

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085660.D
 Acq On : 04 Feb 2025 18:38
 Operator : JC\MD
 Sample : Q1268-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 05 01:09:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

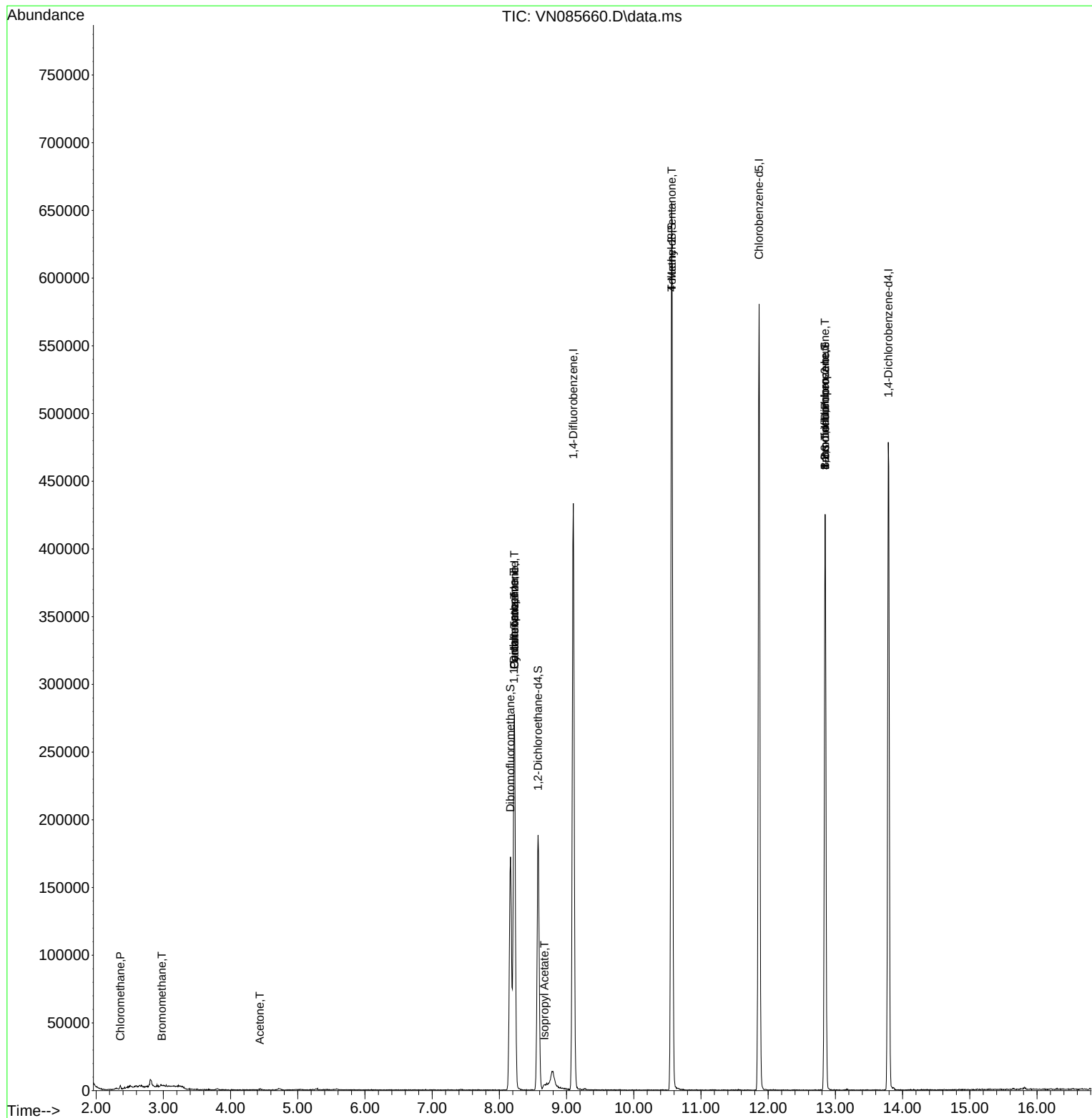
Internal Standards						
1) Pentafluorobenzene	8.224	168	198934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	378702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145000	45.154	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.300%		
35) Dibromofluoromethane	8.165	113	124188	47.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	10.565	98	448666	48.065	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.120%		
62) 4-Bromofluorobenzene	12.847	95	143851	45.050	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.100%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1748	0.599	ug/l	96
5) Bromomethane	2.977	94	428	0.242	ug/l	86
16) Acetone	4.436	43	1184	1.141	ug/l #	45
31) Cyclohexane	8.224	56	4973	1.220	ug/l #	17
36) 1,1-Dichloropropene	8.218	75	17410	4.722	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21972	5.205	ug/l #	18
43) Isopropyl Acetate	8.671	43	2537	0.425	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	2155	0.623	ug/l #	1
71) Bromoform	12.847	173	934	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76743	28.864	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76743	78.093	ug/l #	3

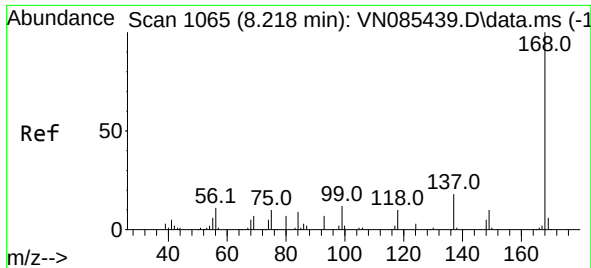
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
Data File : VN085660.D
Acq On : 04 Feb 2025 18:38
Operator : JC\MD
Sample : Q1268-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 05 01:09:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

