

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085474.D
 Acq On : 16 Jan 2025 16:57
 Operator : JC\MD
 Sample : Q1060-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 17 01:07:10 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)

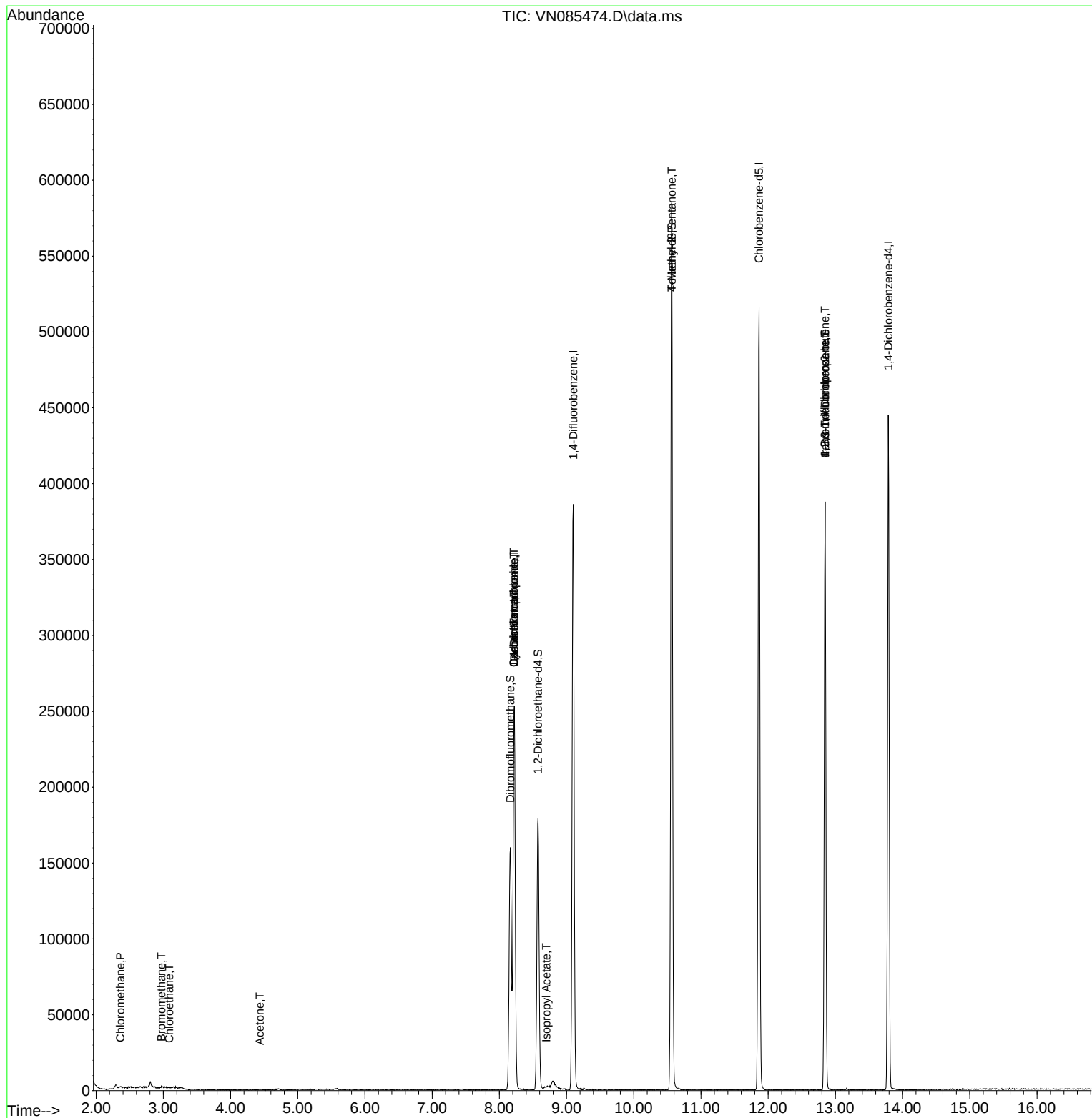
Internal Standards						
1) Pentafluorobenzene	8.224	168	172349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	154661	55.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.180%	
35) Dibromofluoromethane	8.165	113	112895	51.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	10.565	98	383264	49.321	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	12.847	95	125750	47.307	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	787	0.311	ug/l	96
5) Bromomethane	2.971	94	399	0.260	ug/l	100
6) Chloroethane	3.089	64	349	0.217	ug/l #	44
16) Acetone	4.436	43	471	0.524	ug/l #	45
31) Cyclohexane	8.218	56	5023	1.423	ug/l #	36
36) 1,1-Dichloropropene	8.218	75	16609	5.411	ug/l #	51
38) Carbon Tetrachloride	8.218	117	19221	5.470	ug/l #	17
43) Isopropyl Acetate	8.700	43	1706	0.344	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1988	0.690	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72027	32.152	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72027	86.991	ug/l #	3

