

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085537.D
 Acq On : 28 Jan 2025 14:37
 Operator : JC\MD
 Sample : Q1199-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 00:39:25 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)

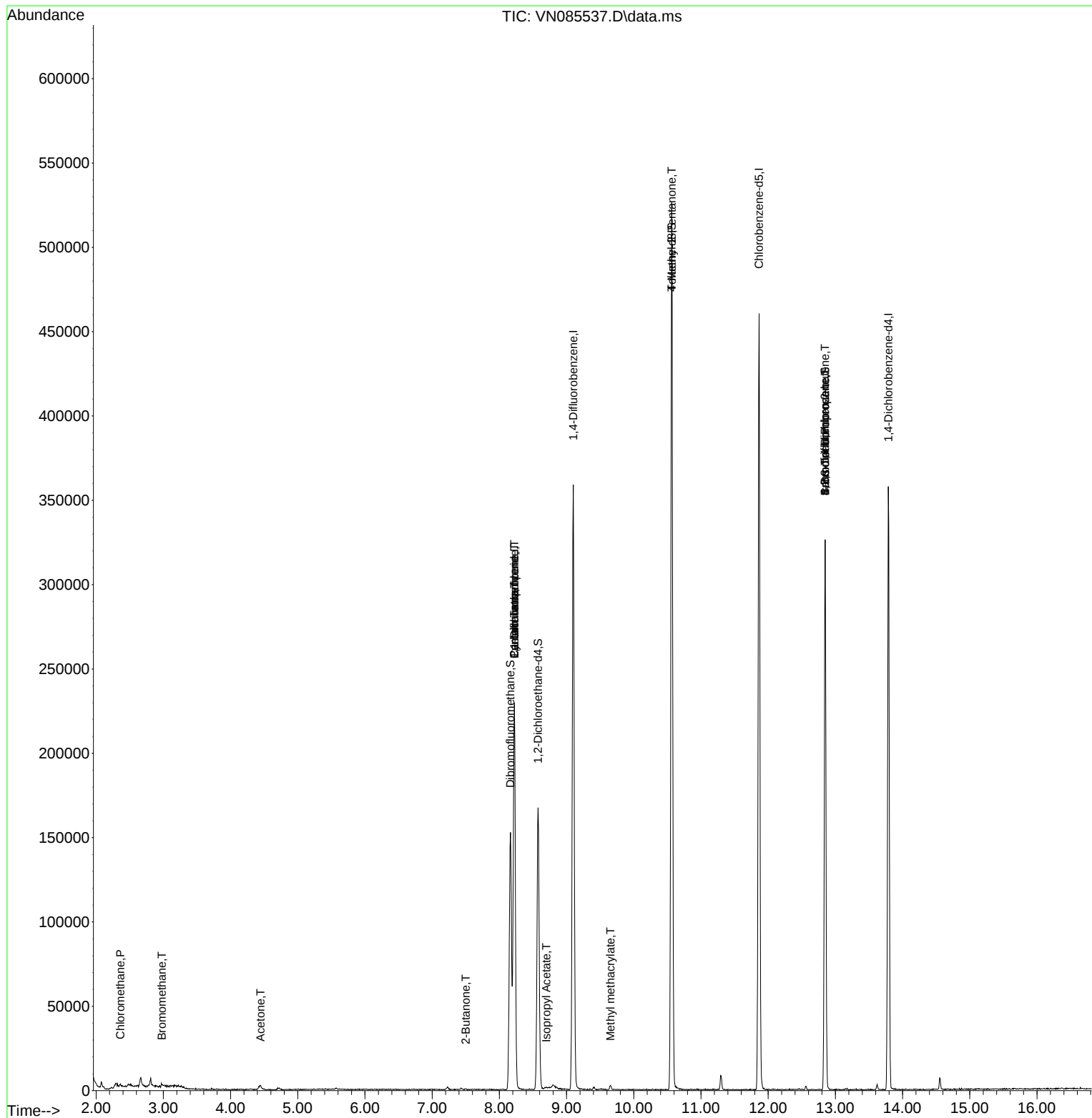
Internal Standards						
1) Pentafluorobenzene	8.224	168	153446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141633	57.181	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.360%	
35) Dibromofluoromethane	8.165	113	107001	53.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.160%	
50) Toluene-d8	10.565	98	346432	48.827	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.660%	
62) 4-Bromofluorobenzene	12.847	95	105662	43.535	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	953	0.424	ug/l #	85
5) Bromomethane	2.977	94	431	0.316	ug/l #	80
16) Acetone	4.447	43	5039	6.296	ug/l	93
25) 2-Butanone	7.500	43	546	0.464	ug/l #	50
31) Cyclohexane	8.224	56	4165	1.325	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14442	5.153	ug/l #	52
38) Carbon Tetrachloride	8.224	117	17567	5.475	ug/l #	17
43) Isopropyl Acetate	8.700	43	1216	0.268	ug/l #	55
48) Methyl methacrylate	9.653	41	959	0.470	ug/l #	41
51) 4-Methyl-2-Pentanone	10.565	43	1728	0.657	ug/l #	1
71) Bromoform	12.847	173	1037	0.724	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58426	31.716	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58426	85.810	ug/l #	3

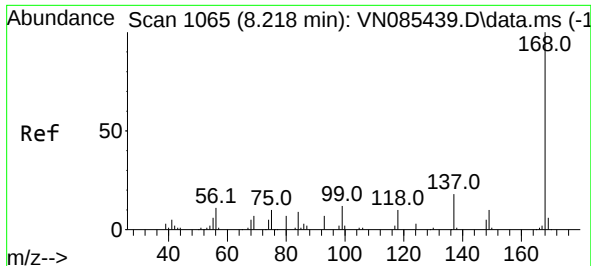
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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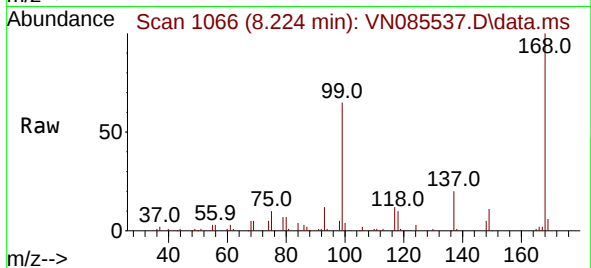
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