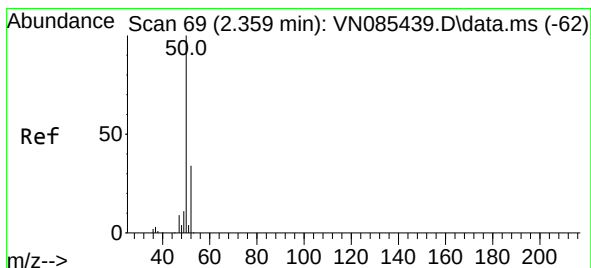
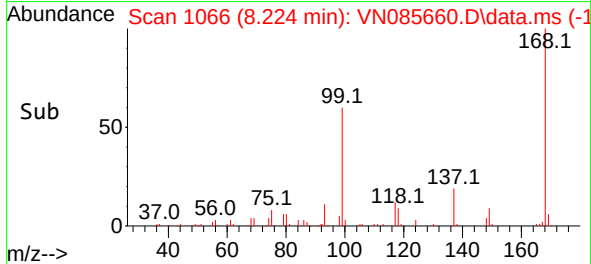
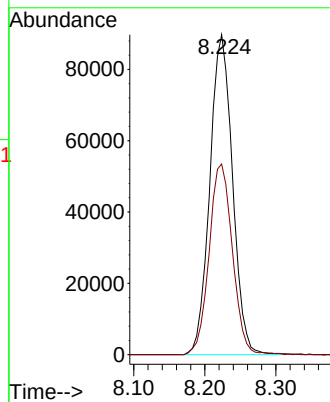
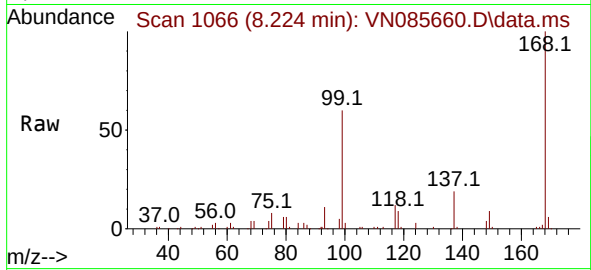




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

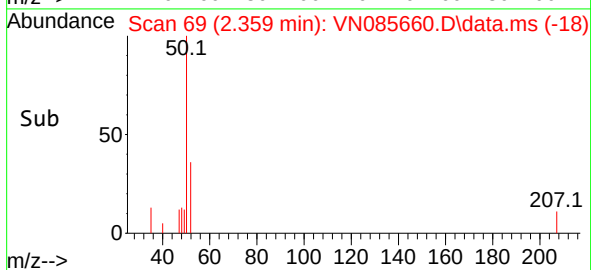
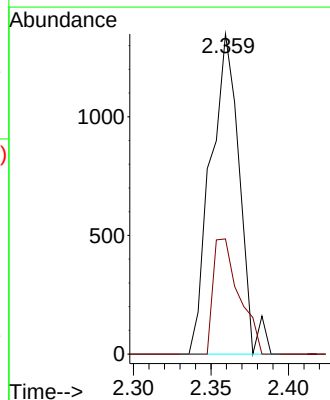
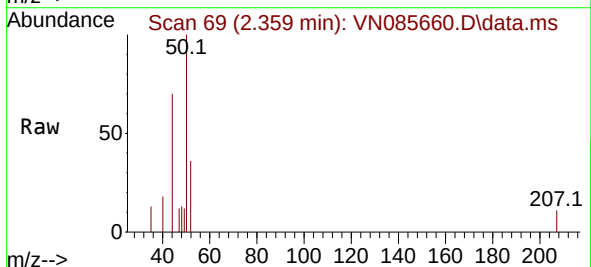
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

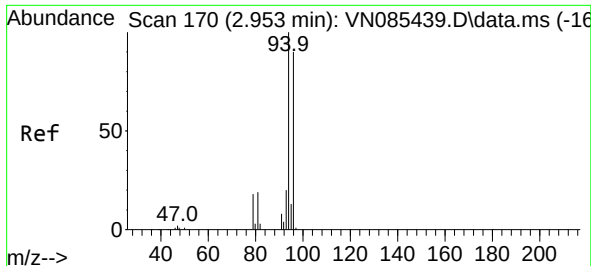
Tgt Ion:168 Resp: 198934
Ion Ratio Lower Upper
168 100
99 59.6 53.6 80.4



#3
Chloromethane
Concen: 0.599 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion: 50 Resp: 1748
Ion Ratio Lower Upper
50 100
52 36.0 27.0 40.6

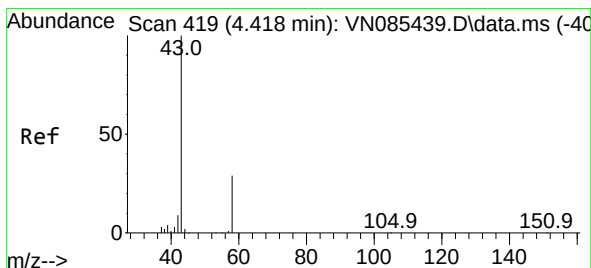
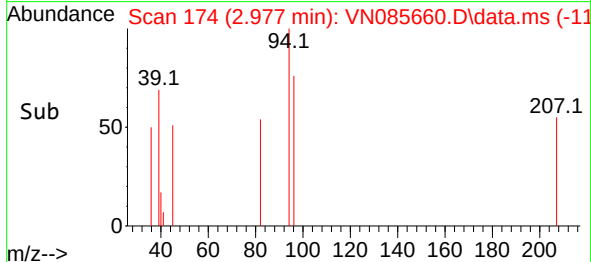
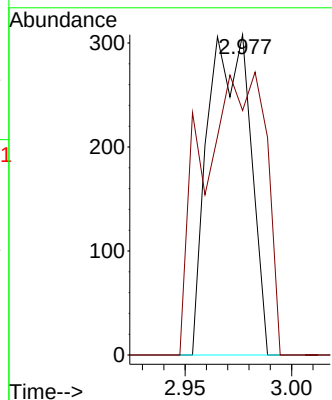
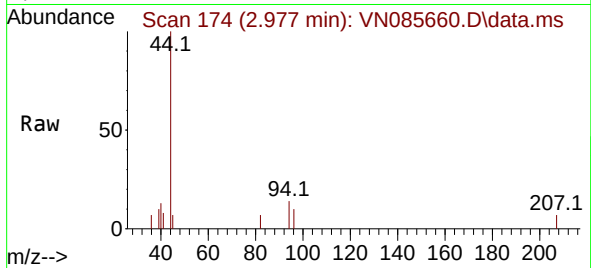