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

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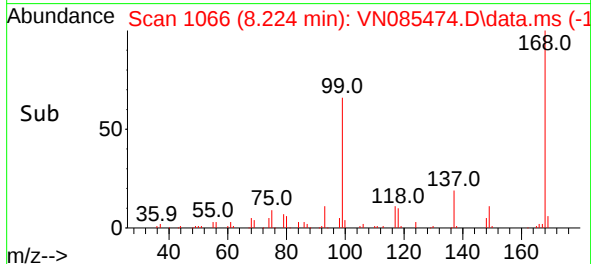
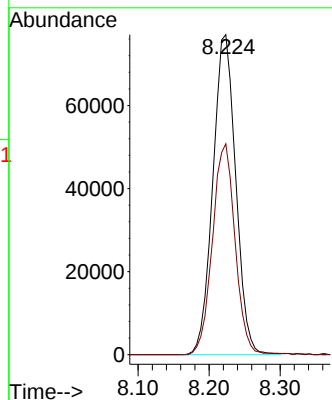
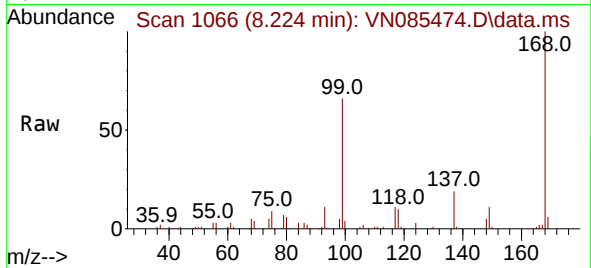




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

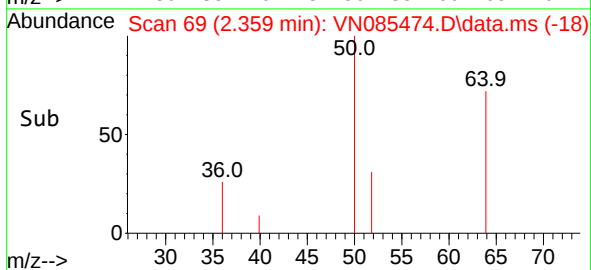
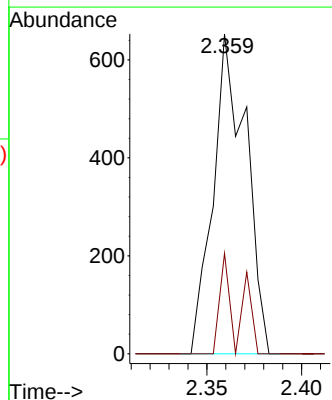
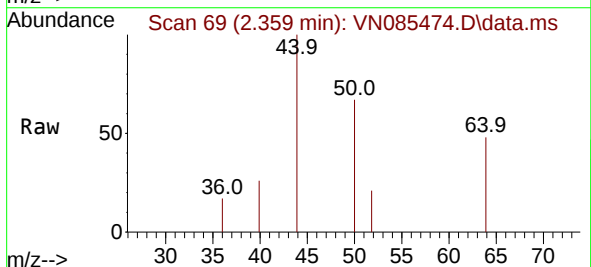
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

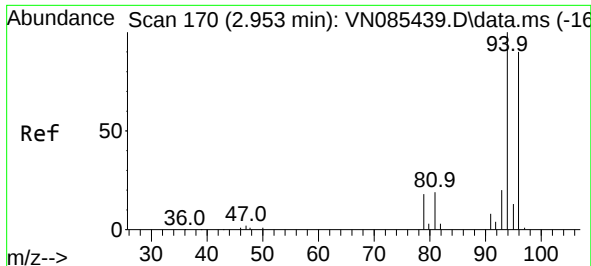
Tgt Ion:168 Resp: 172349
Ion Ratio Lower Upper
168 100
99 65.9 53.6 80.4



#3
Chloromethane
Concen: 0.311 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

Tgt Ion: 50 Resp: 787
Ion Ratio Lower Upper
50 100
52 31.4 27.0 40.6

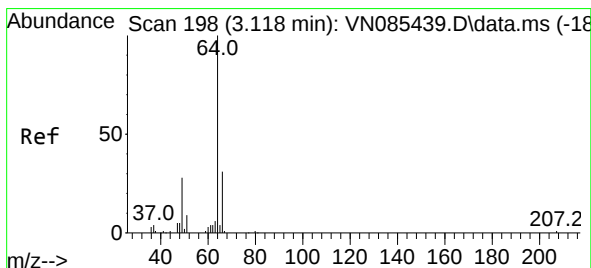
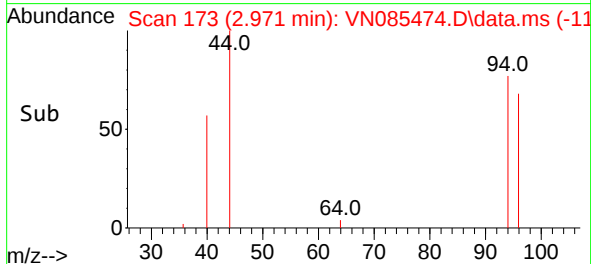
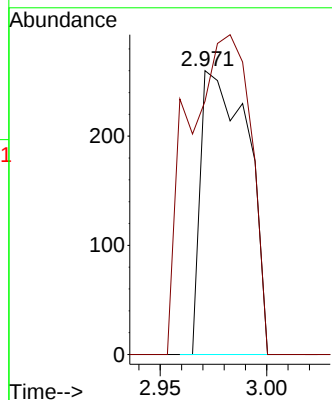
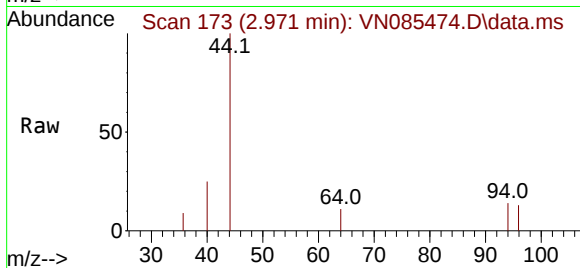




#5
Bromomethane
Concen: 0.260 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