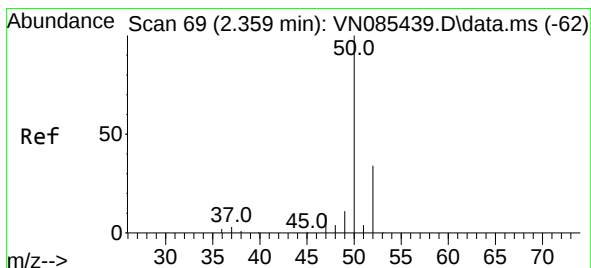
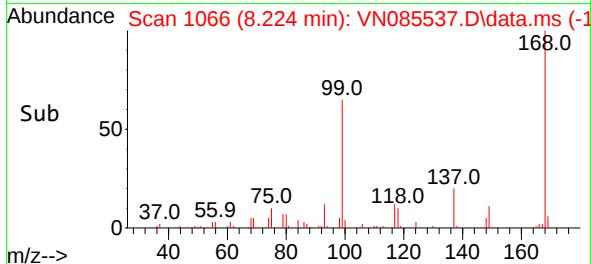
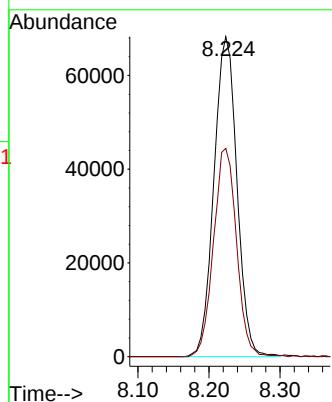


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :

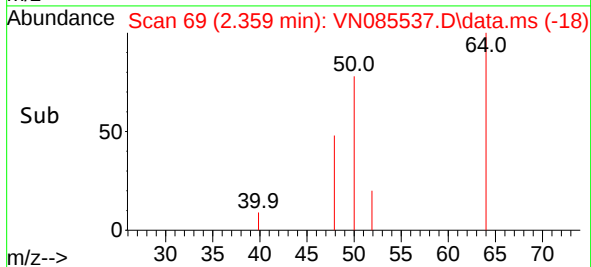
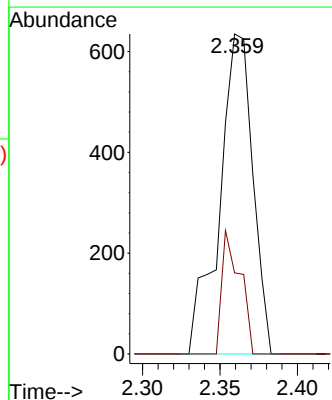
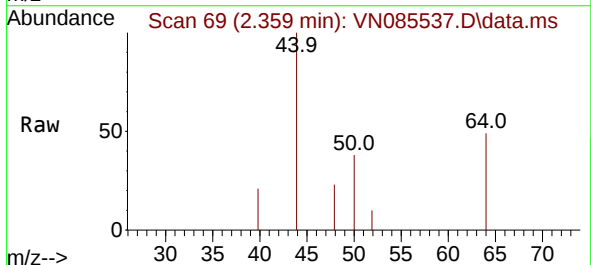


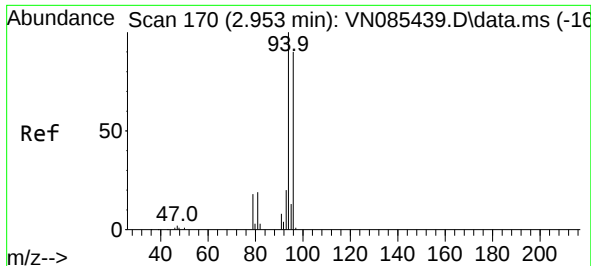
Tgt Ion:168 Resp: 153446
Ion Ratio Lower Upper
168 100
99 65.1 53.6 80.4



#3
Chloromethane
Concen: 0.424 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

Tgt Ion: 50 Resp: 953
Ion Ratio Lower Upper
50 100
52 25.4 27.0 40.6#

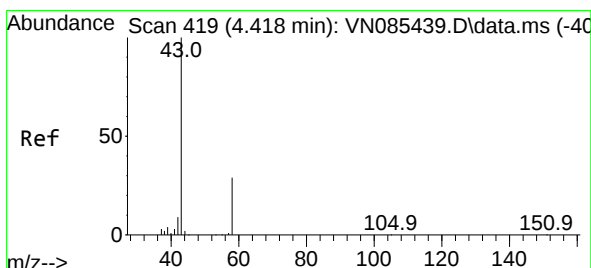
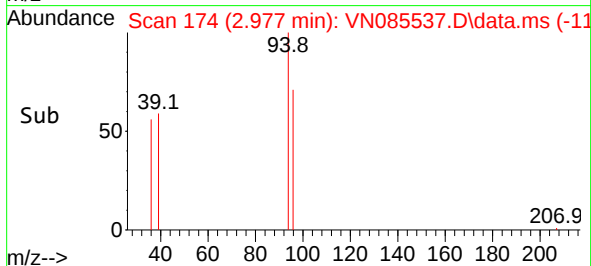
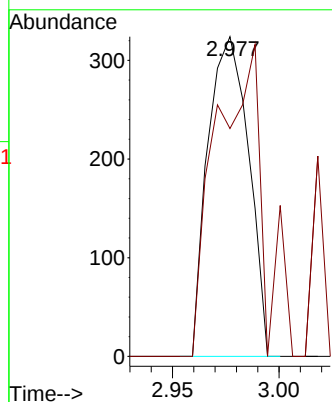
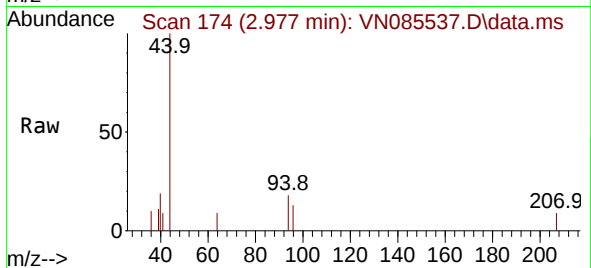




#5
Bromomethane
Concen: 0.316 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