#5
Bromomethane
Concen: 0.242 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

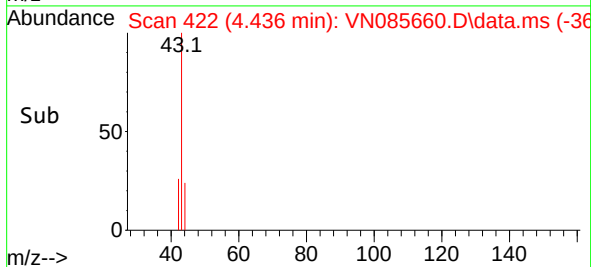
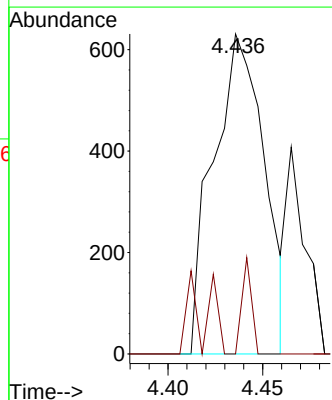
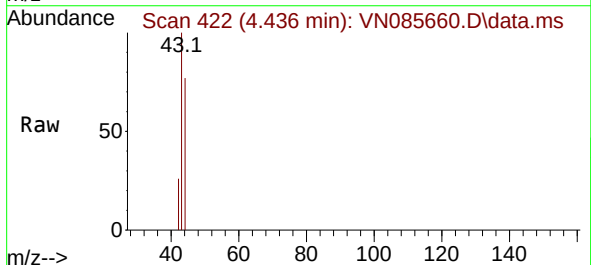
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

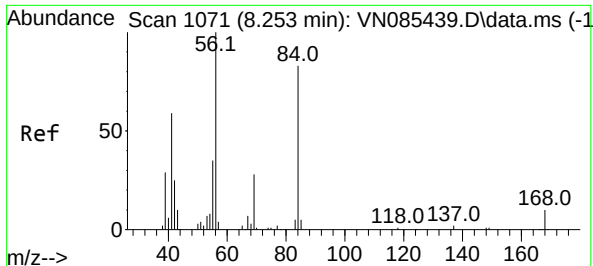
Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 76.3 71.8 107.6



#16
Acetone
Concen: 1.141 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

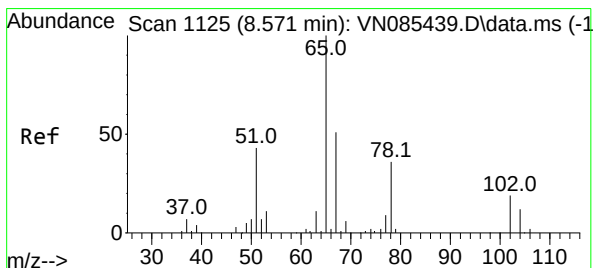
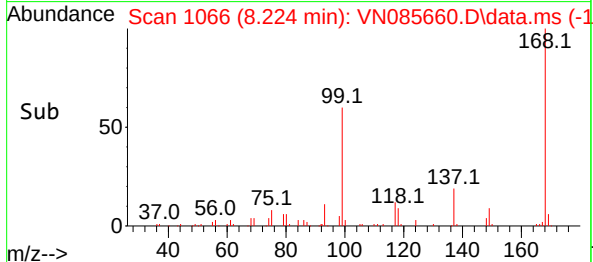
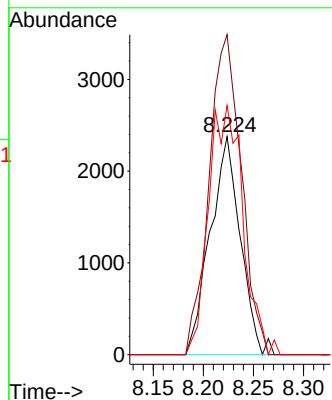
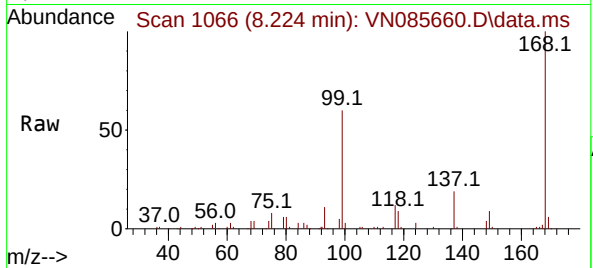




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

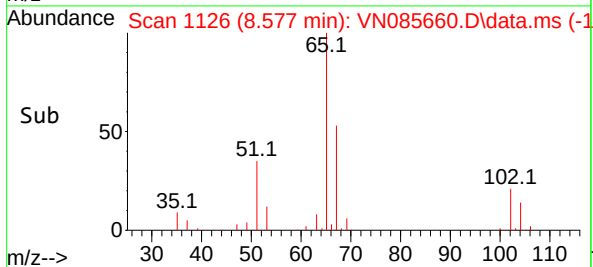
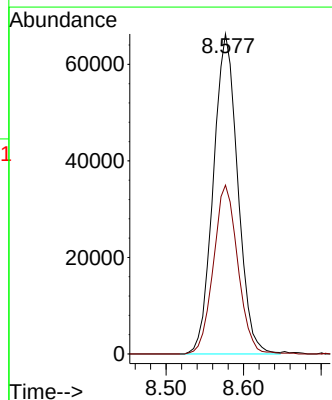
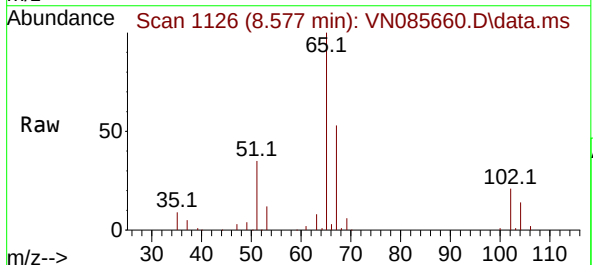
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