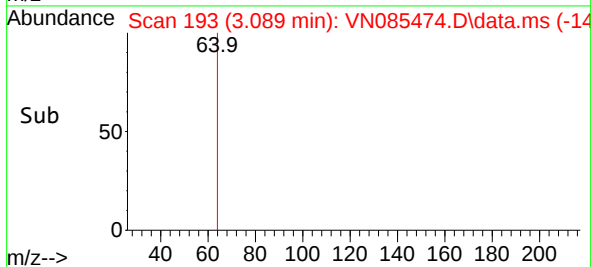
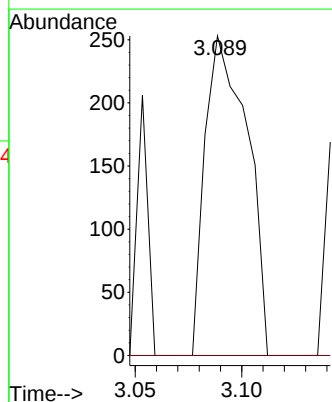
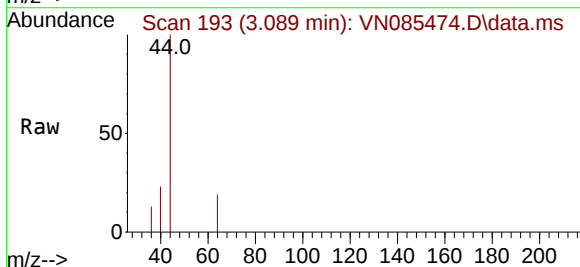
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

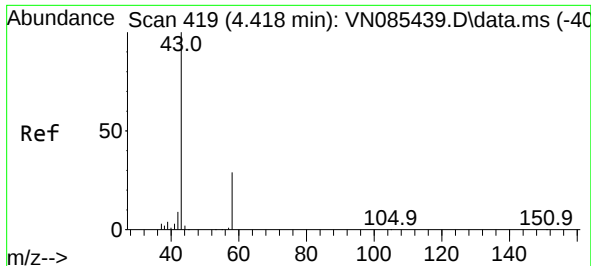
Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 89.2 71.8 107.6



#6
Chloroethane
Concen: 0.217 ug/l
RT: 3.089 min Scan# 193
Delta R.T. -0.030 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#





#16

Acetone

Concen: 0.524 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN085474.D

Acq: 16 Jan 2025 16:57

Instrument :

MSVOA_N

ClientSampleId :

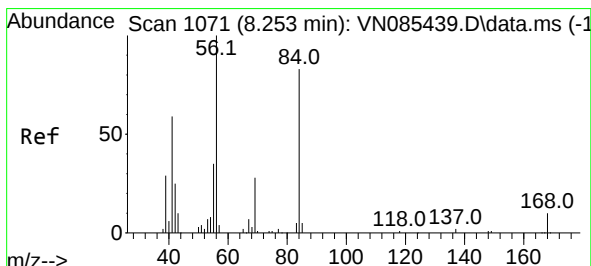
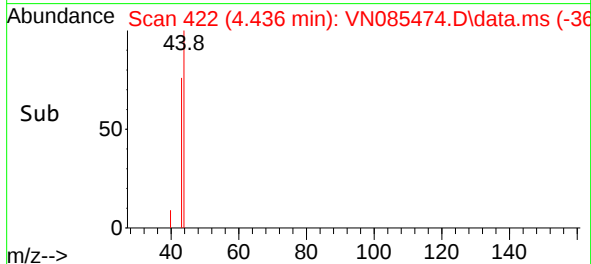
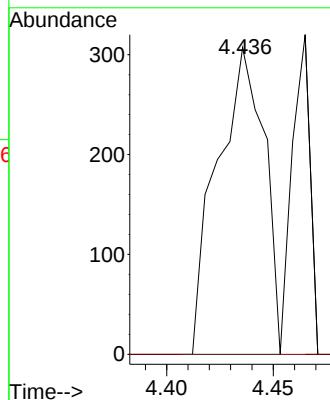
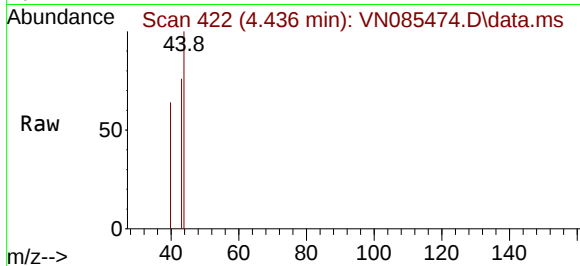
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 43 Resp: 471

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#



#31

Cyclohexane

Concen: 1.423 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN085474.D

Acq: 16 Jan 2025 16:57

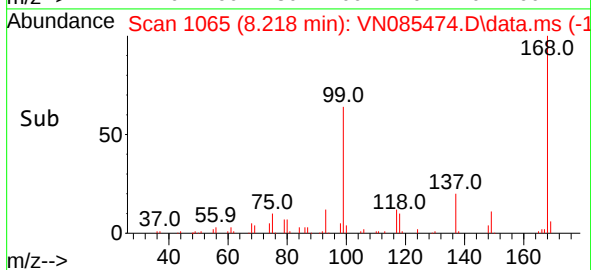
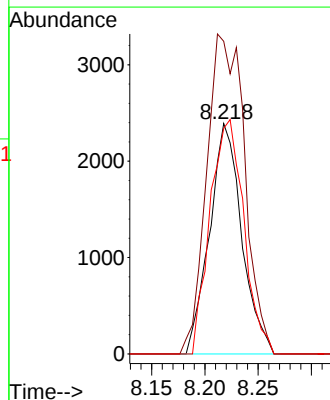
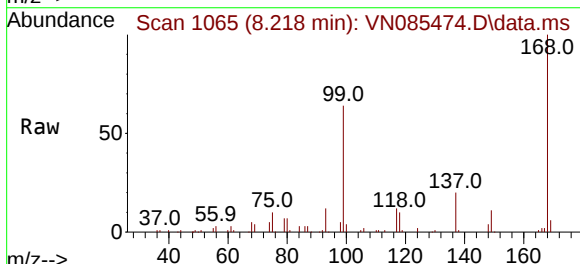
Tgt Ion: 56 Resp: 5023

