

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080716.D
 Acq On : 15 Jan 2024 15:31
 Operator : JC\MD
 Sample : P1144-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 00:41:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

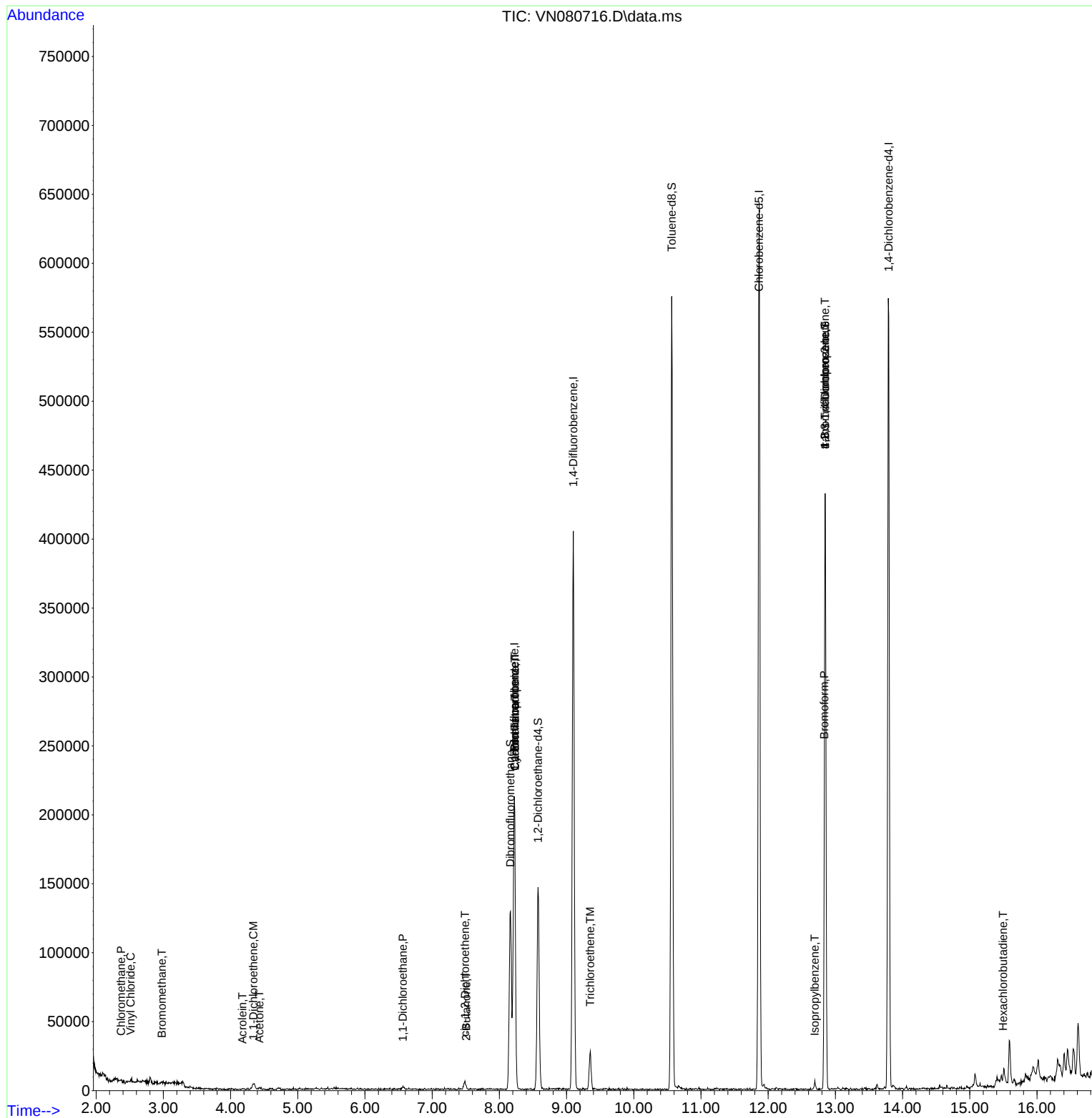
Internal Standards						
1) Pentafluorobenzene	8.224	168	141373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	112879	45.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.940%			
35) Dibromofluoromethane	8.165	113	93338	51.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	10.565	98	375872	54.208	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.420%			
62) 4-Bromofluorobenzene	12.847	95	152362	57.301	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.600%			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	2616	0.356	ug/l #	31
4) Vinyl Chloride	2.512	62	514	0.247	ug/l #	29
5) Bromomethane	2.977	94	256	0.323	ug/l #	4
6) Chloroethane	3.124	64	54	Below Cal	#	43
12) 1,1-Dichloroethene	4.341	96	2699	1.279	ug/l #	60
13) Acrolein	4.177	56	153	0.436	ug/l #	63
16) Acetone	4.430	43	1817	2.229	ug/l #	79
24) 1,1-Dichloroethane	6.565	63	2420	0.560	ug/l #	81
25) 2-Butanone	7.506	43	629	0.427	ug/l #	37
27) cis-1,2-Dichloroethene	7.488	96	2917	1.236	ug/l	85
31) Cyclohexane	8.229	56	4392	1.145	ug/l #	11
36) 1,1-Dichloropropene	8.229	75	15737	4.225	ug/l #	49
38) Carbon Tetrachloride	8.229	117	15577	4.657	ug/l #	15
44) Trichloroethene	9.353	130	8249	3.480	ug/l	81
71) Bromoform	12.835	173	612	0.343	ug/l #	1
73) Isopropylbenzene	12.694	105	3242	0.255	ug/l	87
76) 1,2,3-Trichloropropane	12.847	75	85189	20.638	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85189	48.653	ug/l #	15
94) Hexachlorobutadiene	15.494	225	555	0.488	ug/l #	26

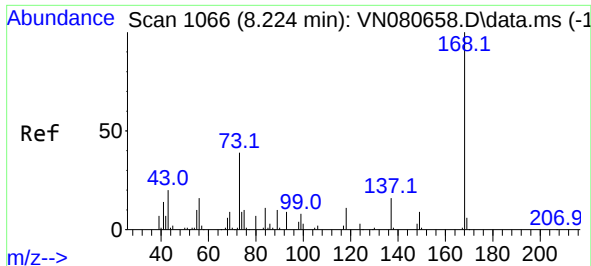
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

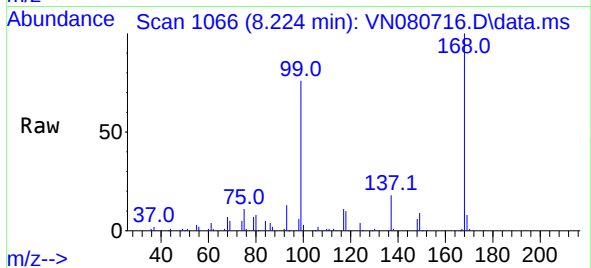
Quant Time: Jan 16 00:41:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration



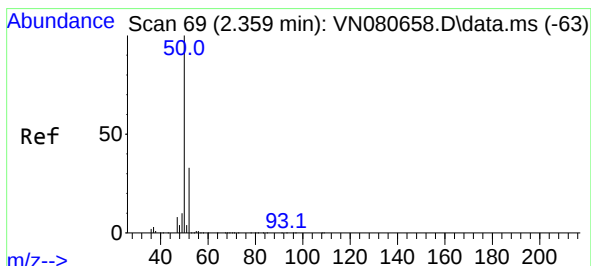
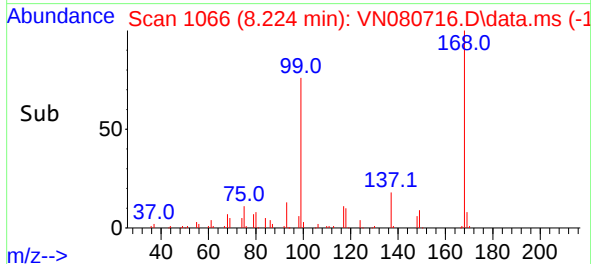
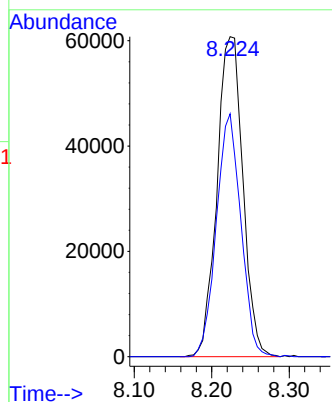