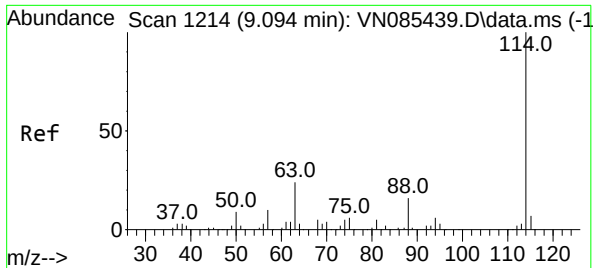
Tgt Ion: 56 Resp: 4973
Ion Ratio Lower Upper
56 100
69 146.7 22.2 33.4#
84 114.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 45.154 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion: 65 Resp: 145000
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.6

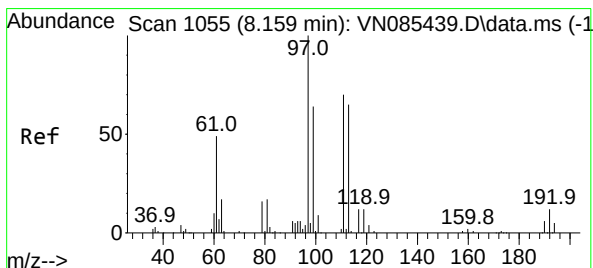
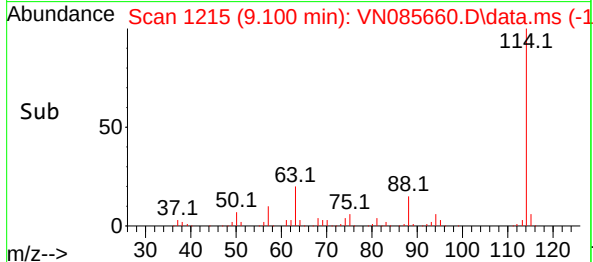
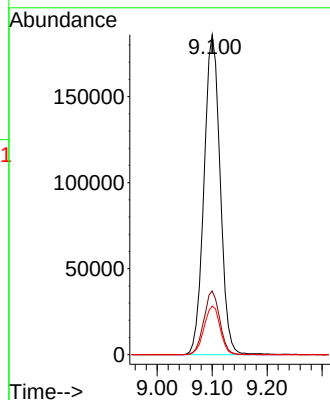
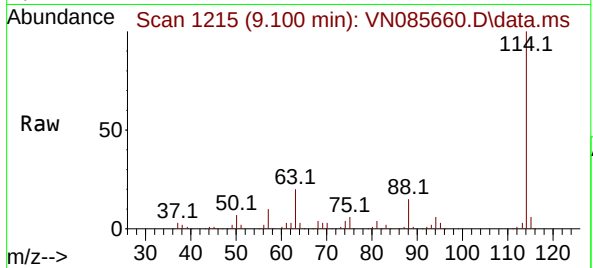




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

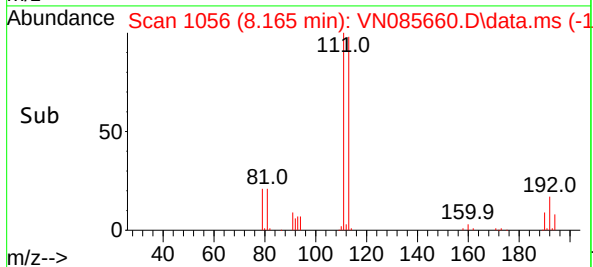
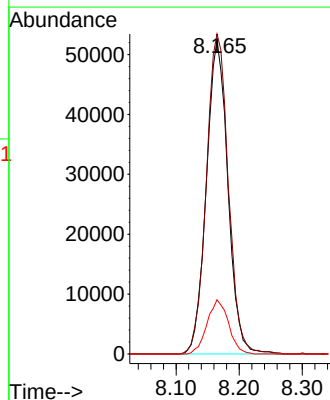
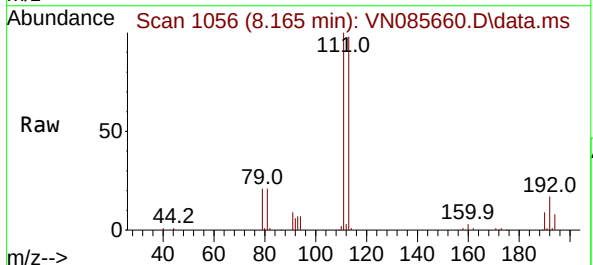
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

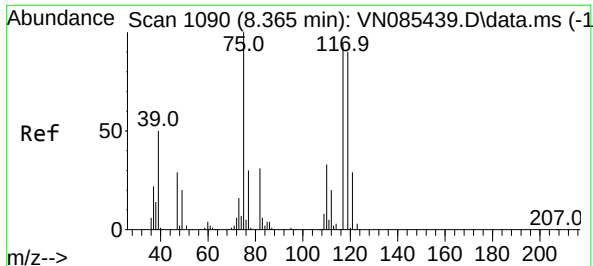
Tgt Ion:114 Resp: 378702
Ion Ratio Lower Upper
114 100
63 19.9 0.0 47.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.269 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion:113 Resp: 124188
Ion Ratio Lower Upper
113 100
111 104.3 82.7 124.1
192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.722 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085660.D