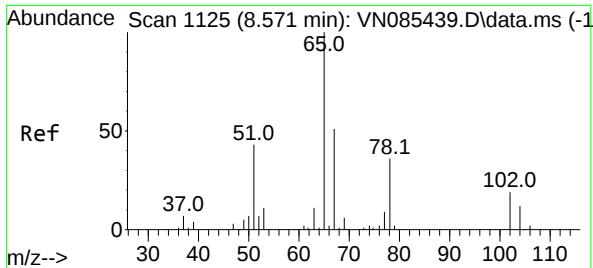
Ion Ratio Lower Upper

56 100

69 135.7 22.2 33.4#

84 97.9 66.4 99.6

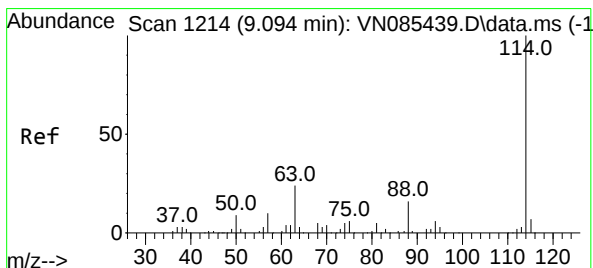
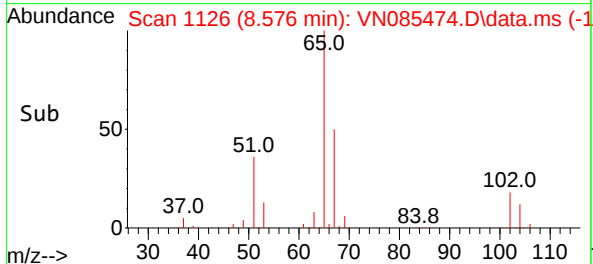
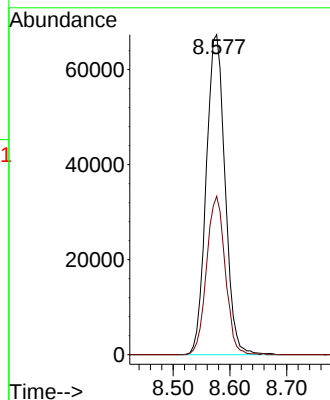
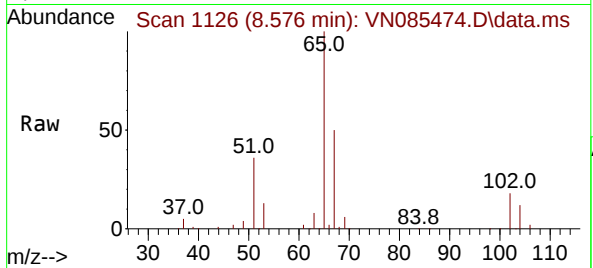




#33
 1,2-Dichloroethane-d4
 Concen: 55.592 ug/l
 RT: 8.576 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

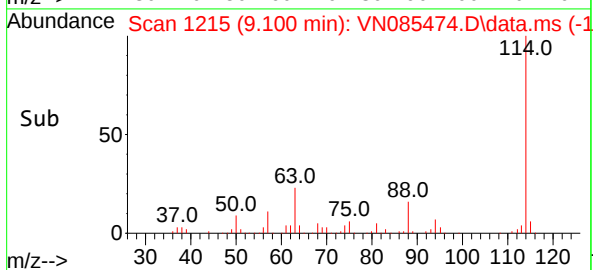
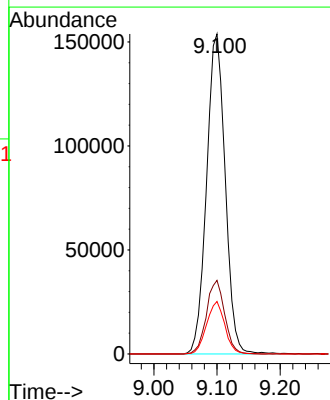
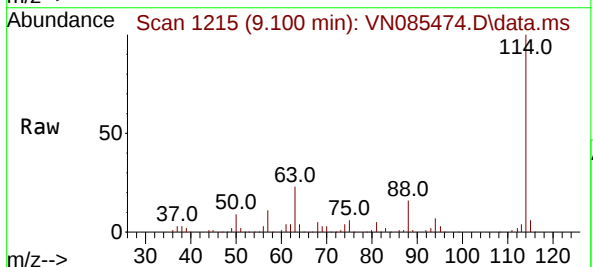
Instrument : MSVOA_N
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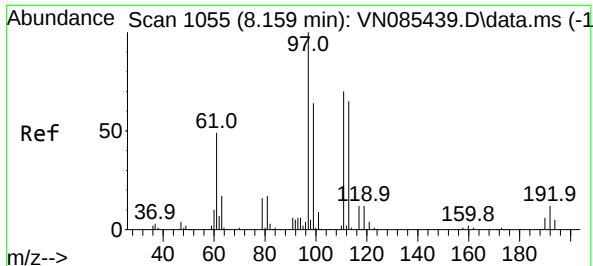
Tgt Ion: 65 Resp: 154661
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