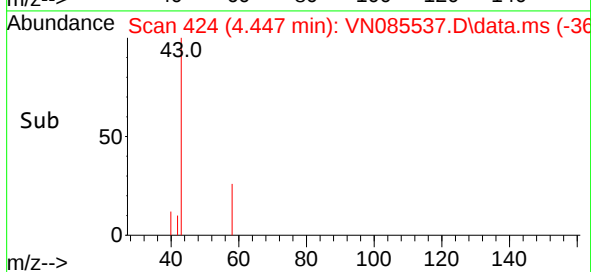
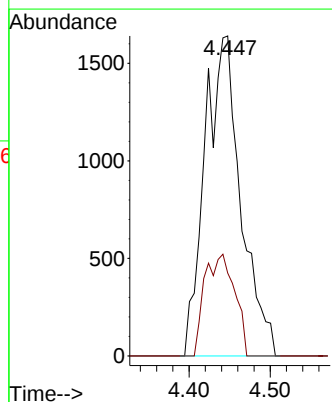
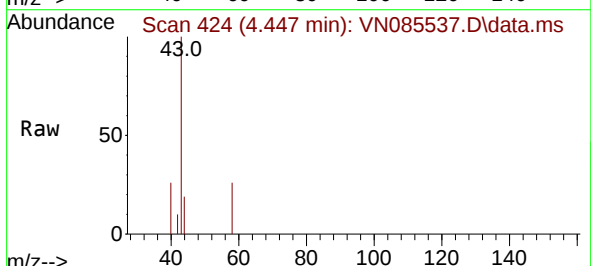
Instrument :
MSVOA_N
ClientSampleId :

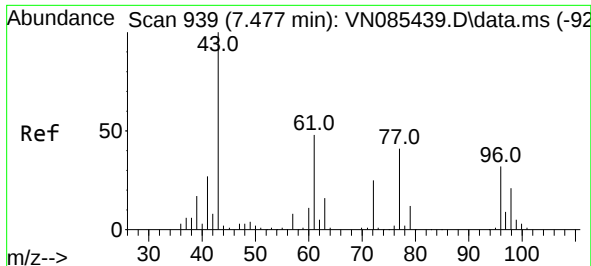
Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 71.3 71.8 107.6#



#16
Acetone
Concen: 6.296 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.029 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

Tgt Ion: 43 Resp: 5039
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.6

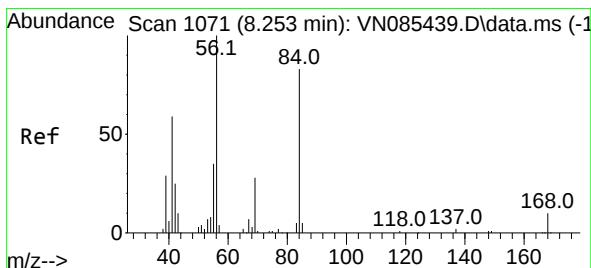
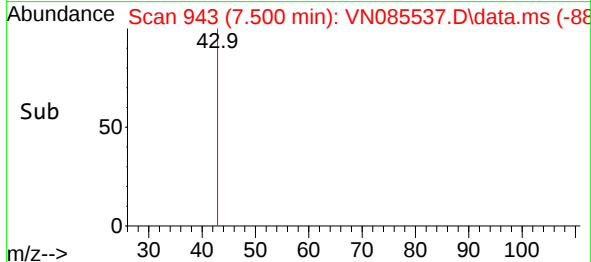
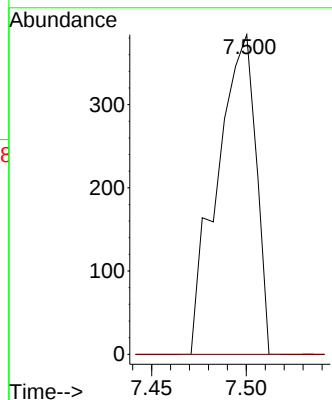
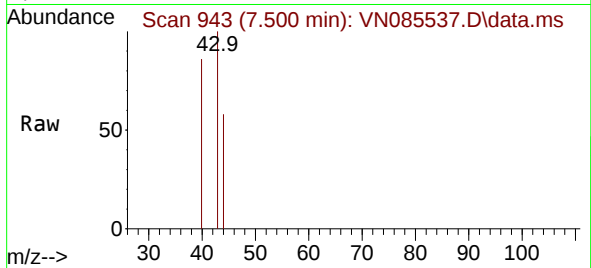




#25
2-Butanone
Concen: 0.464 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.024 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

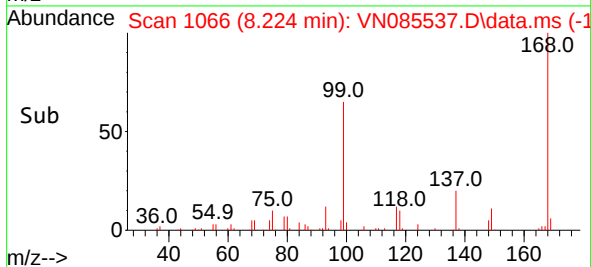
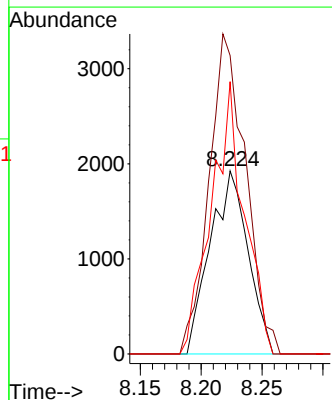
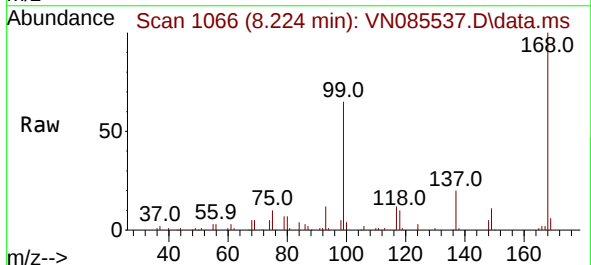
Instrument :
MSVOA_N
ClientSampleId :