Acq: 04 Feb 2025 18:38

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

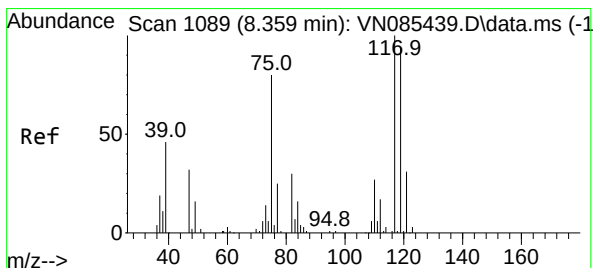
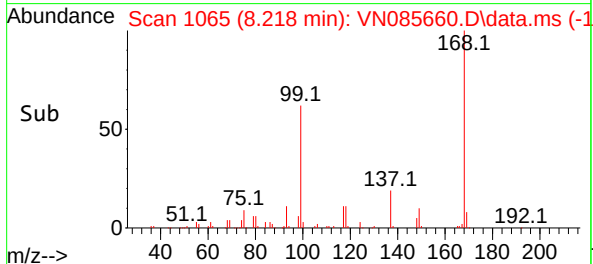
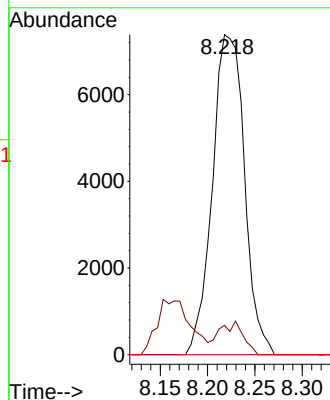
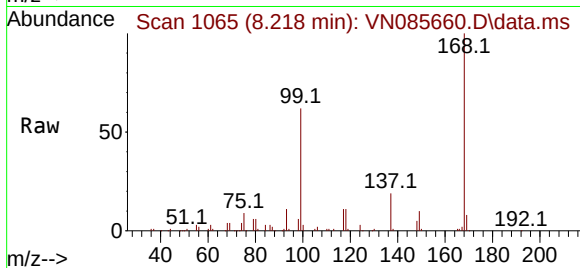
Tgt Ion: 75 Resp: 17410

Ion Ratio Lower Upper

75 100

110 7.9 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.205 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085660.D

Acq: 04 Feb 2025 18:38

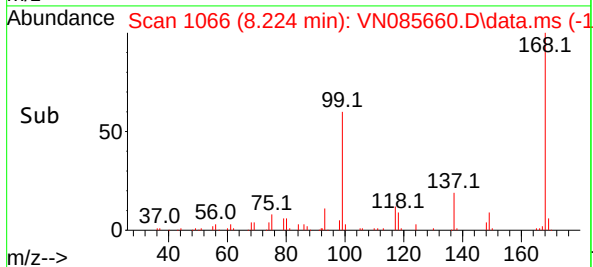
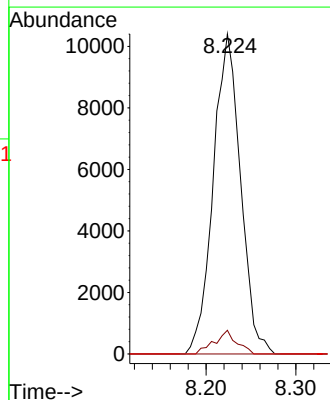
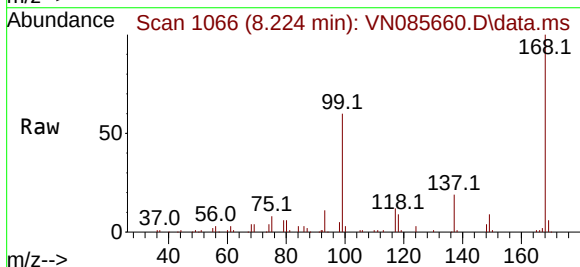
Tgt Ion: 117 Resp: 21972

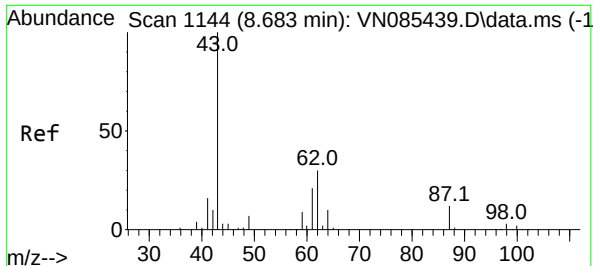
Ion Ratio Lower Upper

117 100

119 7.4 75.4 113.2#

121 0.0 24.6 37.0#

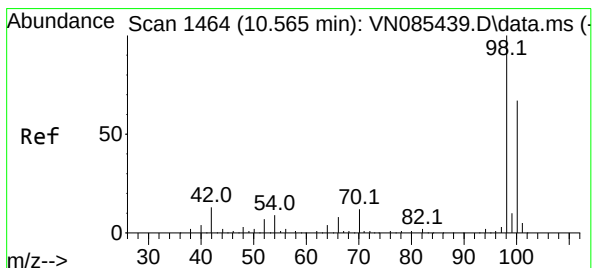
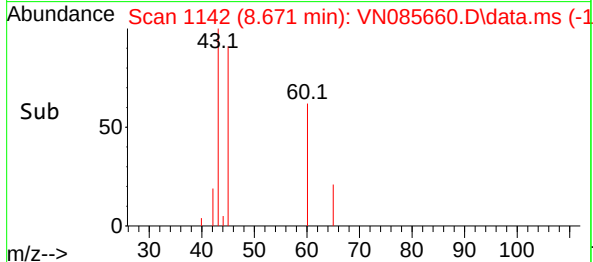
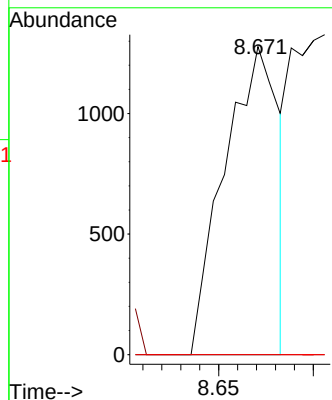
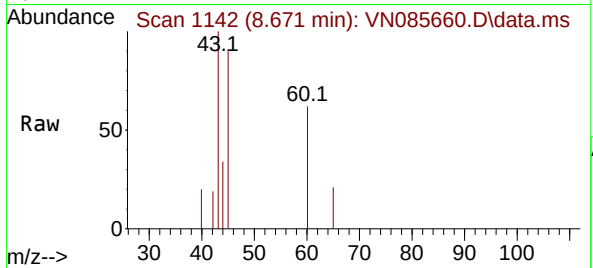