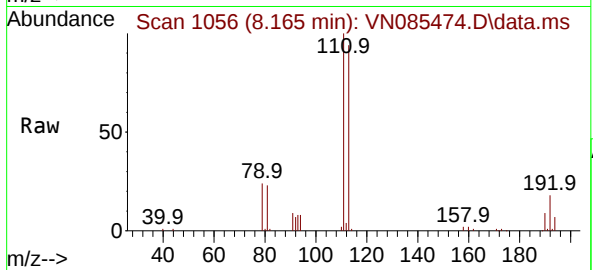
Tgt Ion: 114 Resp: 315259
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.6
 88 16.4 0.0 32.6



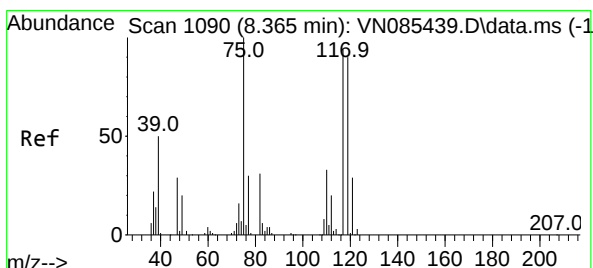
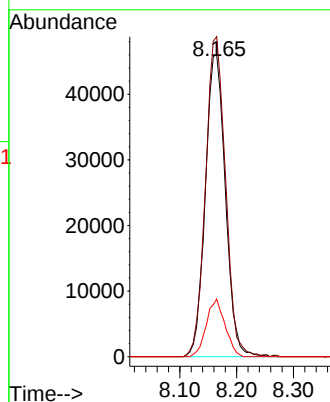
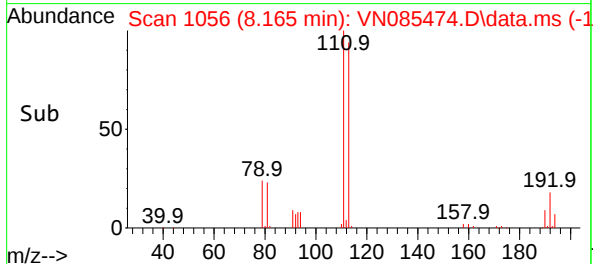


#35
Dibromofluoromethane
Concen: 51.618 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

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

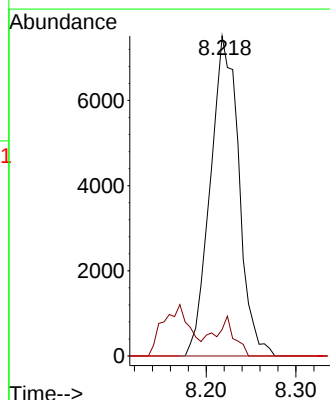
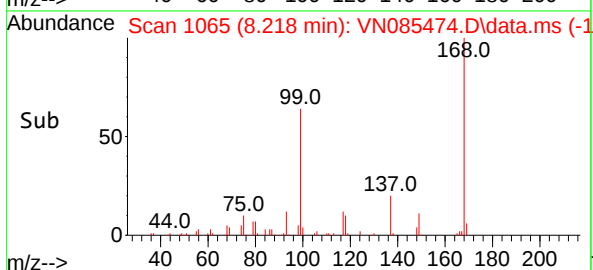
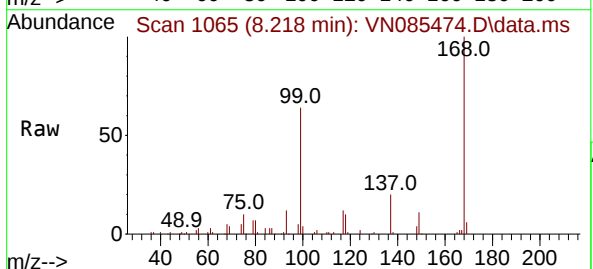


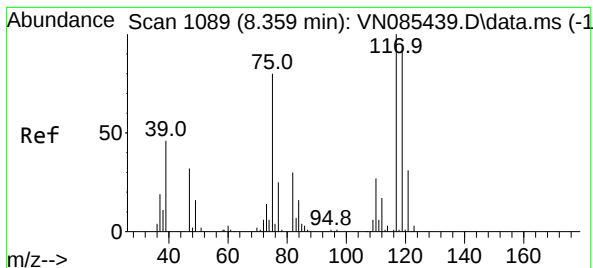
Tgt Ion:113 Resp: 112895
Ion Ratio Lower Upper
113 100
111 105.3 82.7 124.1
192 17.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.411 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

Tgt Ion: 75 Resp: 16609
Ion Ratio Lower Upper
75 100
110 8.7 16.5 49.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.470 ug/l

RT: 8.218 min Scan# 1106

Delta R.T. -0.141 min

Lab File: VN085474.D

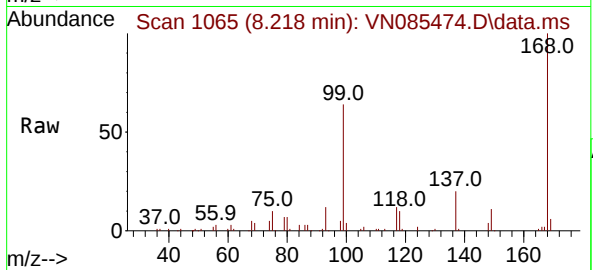
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Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