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

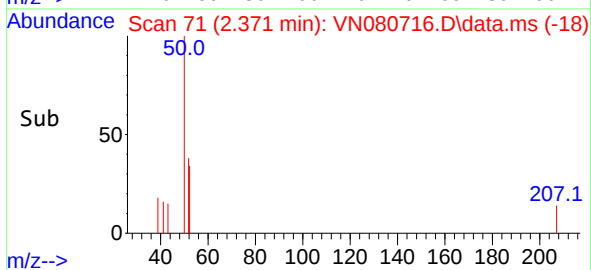
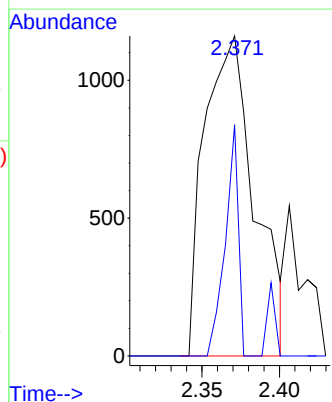
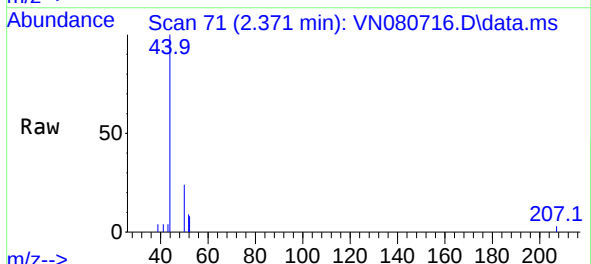


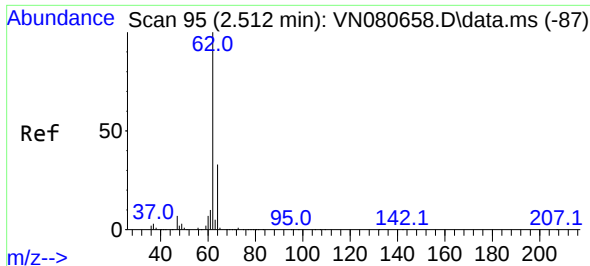
Tgt Ion:168 Resp: 141373
Ion Ratio Lower Upper
168 100
99 75.9 53.0 79.6



#3
Chloromethane
Concen: 0.356 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

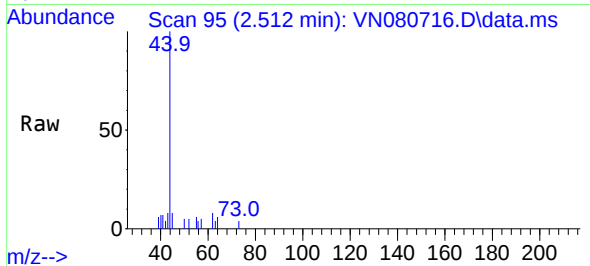
Tgt Ion: 50 Resp: 2616
Ion Ratio Lower Upper
50 100
52 72.3 26.5 39.7#



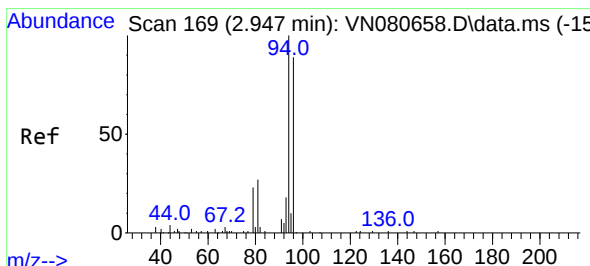
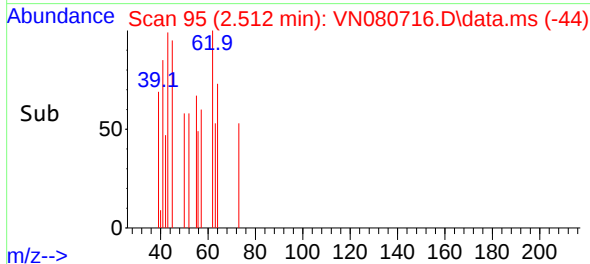
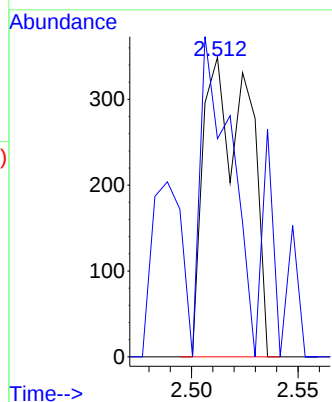


#4
 Vinyl Chloride
 Concen: 0.247 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN080716.D
 Acq: 15 Jan 2024 15:31

Instrument :
 MSVOA_N
 ClientSampleId :

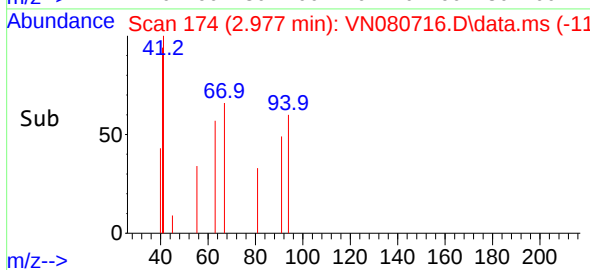
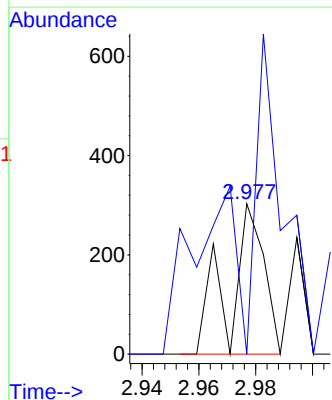
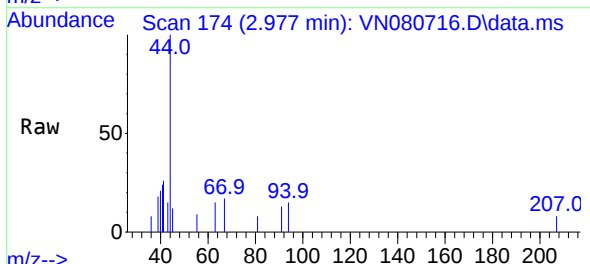


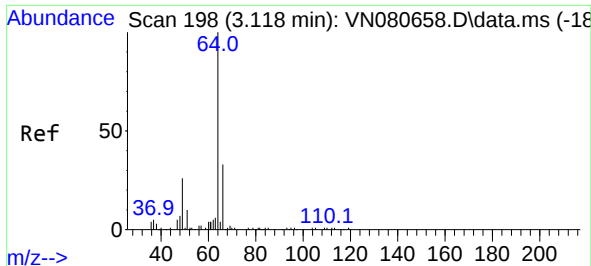
Tgt Ion: 62 Resp: 514
 Ion Ratio Lower Upper
 62 100
 64 72.8 26.2 39.2#



#5
 Bromomethane
 Concen: 0.323 ug/l
 RT: 2.977 min Scan# 174
 Delta R.T. 0.029 min
 Lab File: VN080716.D
 Acq: 15 Jan 2024 15:31

Tgt Ion: 94 Resp: 256
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.1 109.7#