#43
Isopropyl Acetate
Concen: 0.425 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.012 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

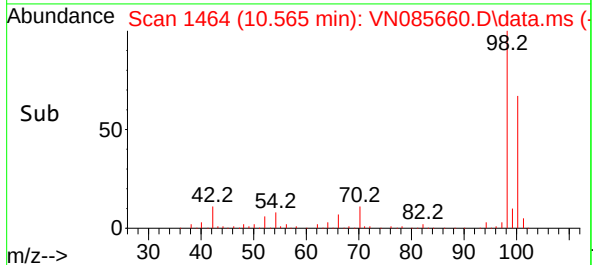
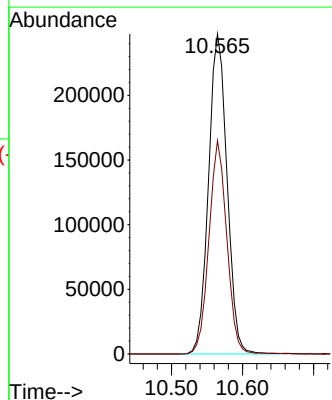
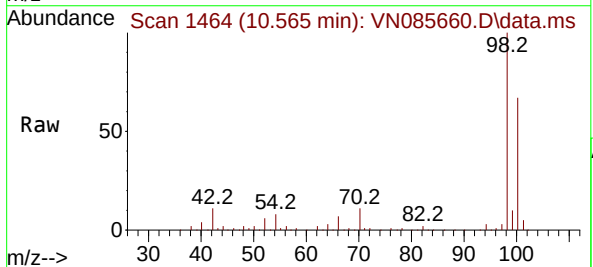
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

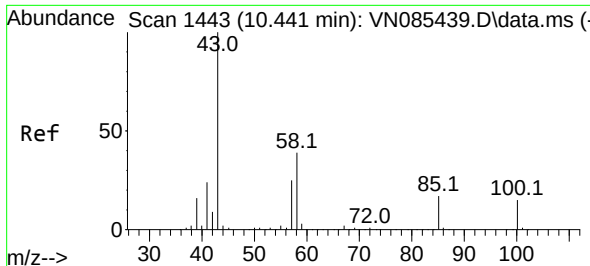
Tgt Ion: 43 Resp: 2537
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 48.065 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion: 98 Resp: 448666
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

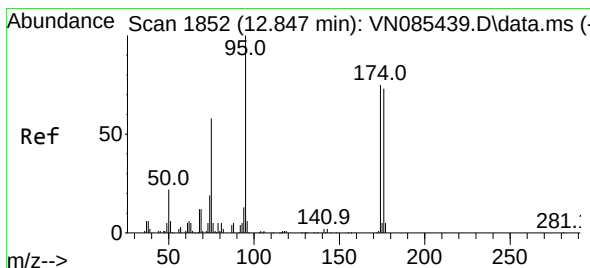
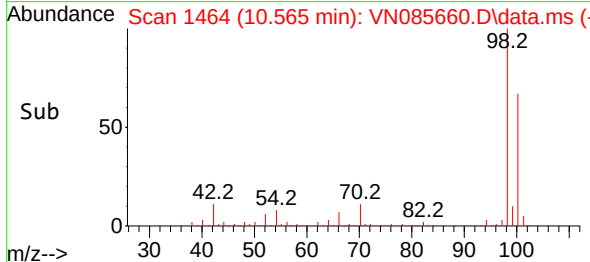
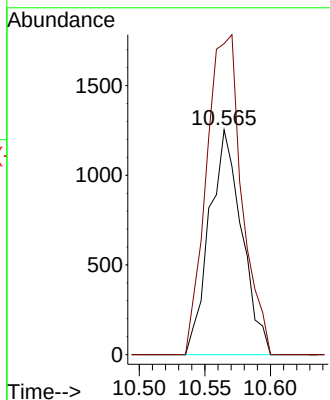
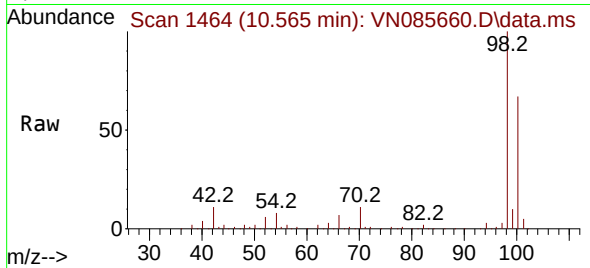