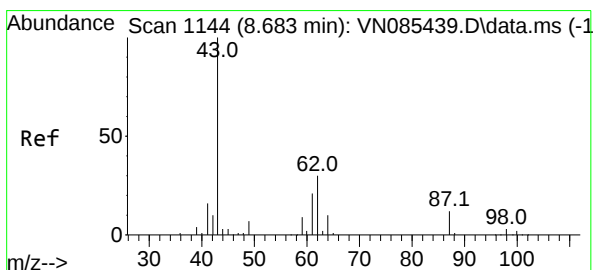
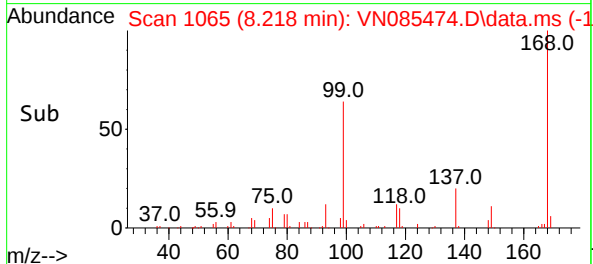
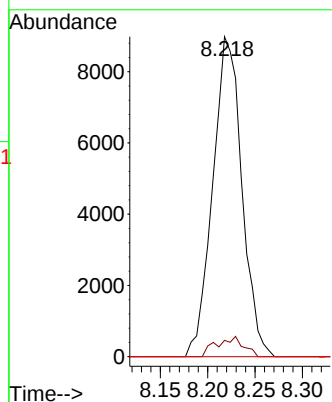
Tgt Ion:117 Resp: 19221

Ion Ratio Lower Upper

117 100

119 5.1 75.4 113.2#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 0.344 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.018 min

Lab File: VN085474.D

Acq: 16 Jan 2025 16:57

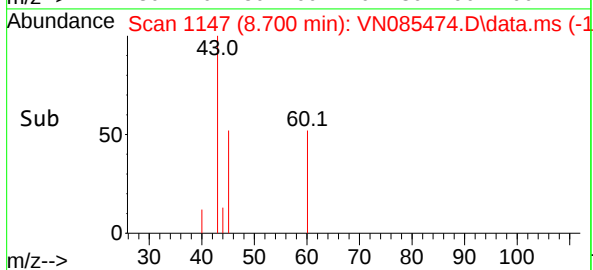
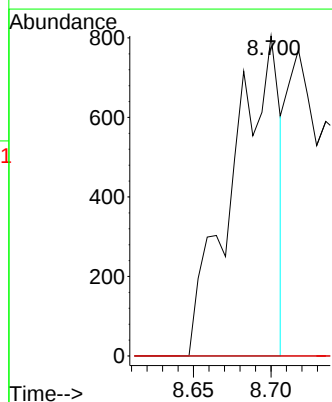
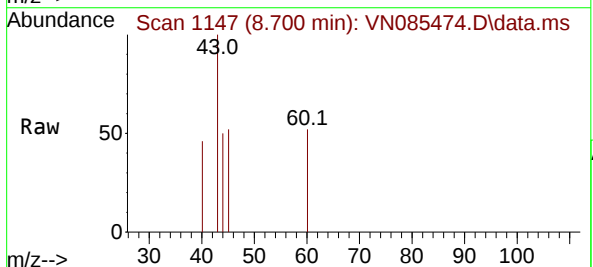
Tgt Ion: 43 Resp: 1706

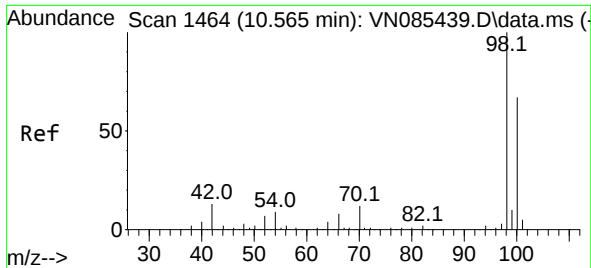
Ion Ratio Lower Upper

43 100

61 0.0 20.7 31.1#

87 0.0 9.8 14.8#

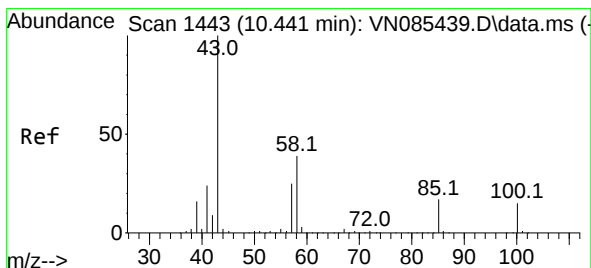
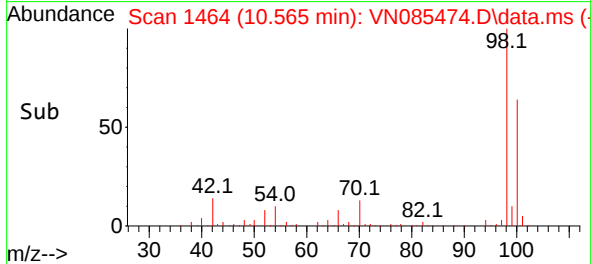
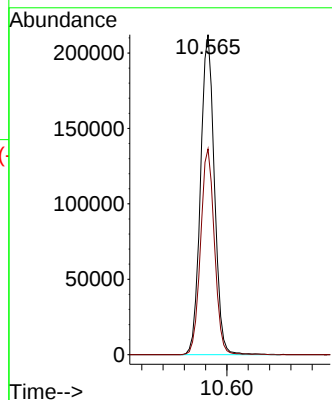
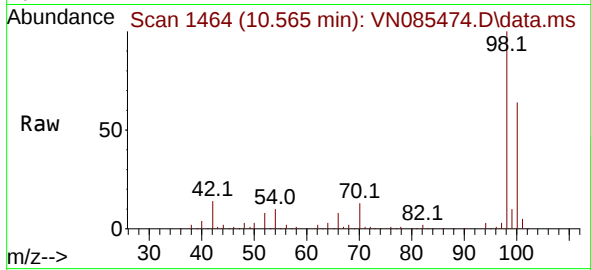




#50
Toluene-d8
Concen: 49.321 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