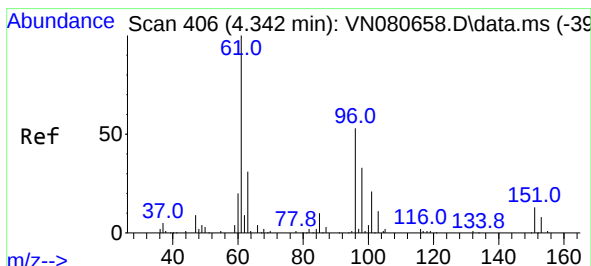
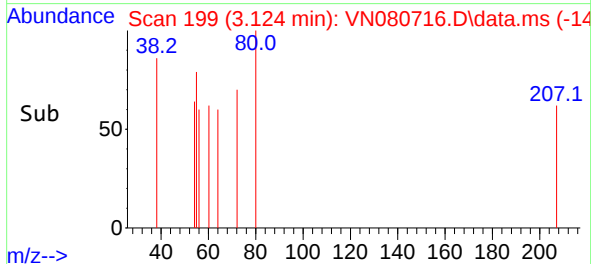
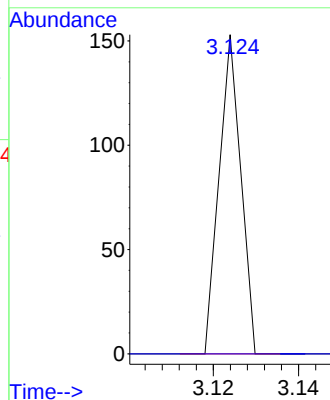
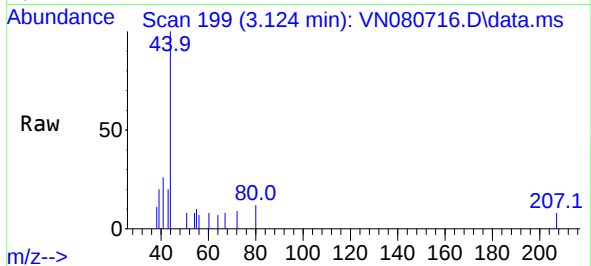




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

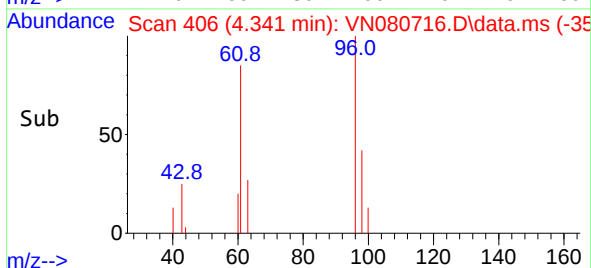
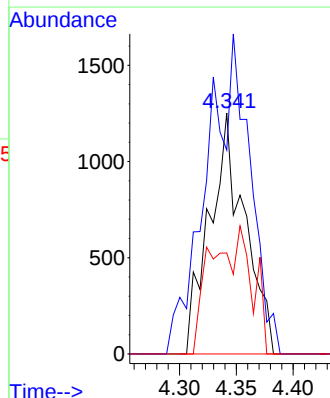
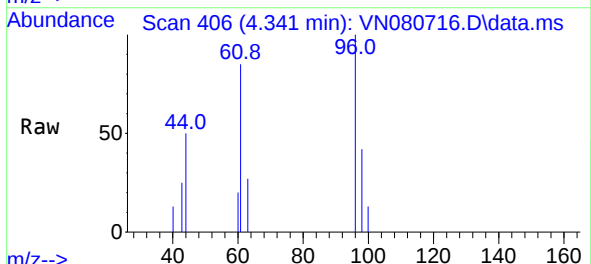
Instrument :
MSVOA_N
ClientSampleId :

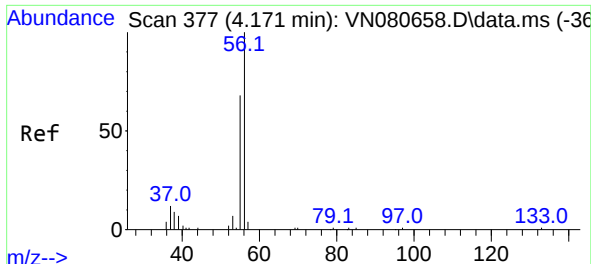
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#12
1,1-Dichloroethene
Concen: 1.279 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

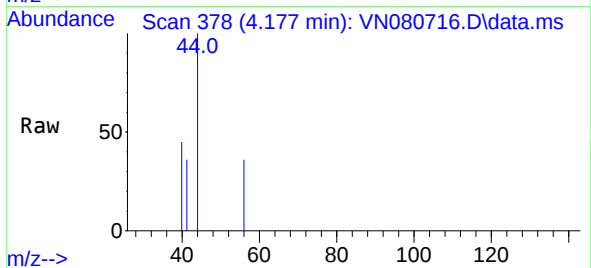
Tgt Ion: 96 Resp: 2699
Ion Ratio Lower Upper
96 100
61 84.6 112.7 169.1#
98 41.9 51.2 76.8#



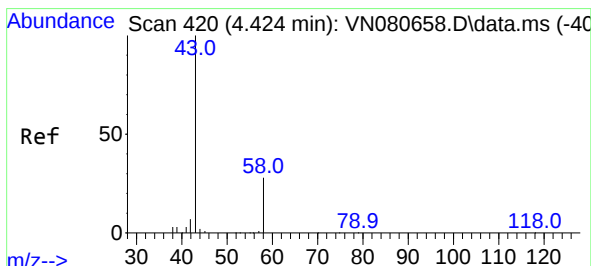
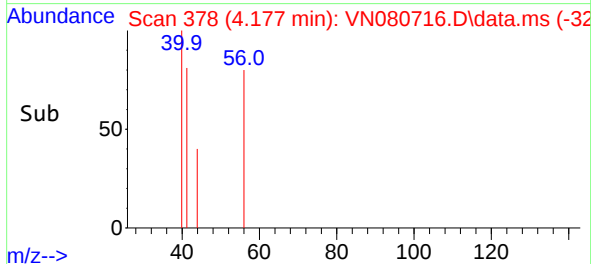
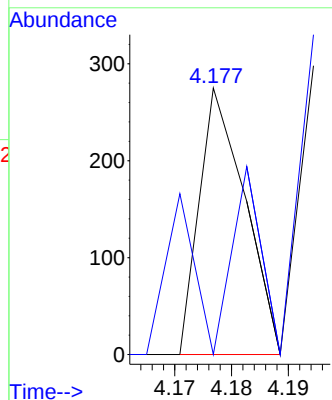


#13
Acrolein
Concen: 0.436 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

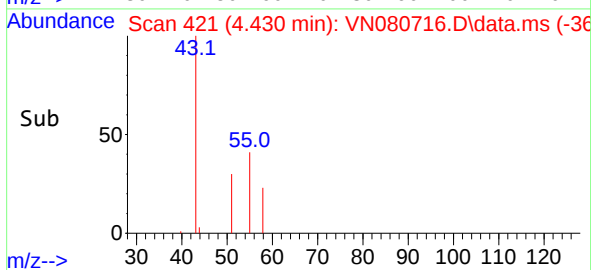
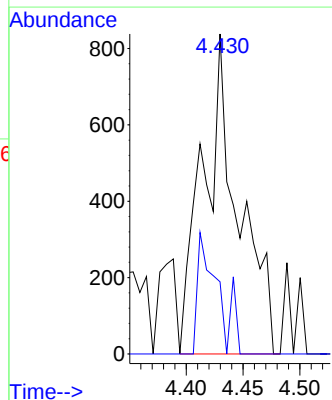
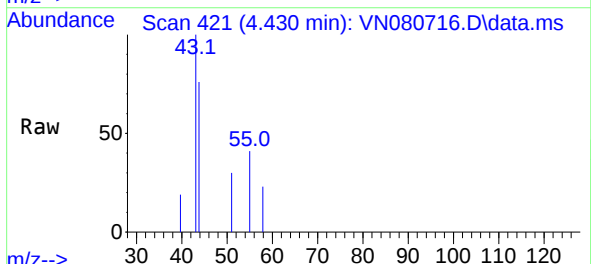


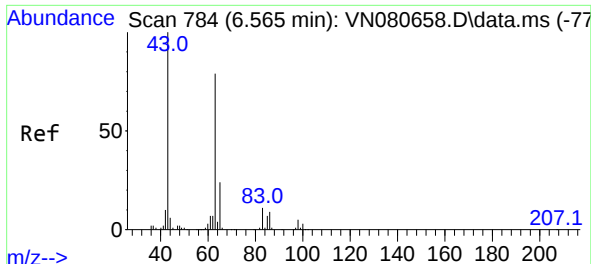
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 38.6 54.5 81.7#



#16
Acetone
Concen: 2.229 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

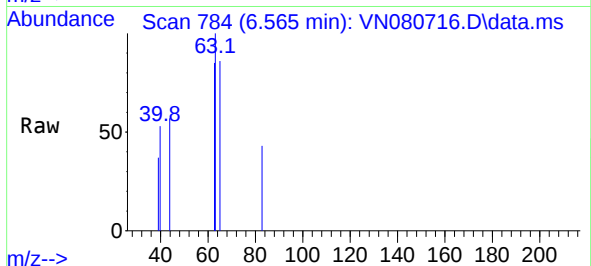
Tgt Ion: 43 Resp: 1817
Ion Ratio Lower Upper
43 100
58 22.6 28.0 42.0#