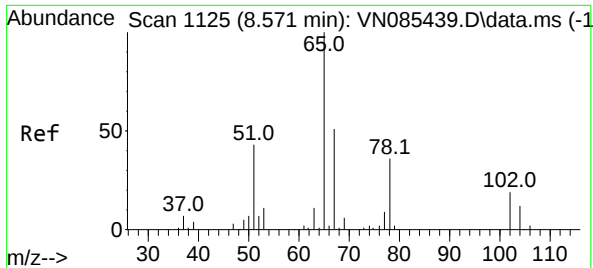
Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#



#31
Cyclohexane
Concen: 1.325 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

Tgt Ion: 56 Resp: 4165
Ion Ratio Lower Upper
56 100
69 163.0 22.2 33.4#
84 148.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.181 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085537.D

Acq: 28 Jan 2025 14:37

Instrument :

MSVOA_N

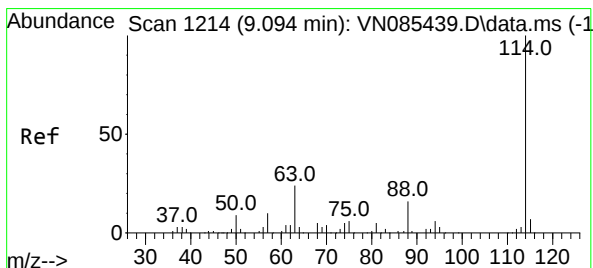
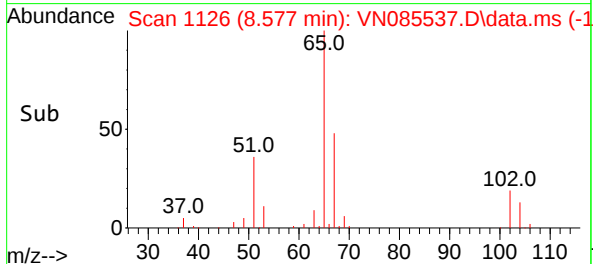
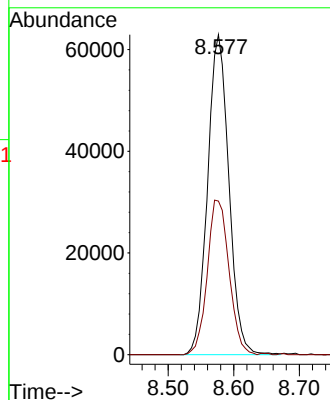
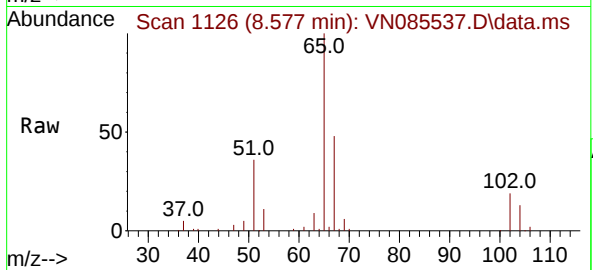
ClientSampleId :

Tgt Ion: 65 Resp: 141633

Ion Ratio Lower Upper

65 100

67 49.5 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: VN085537.D

Acq: 28 Jan 2025 14:37

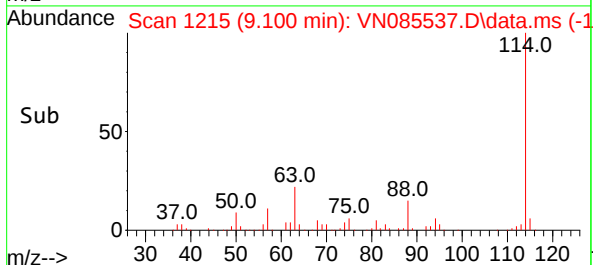
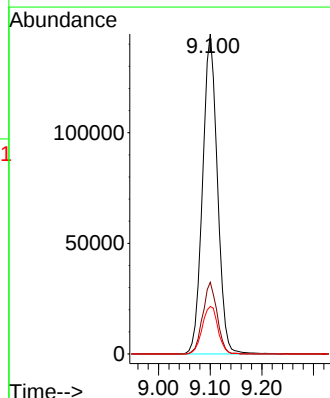
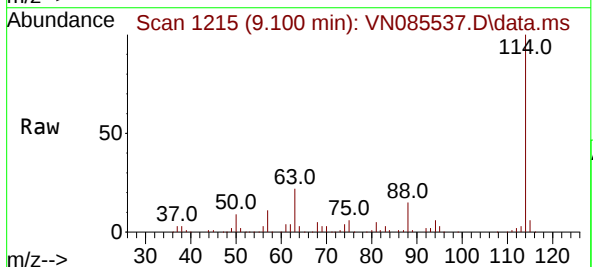
Tgt Ion: 114 Resp: 287847

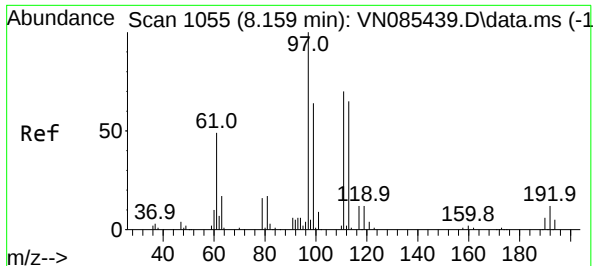
Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.6

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.582 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

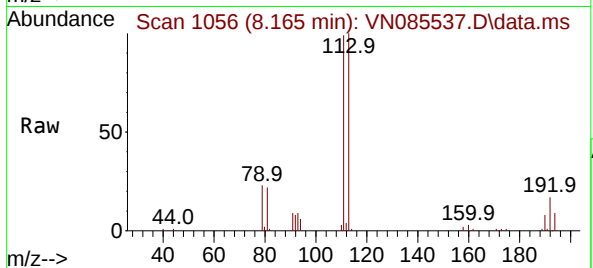
Lab File: VN085537.D

Acq: 28 Jan 2025 14:37

Instrument :

MSVOA_N

ClientSampleId :



