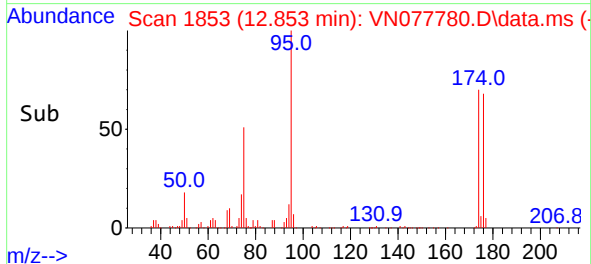
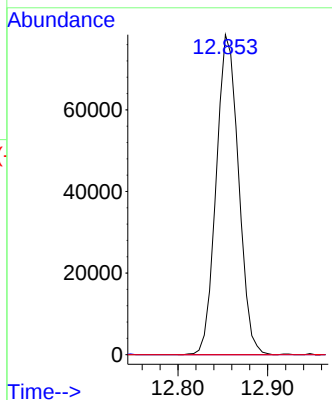
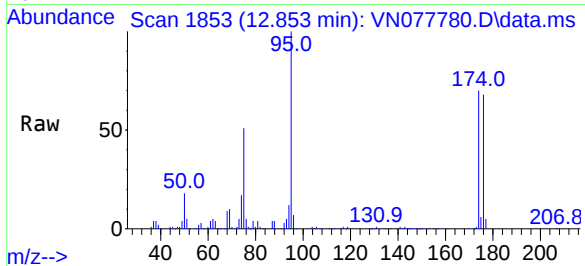




#81
trans-1,4-Dichloro-2-butene
Concen: 81.810 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

Tgt Ion: 75 Resp: 135410
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.262 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077780.D
Acq: 22 May 2023 11:20

Tgt Ion: 128 Resp: 3787
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 0.0 8.7 13.1#