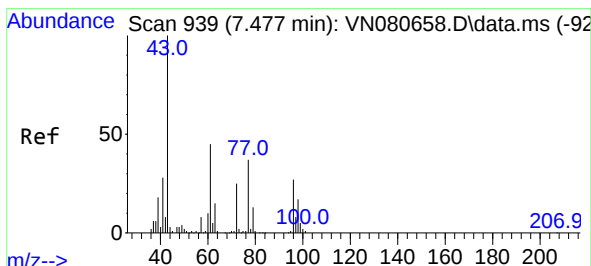
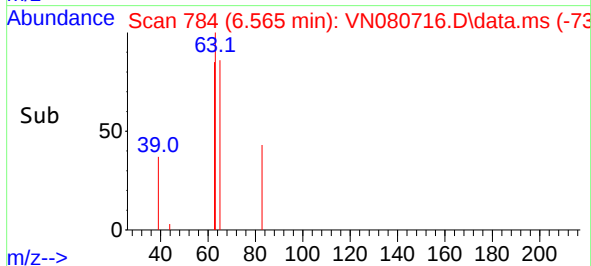
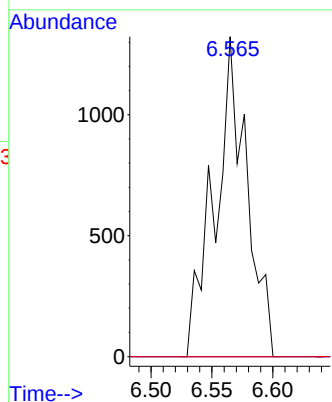


#24
1,1-Dichloroethane
Concen: 0.560 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

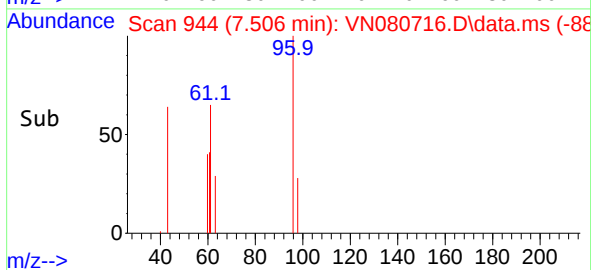
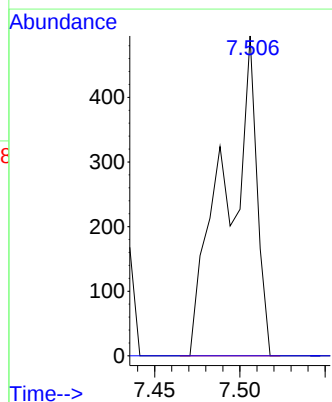
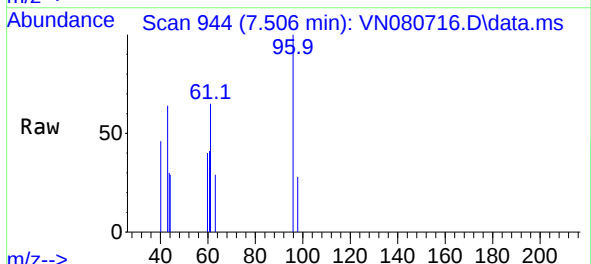


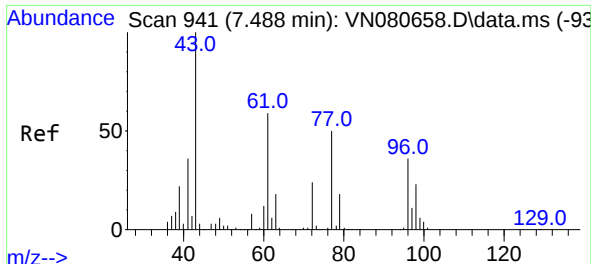
Tgt Ion: 63 Resp: 2420
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.5 7.4#



#25
2-Butanone
Concen: 0.427 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.029 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

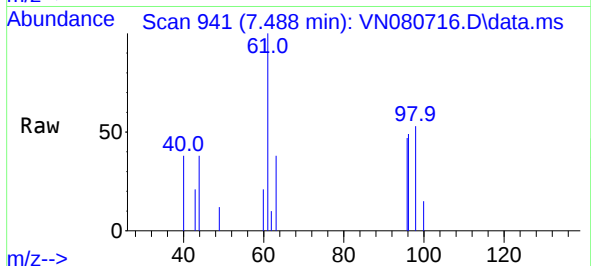
Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



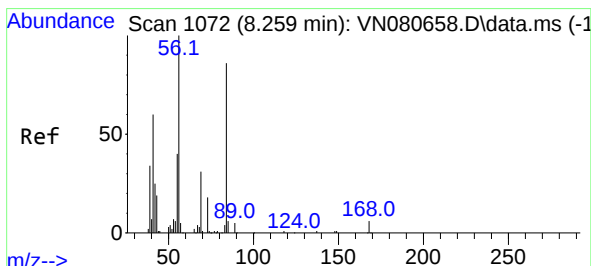
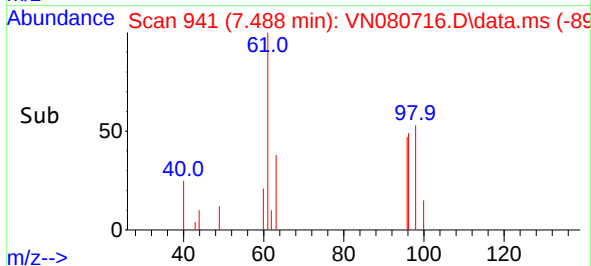
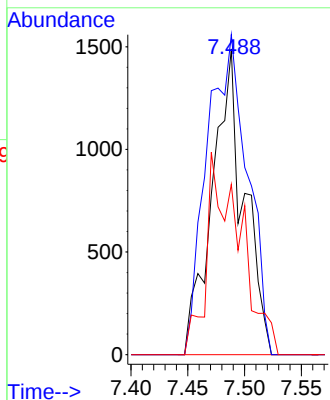


#27
 cis-1,2-Dichloroethene
 Concen: 1.236 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080716.D
 Acq: 15 Jan 2024 15:31

Instrument :
 MSVOA_N
 ClientSampleId :

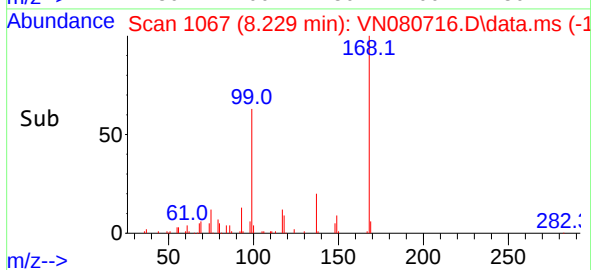
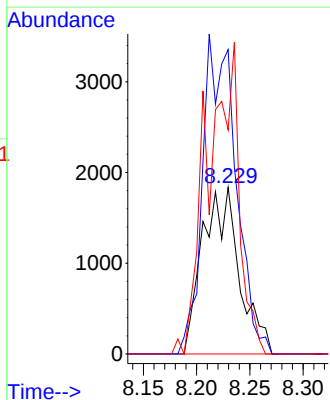
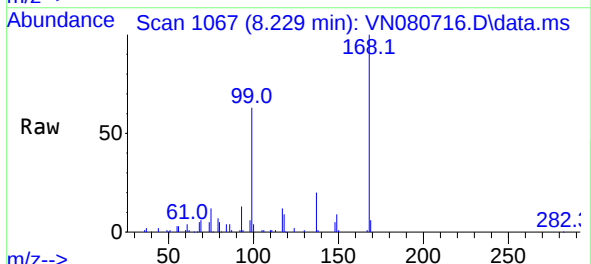


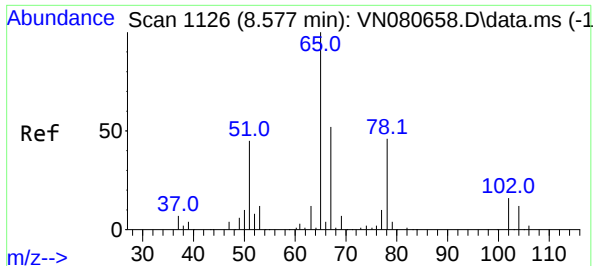
Tgt Ion: 96 Resp: 2917
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 255.2
 98 35.3 0.0 128.8