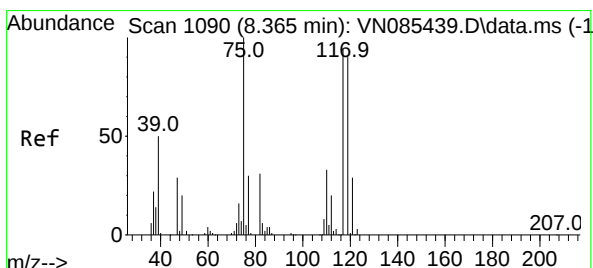
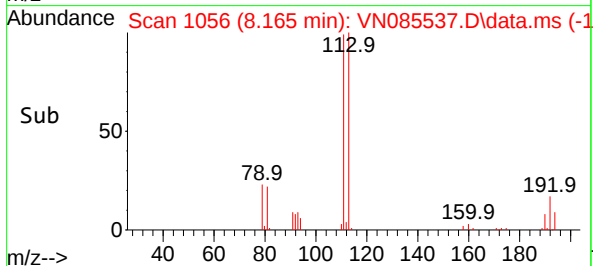
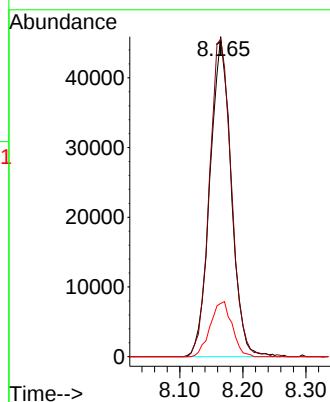
Tgt Ion:113 Resp: 107001

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 17.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.153 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085537.D

Acq: 28 Jan 2025 14:37

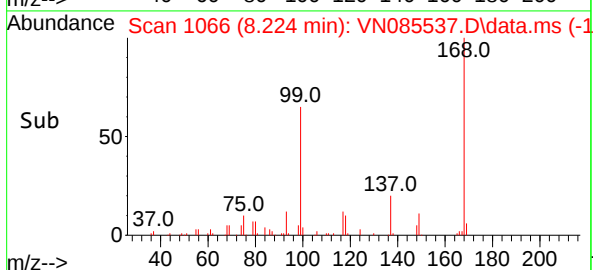
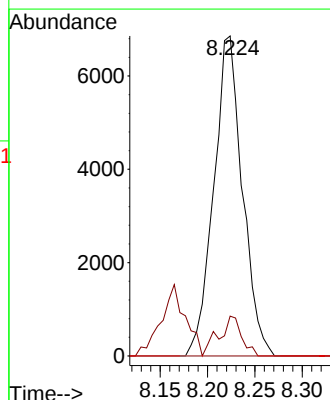
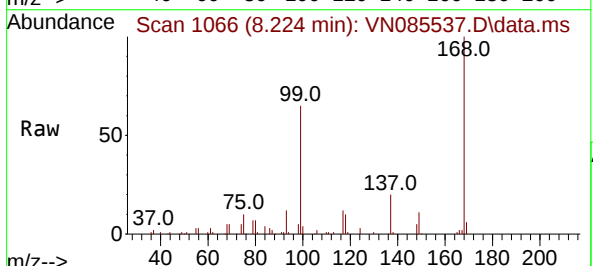
Tgt Ion: 75 Resp: 14442

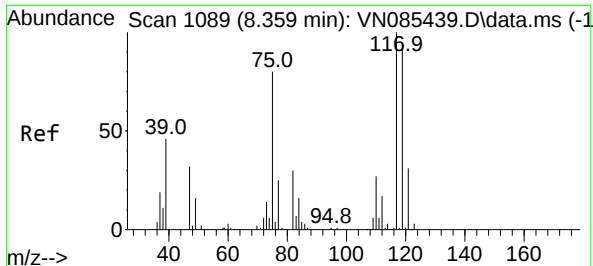
Ion Ratio Lower Upper

75 100

110 9.8 16.5 49.5#

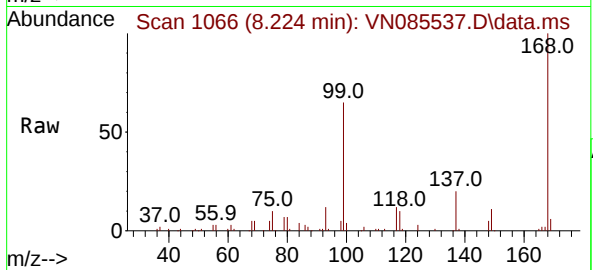
77 0.0 24.4 36.6#



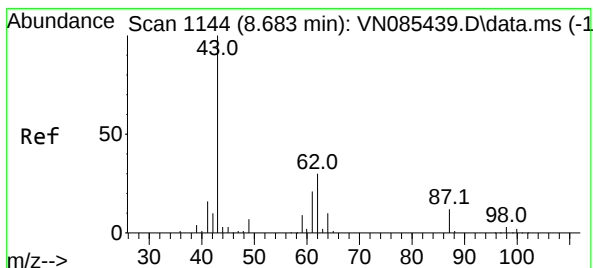
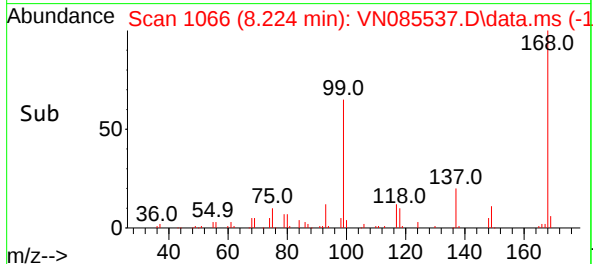
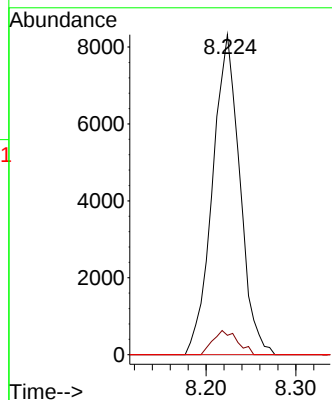


#38
Carbon Tetrachloride
Concen: 5.475 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :