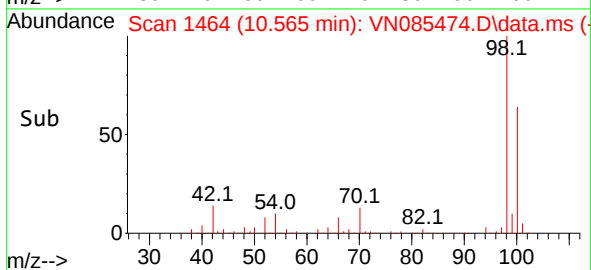
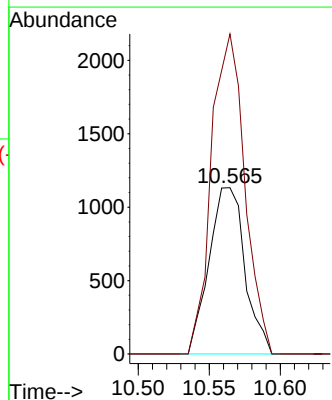
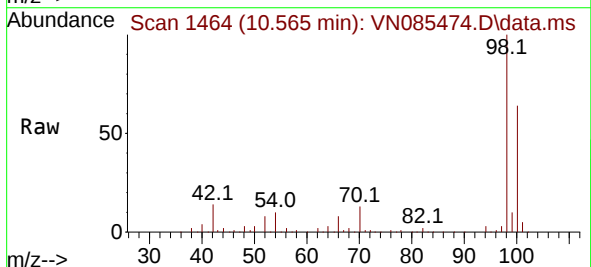
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

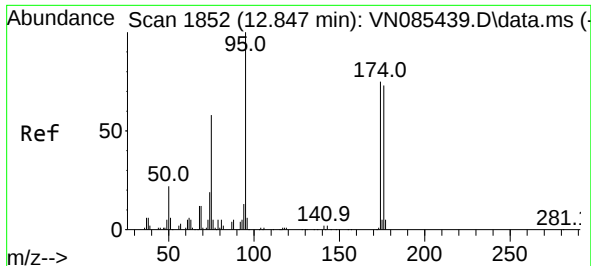
Tgt Ion: 98 Resp: 383264
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.690 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
58 179.5 30.5 45.7#

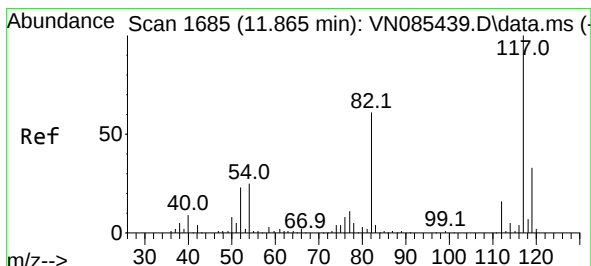
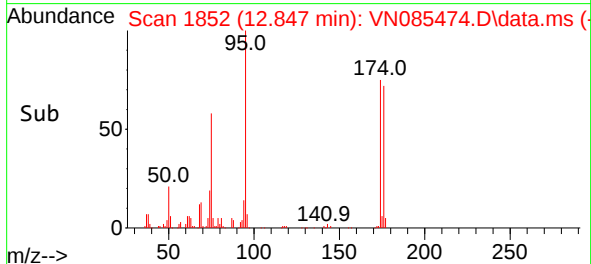
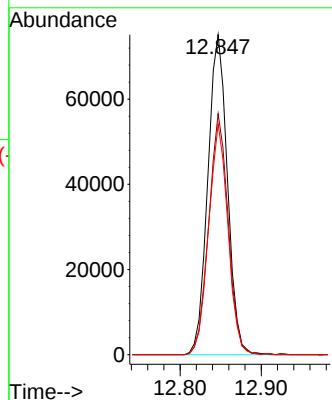
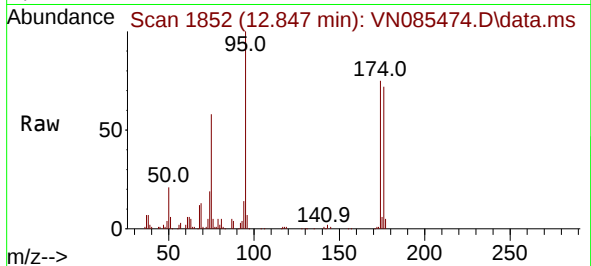




#62
4-Bromofluorobenzene
Concen: 47.307 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

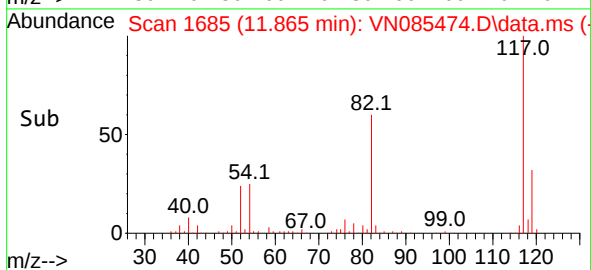
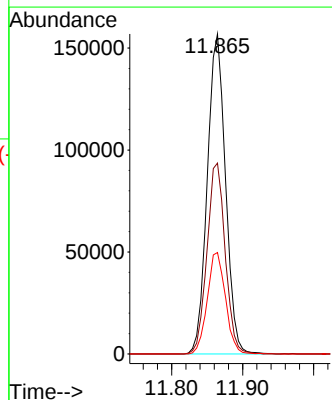
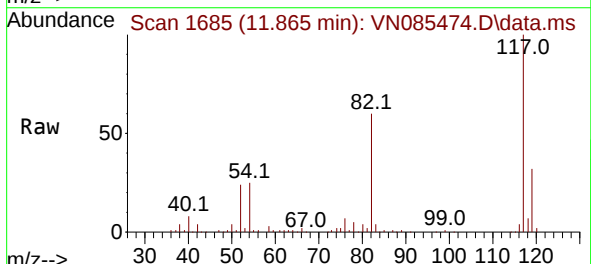
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