#31
 Cyclohexane
 Concen: 1.145 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.029 min
 Lab File: VN080716.D
 Acq: 15 Jan 2024 15:31

Tgt Ion: 56 Resp: 4392
 Ion Ratio Lower Upper
 56 100
 69 182.8 26.8 40.2#
 84 134.6 81.8 122.6#

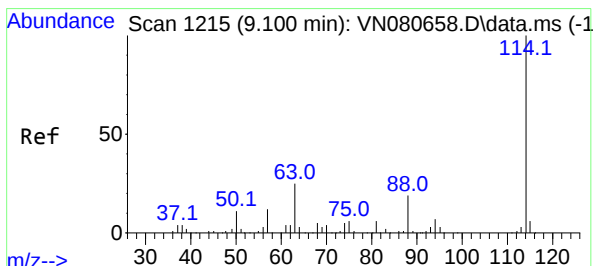
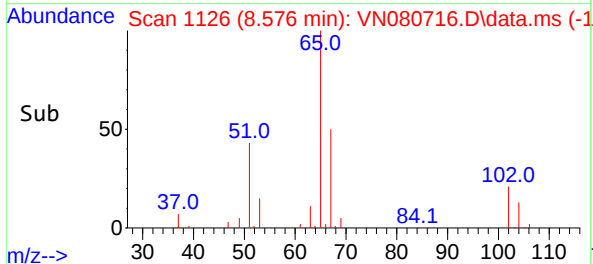
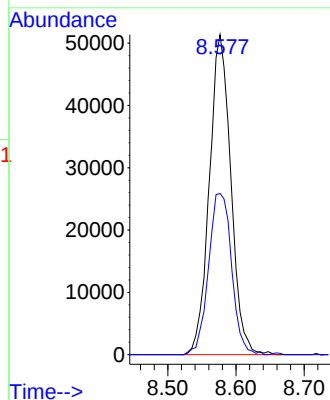
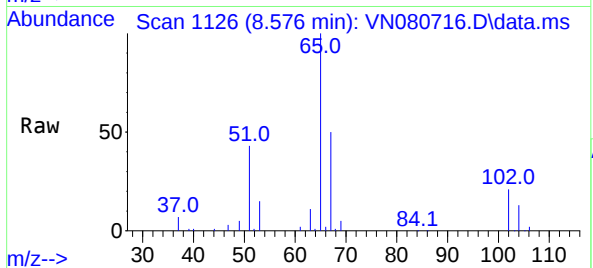




#33
1,2-Dichloroethane-d4
Concen: 45.467 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

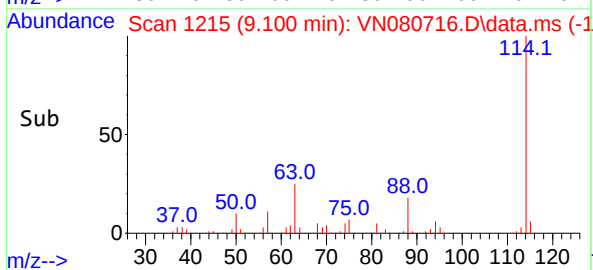
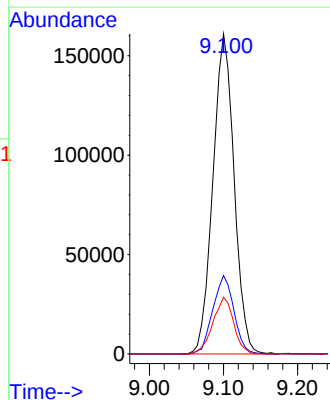
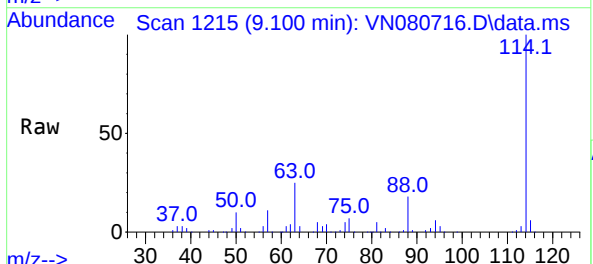
Instrument :
MSVOA_N
ClientSampleId :

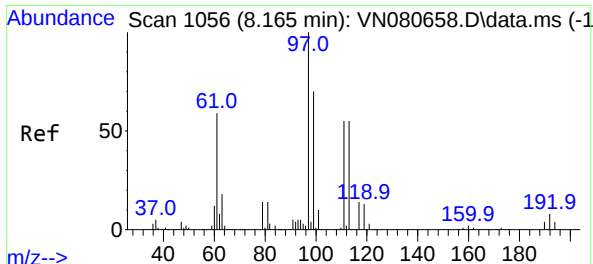
Tgt Ion: 65 Resp: 112879
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

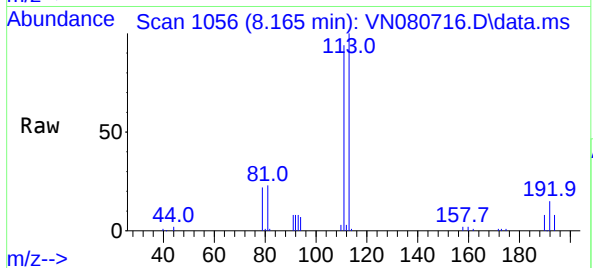
Tgt Ion: 114 Resp: 320053
Ion Ratio Lower Upper
114 100
63 24.5 0.0 36.4
88 17.8 0.0 30.6



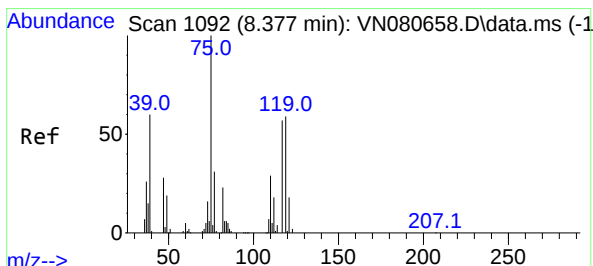
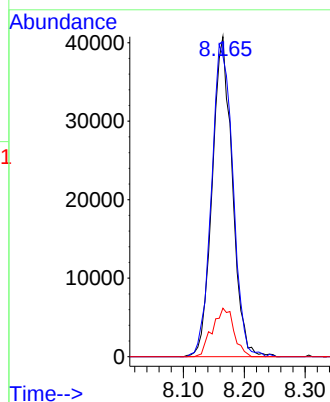
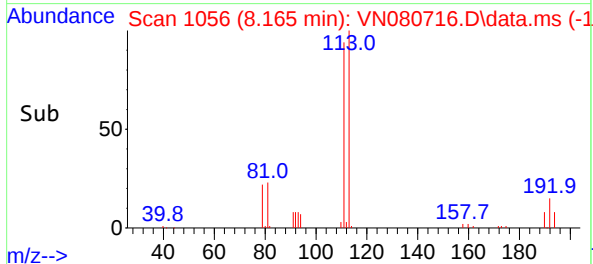


#35
Dibromofluoromethane
Concen: 51.328 ug/l
RT: 8.165 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

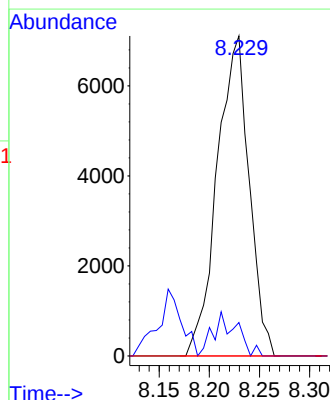
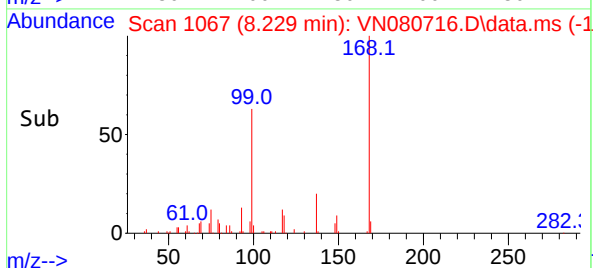
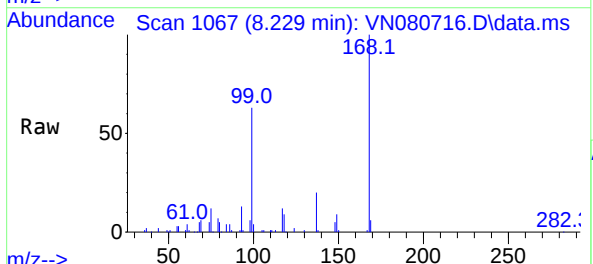