#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

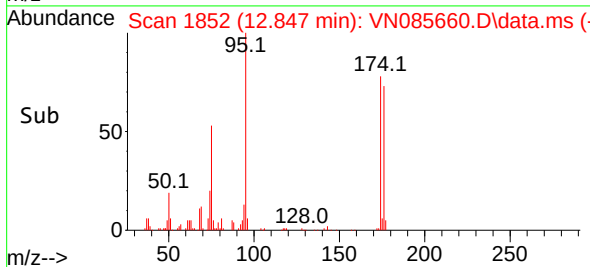
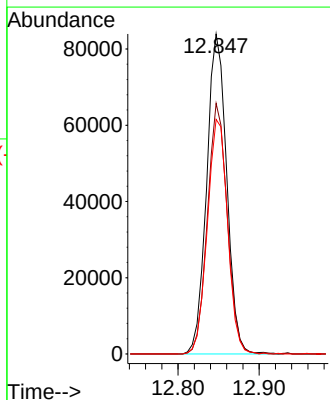
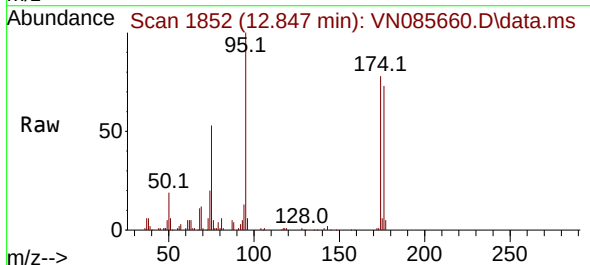
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

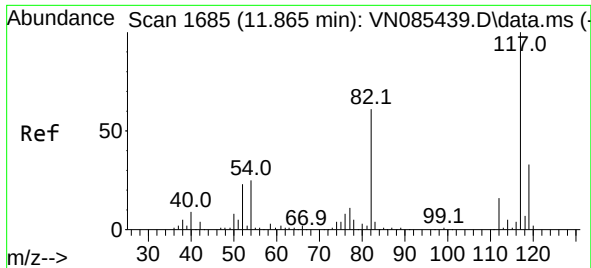
Tgt Ion: 43 Resp: 2155
Ion Ratio Lower Upper
43 100
58 156.2 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 45.050 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion: 95 Resp: 143851
Ion Ratio Lower Upper
95 100
174 77.5 0.0 145.0
176 74.2 0.0 142.4

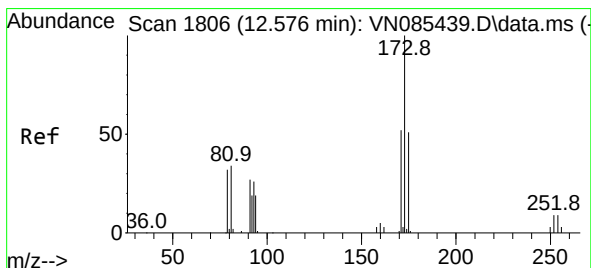
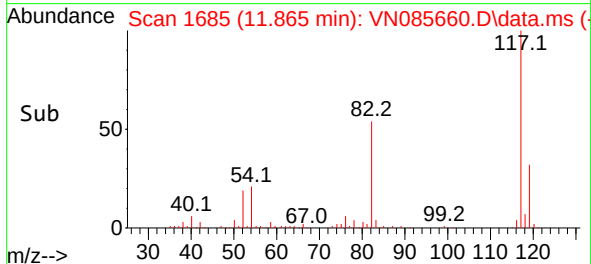
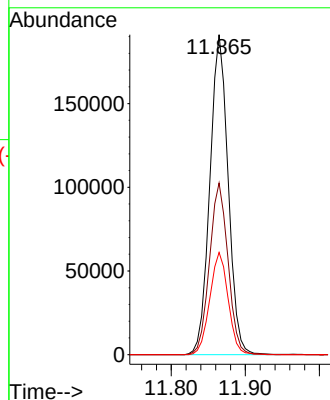
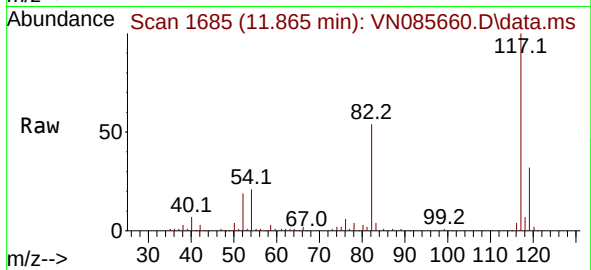




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

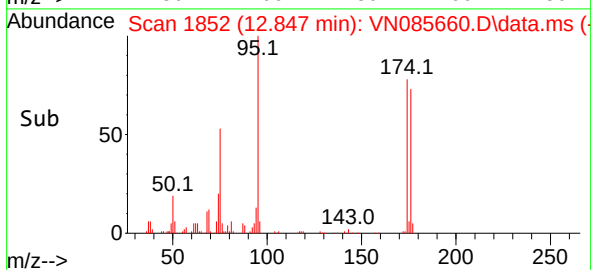
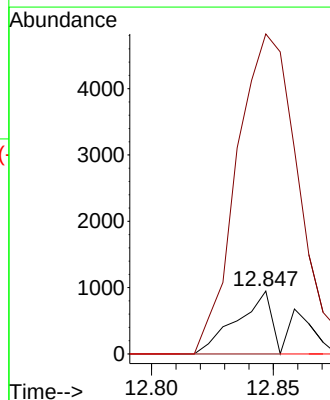
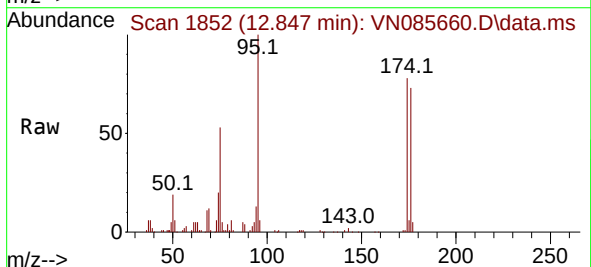
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