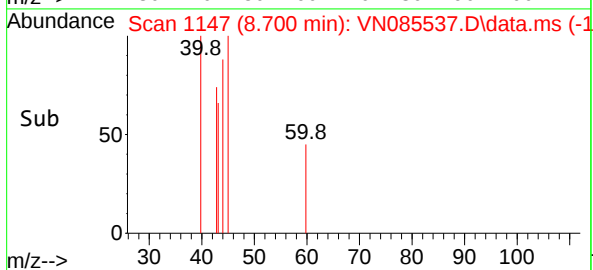
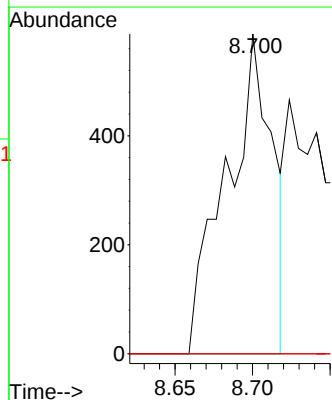
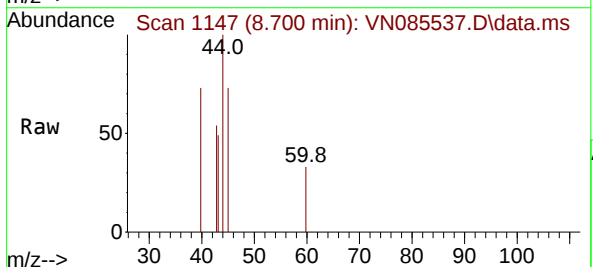


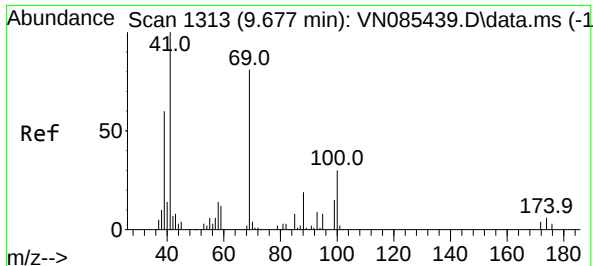
Tgt Ion:117 Resp: 17567
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.268 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.018 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#





#48

Methyl methacrylate

Concen: 0.470 ug/l

RT: 9.653 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN085537.D

Acq: 28 Jan 2025 14:37

Instrument :

MSVOA_N

ClientSampleId :

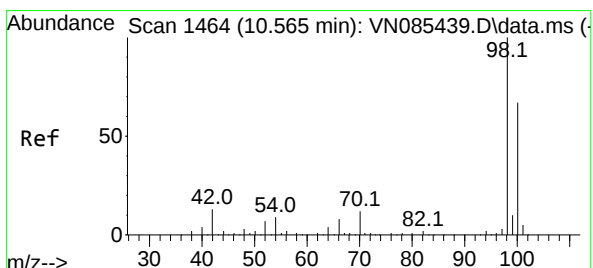
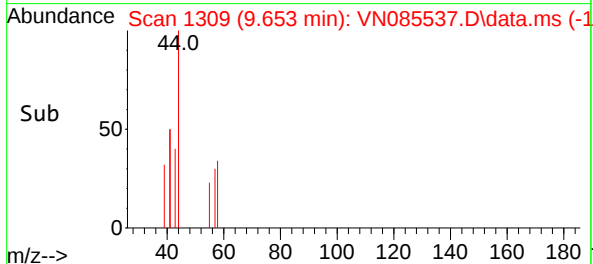
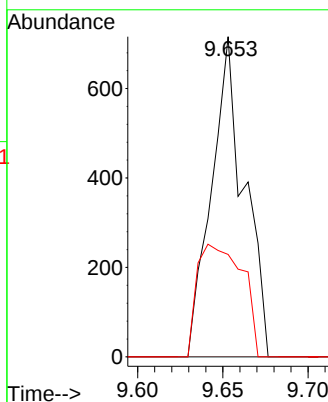
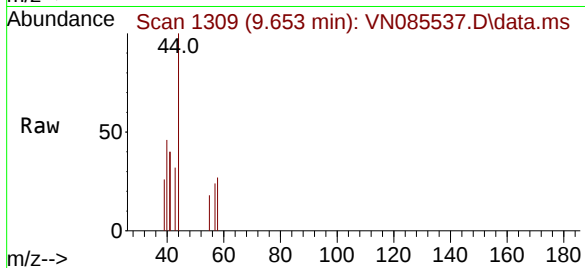
Tgt Ion: 41 Resp: 959

Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

39 48.4 49.0 73.6#



#50

Toluene-d8

Concen: 48.827 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085537.D

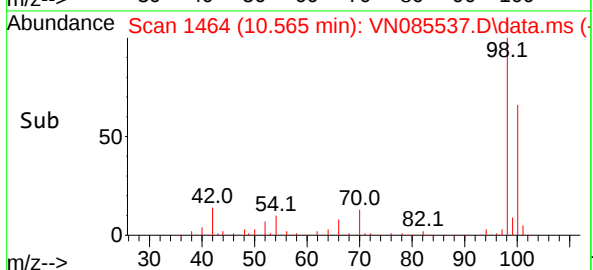
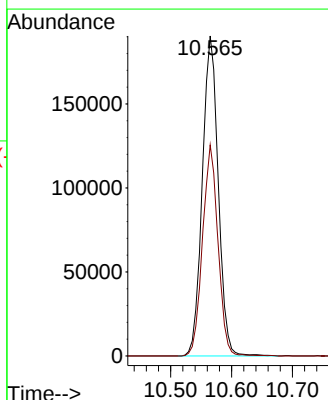
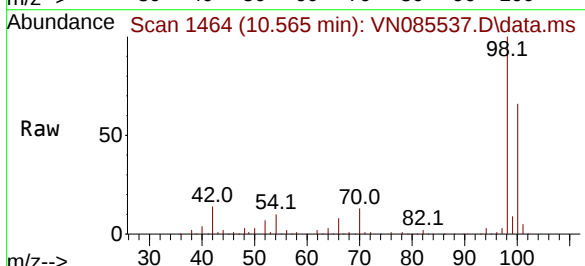
Acq: 28 Jan 2025 14:37