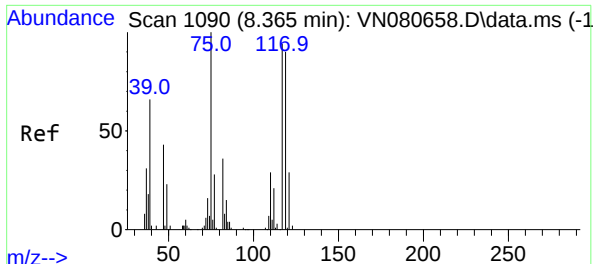
Tgt Ion:113 Resp: 93338
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 16.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.225 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

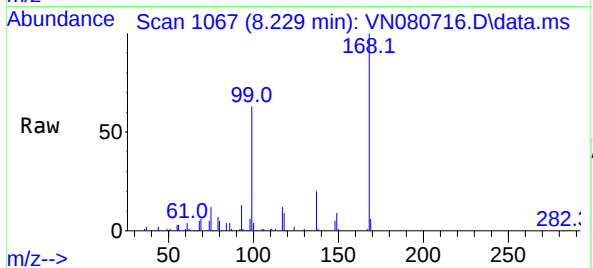
Tgt Ion: 75 Resp: 15737
Ion Ratio Lower Upper
75 100
110 10.2 19.1 57.3#
77 0.0 25.0 37.4#



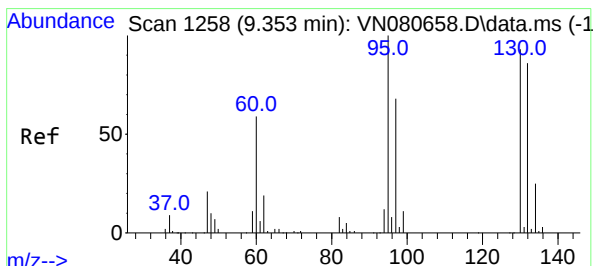
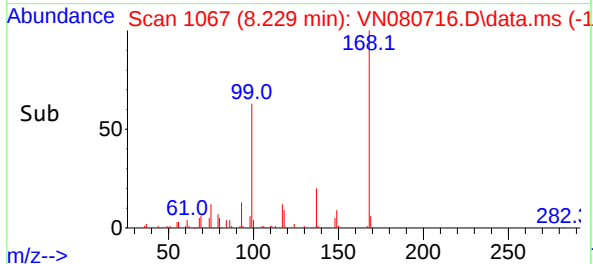
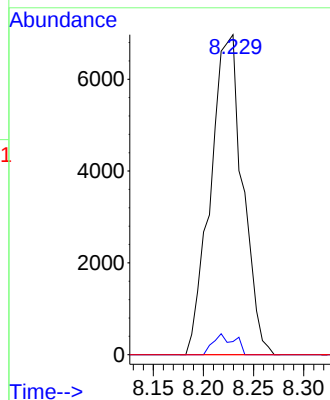


#38
Carbon Tetrachloride
Concen: 4.657 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

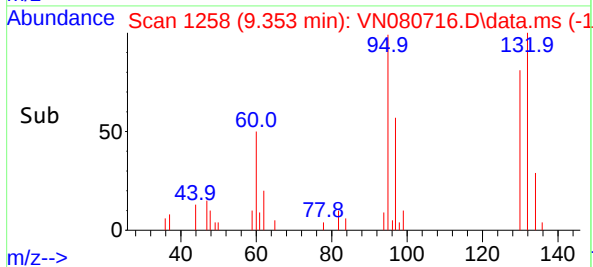
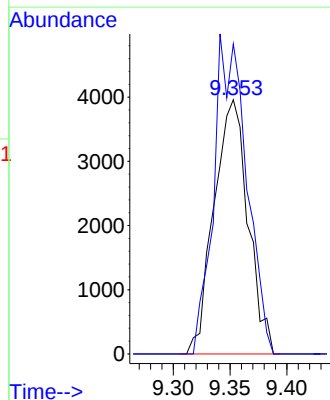
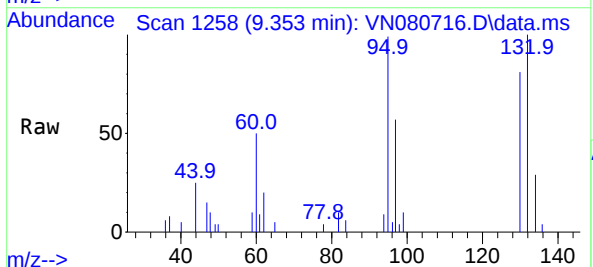


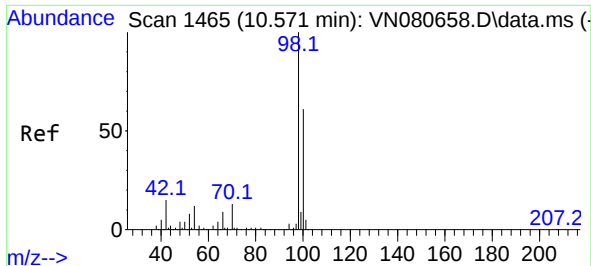
Tgt Ion:117 Resp: 15577
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 3.480 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

Tgt Ion:130 Resp: 8249
Ion Ratio Lower Upper
130 100
95 122.0 0.0 204.6

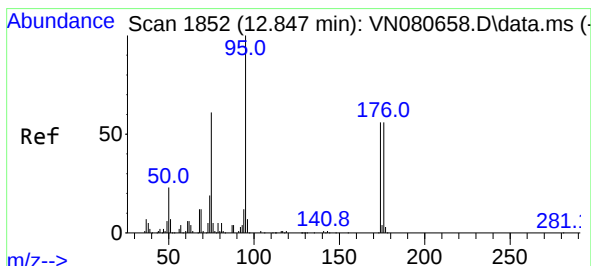
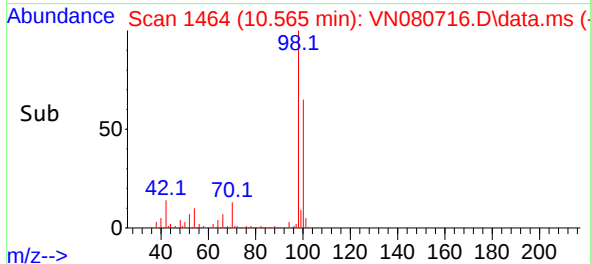
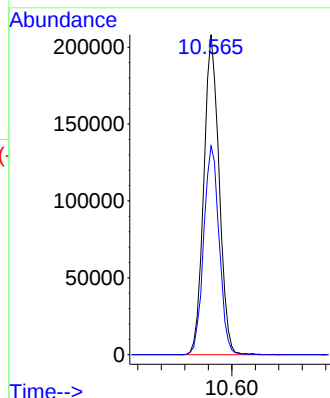
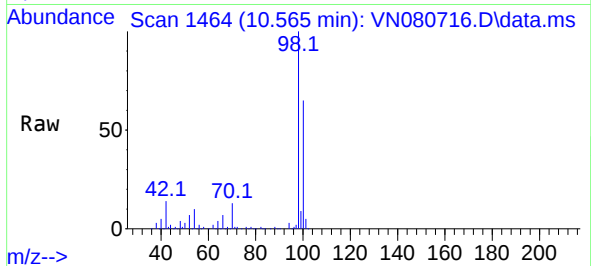




#50
Toluene-d8
Concen: 54.208 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