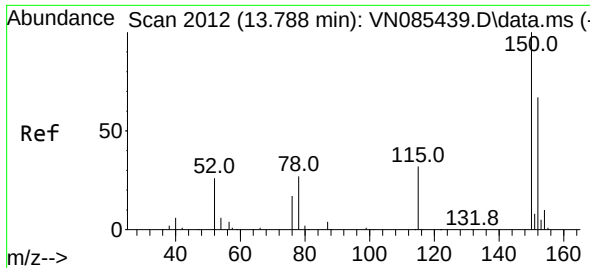
Tgt Ion:117 Resp: 327453
Ion Ratio Lower Upper
117 100
82 53.7 48.6 72.8
119 31.9 26.6 39.8



#71
Bromoform
Concen: 0.496 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion:173 Resp: 934
Ion Ratio Lower Upper
173 100
175 688.8 24.4 73.2#
254 0.0 0.0 0.0

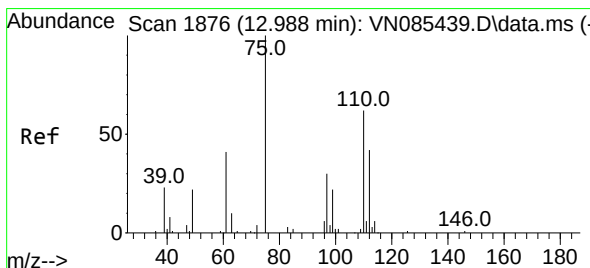
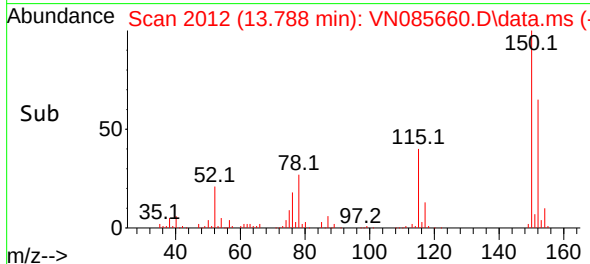
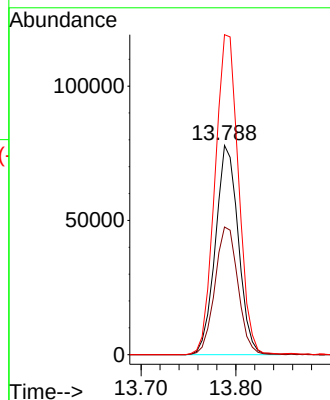
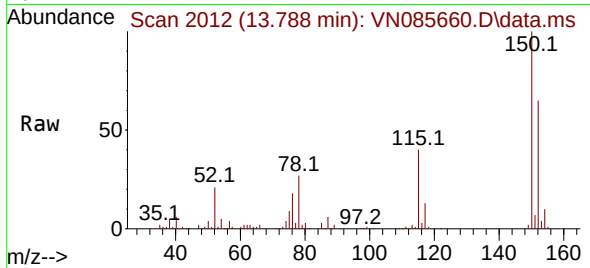




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085660.D
 Acq: 04 Feb 2025 18:38

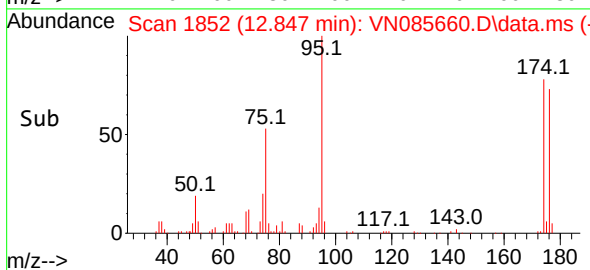
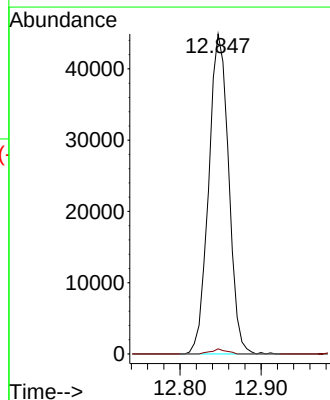
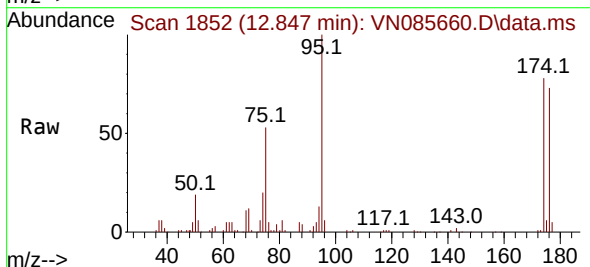
Instrument : MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

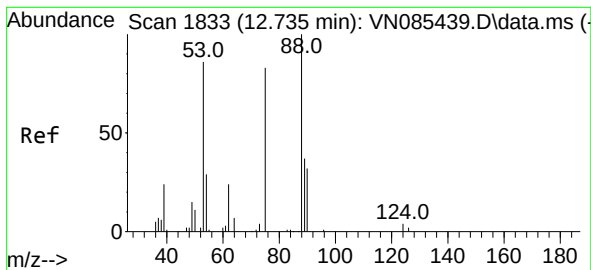
Tgt Ion:152 Resp: 130812
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.1 93.3
 150 157.2 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 28.864 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085660.D
 Acq: 04 Feb 2025 18:38

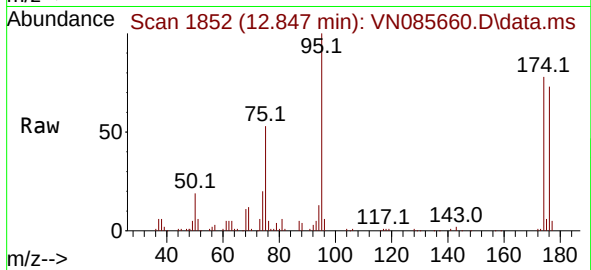
Tgt Ion: 75 Resp: 76743
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.093 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion: 75 Resp: 76743
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#