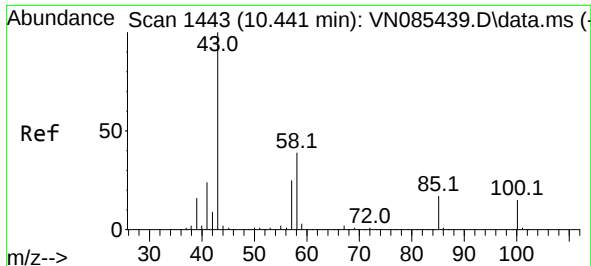
Tgt Ion: 98 Resp: 346432

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.657 ug/l

RT: 10.565 min Scan# 1443

Delta R.T. 0.124 min

Lab File: VN085537.D

Acq: 28 Jan 2025 14:37

Instrument :

MSVOA_N

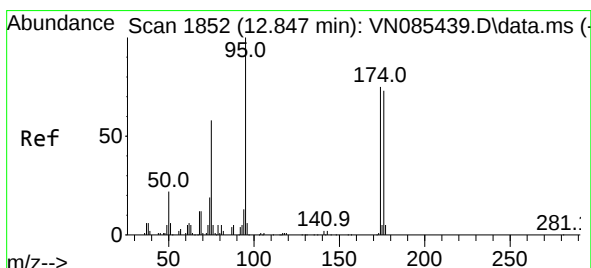
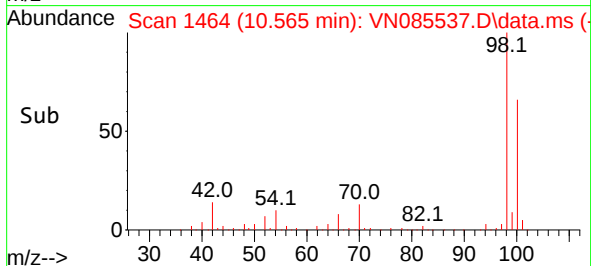
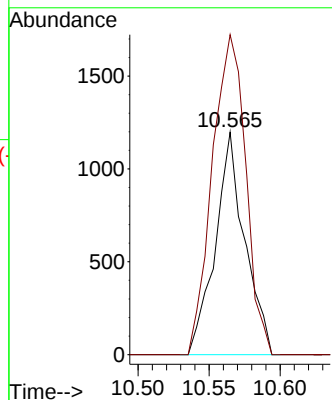
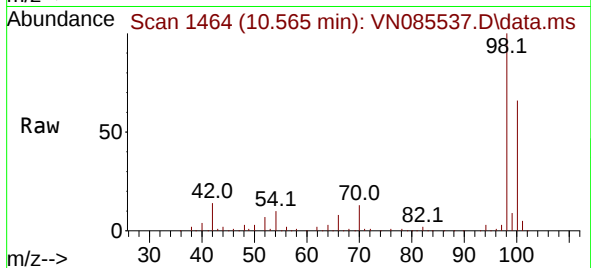
ClientSampleId :

Tgt Ion: 43 Resp: 1728

Ion Ratio Lower Upper

43 100

58 163.6 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 43.535 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085537.D

Acq: 28 Jan 2025 14:37

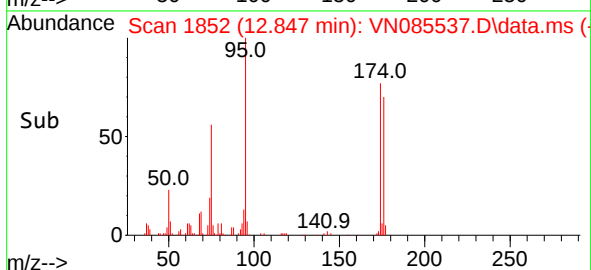
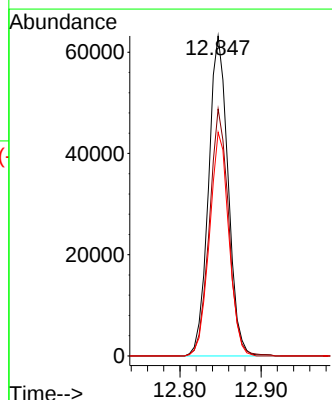
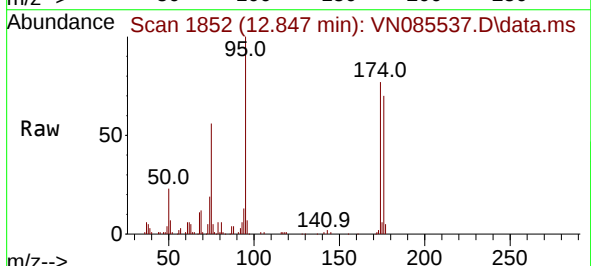
Tgt Ion: 95 Resp: 105662

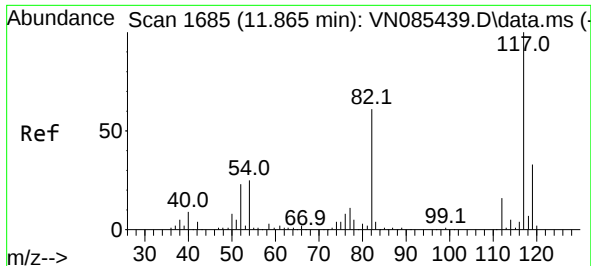
Ion Ratio Lower Upper

95 100

174 76.3 0.0 145.0

176 69.3 0.0 142.4

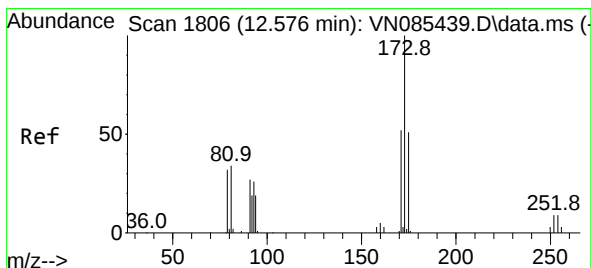
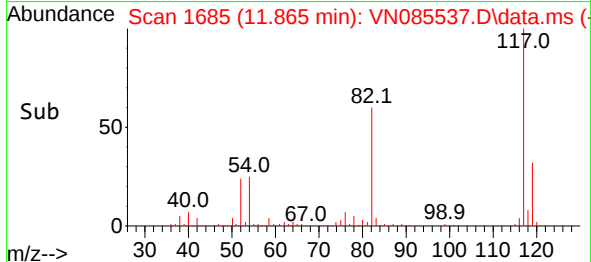
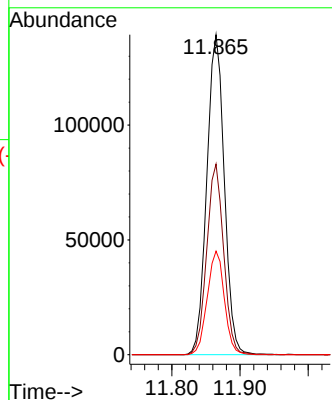
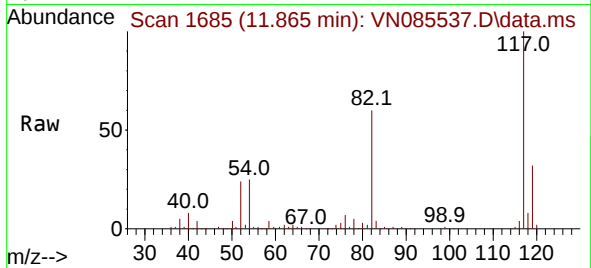