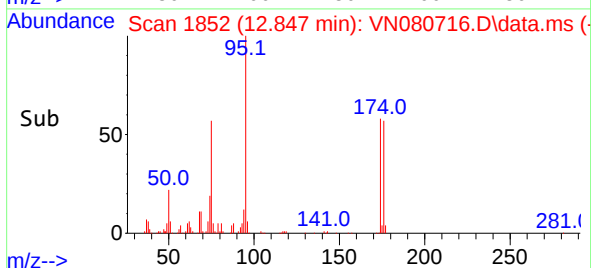
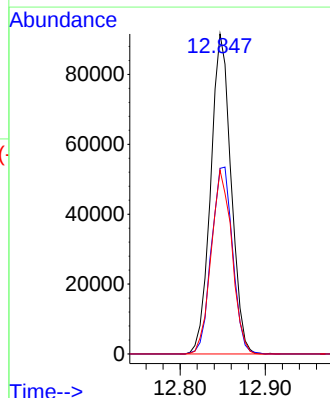
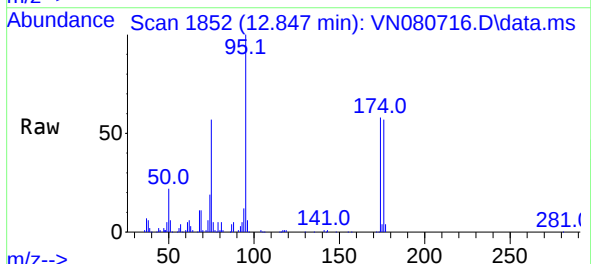
Instrument :
MSVOA_N
ClientSampleId :

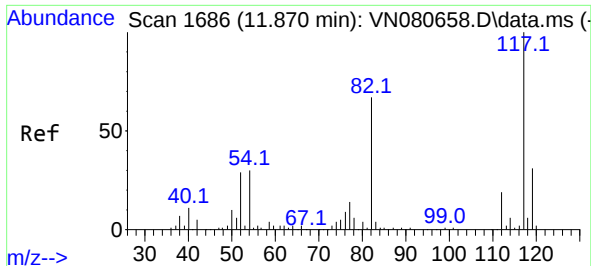
Tgt Ion: 98 Resp: 375872
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.301 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

Tgt Ion: 95 Resp: 152362
Ion Ratio Lower Upper
95 100
174 60.7 0.0 143.8
176 58.3 0.0 135.8

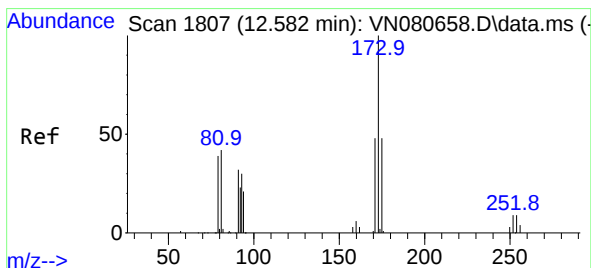
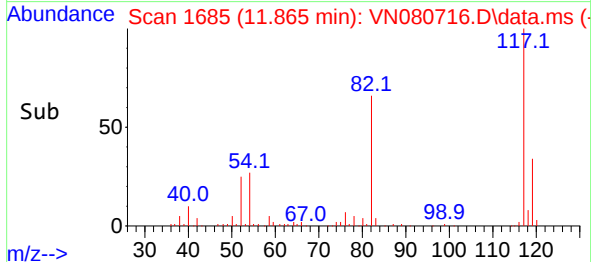
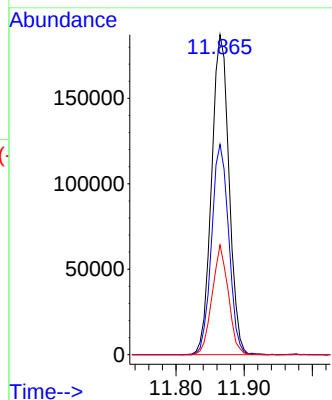
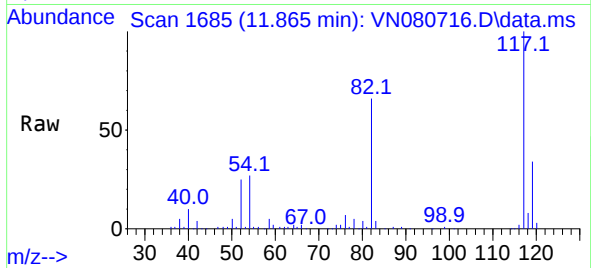




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

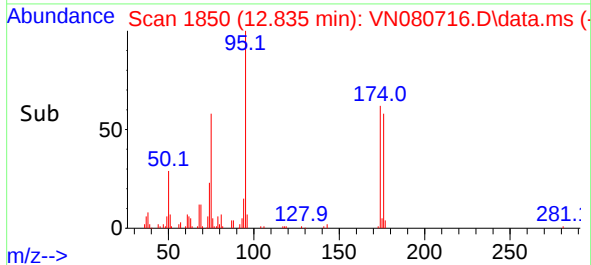
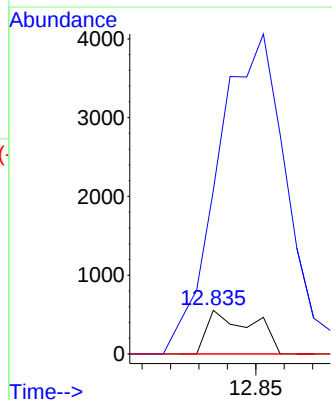
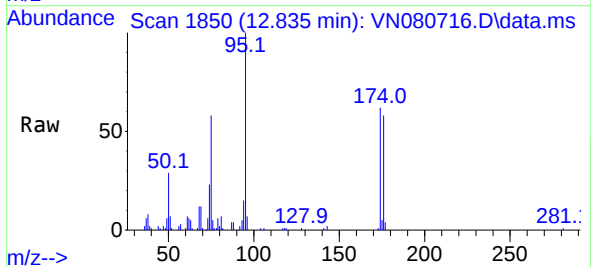
Instrument :
MSVOA_N
ClientSampleId :

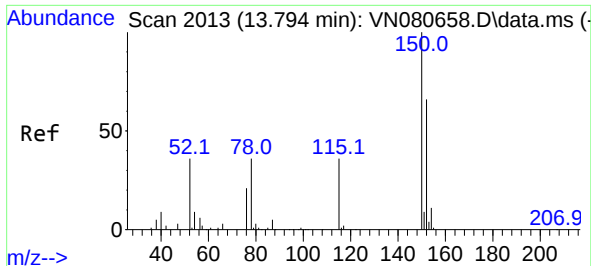
Tgt Ion:117 Resp: 334535
Ion Ratio Lower Upper
117 100
82 65.7 44.0 66.0
119 34.3 25.6 38.4



#71
Bromoform
Concen: 0.343 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.253 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

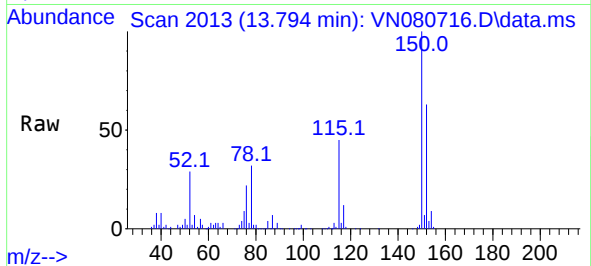
Tgt Ion:173 Resp: 612
Ion Ratio Lower Upper
173 100
175 990.4 24.3 73.0#
254 0.0 0.0 0.0



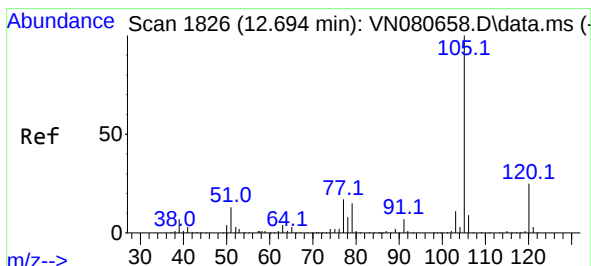
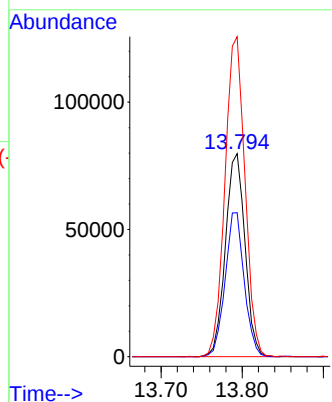
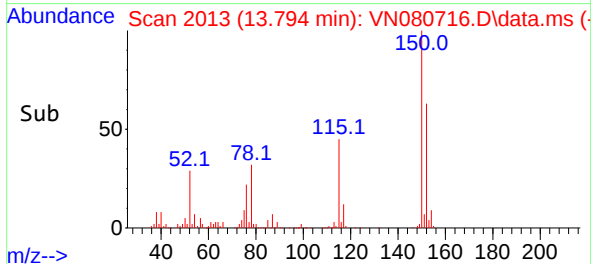