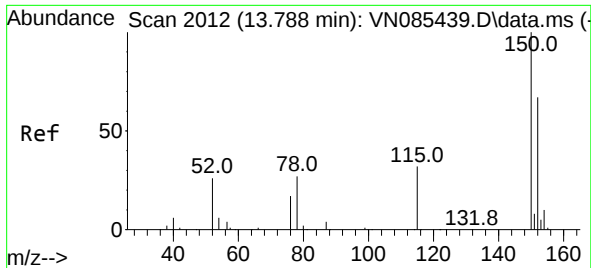
Tgt Ion: 95 Resp: 125750
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.0
176 71.0 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085474.D
Acq: 16 Jan 2025 16:57

Tgt Ion: 117 Resp: 279617
Ion Ratio Lower Upper
117 100
82 59.7 48.6 72.8
119 31.7 26.6 39.8

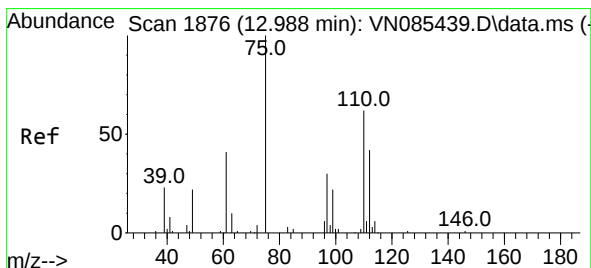
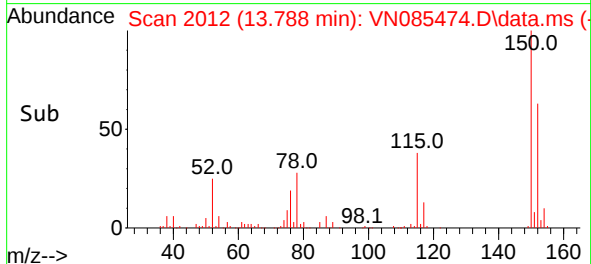
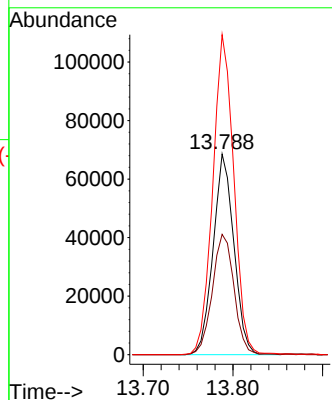
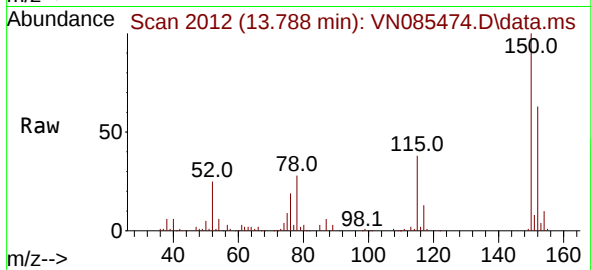




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

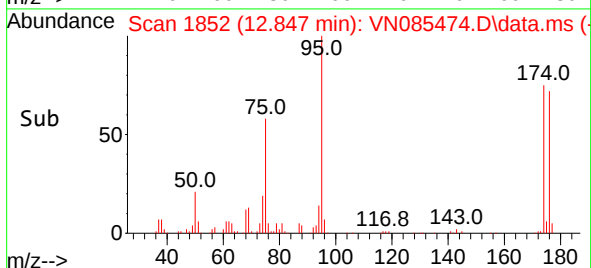
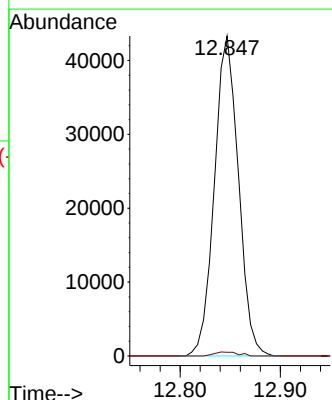
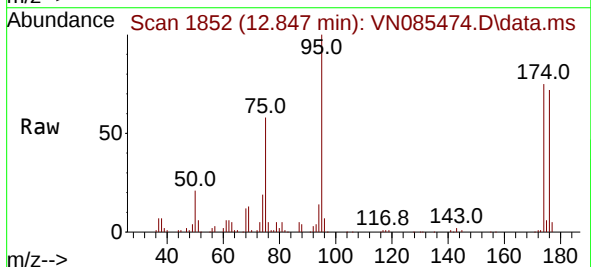
Instrument : MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

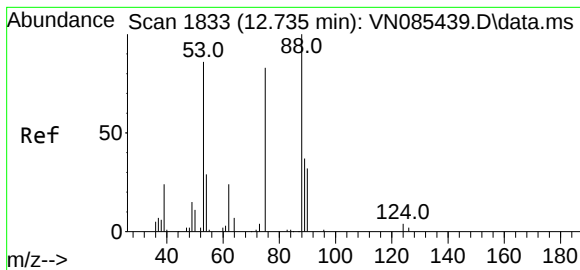
Tgt Ion:152 Resp: 110216
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.1 93.3
 150 161.8 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 32.152 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

Tgt Ion: 75 Resp: 72027
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.991 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

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

Tgt Ion: 75	Resp:	72027
Ion Ratio	Lower	Upper
75	100	
53	0.0	95.6 143.4#
89	0.0	37.0 55.6#