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

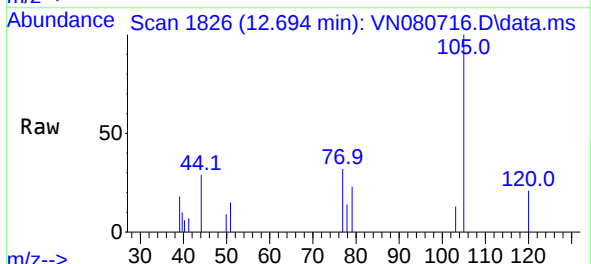
Instrument :
MSVOA_N
ClientSampleId :



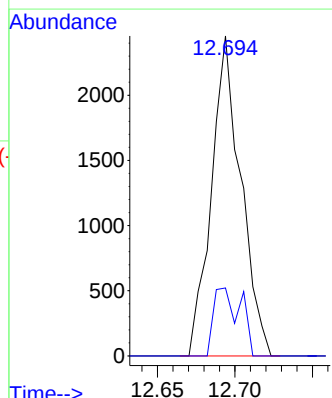
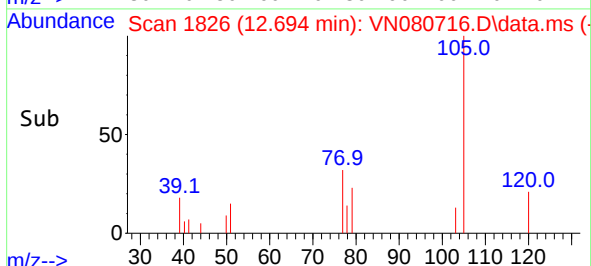
Tgt Ion:152 Resp: 133862
Ion Ratio Lower Upper
152 100
115 69.1 32.3 96.8
150 160.7 0.0 355.8

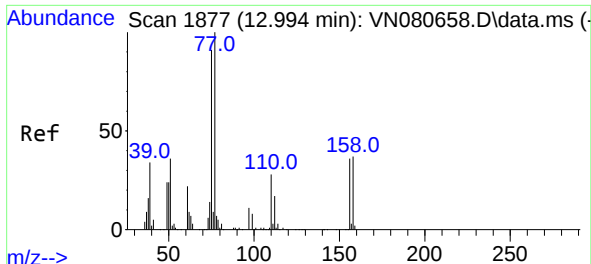


#73
Isopropylbenzene
Concen: 0.255 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31



Tgt Ion:105 Resp: 3242
Ion Ratio Lower Upper
105 100
120 19.3 13.1 39.1

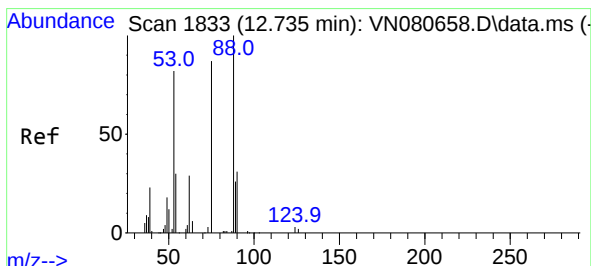
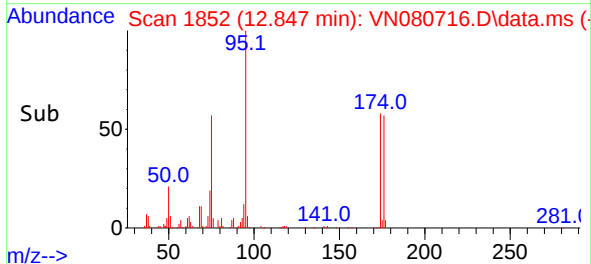
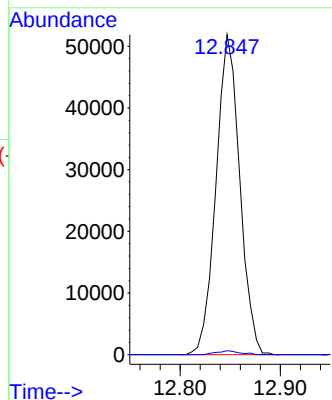
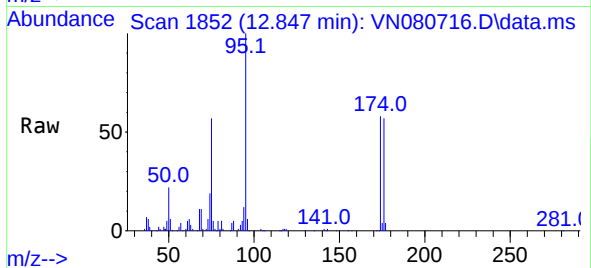




#76
1,2,3-Trichloropropane
Concen: 20.638 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

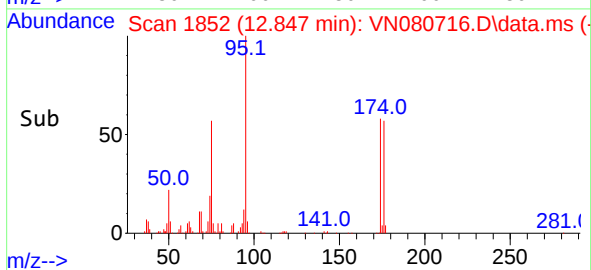
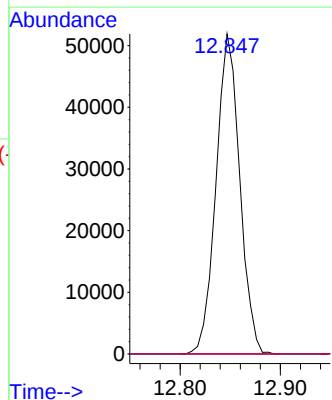
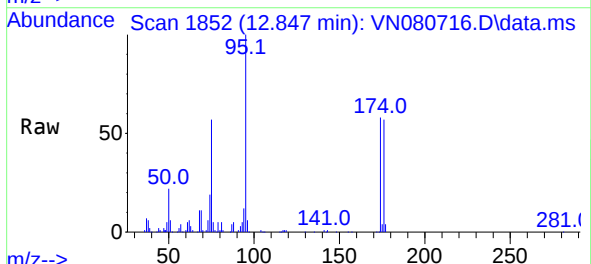
Instrument :
MSVOA_N
ClientSampleId :

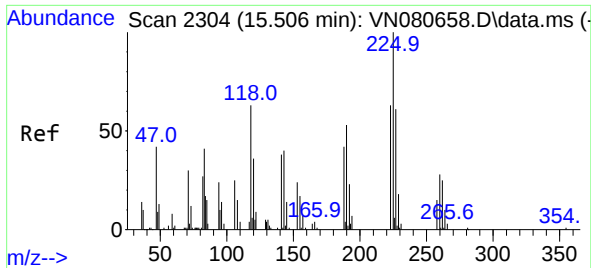
Tgt Ion: 75 Resp: 85189
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.653 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

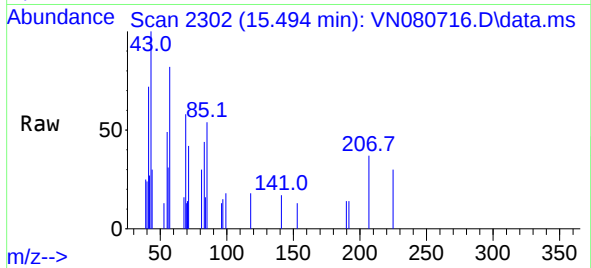
Tgt Ion: 75 Resp: 85189
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#94
Hexachlorobutadiene
Concen: 0.488 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN080716.D
Acq: 15 Jan 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:225 Resp: 555
Ion Ratio Lower Upper
225 100
223 10.8 31.3 93.8#
227 0.0 31.9 95.9#