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

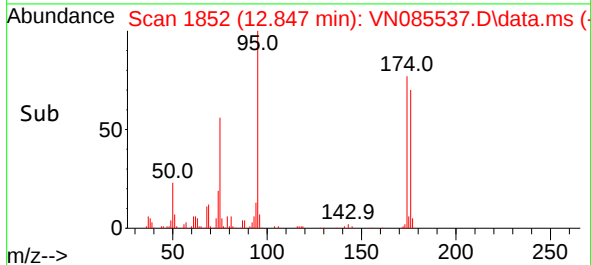
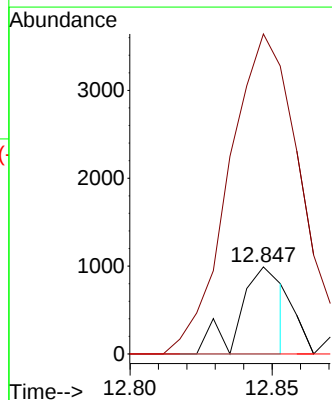
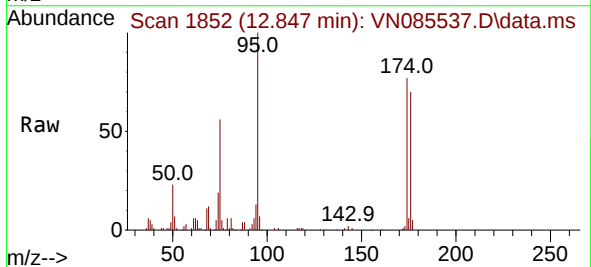
Instrument :
MSVOA_N
ClientSampleId :

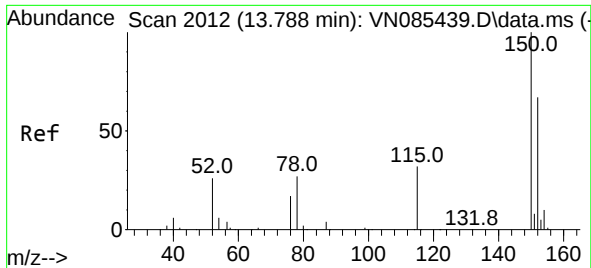
Tgt Ion:117 Resp: 248805
Ion Ratio Lower Upper
117 100
82 59.5 48.6 72.8
119 32.3 26.6 39.8



#71
Bromoform
Concen: 0.724 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

Tgt Ion:173 Resp: 1037
Ion Ratio Lower Upper
173 100
175 469.8 24.4 73.2#
254 0.0 0.0 0.0

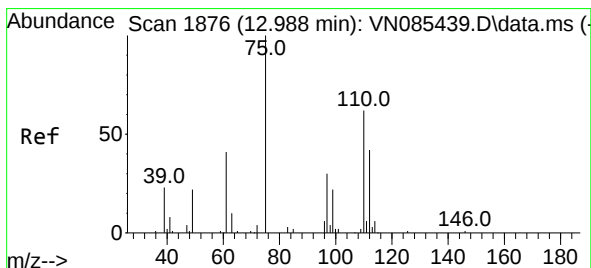
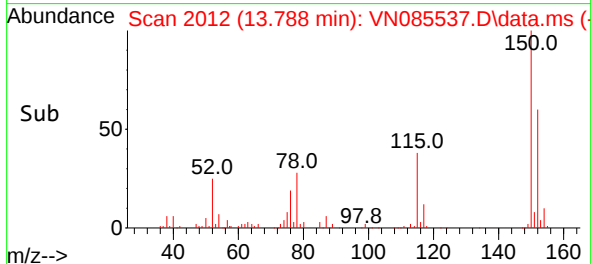
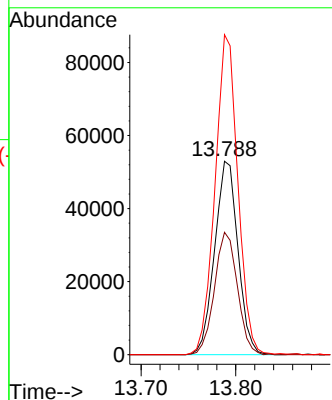
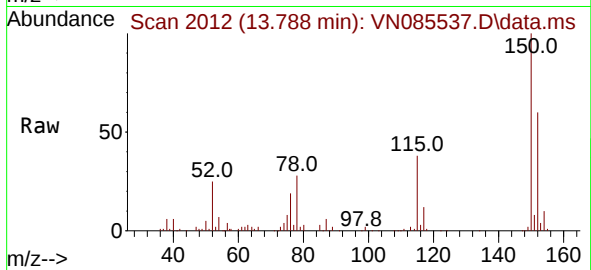




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

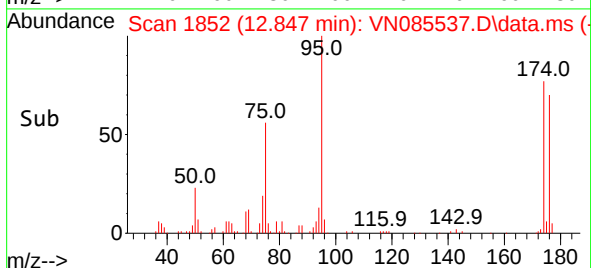
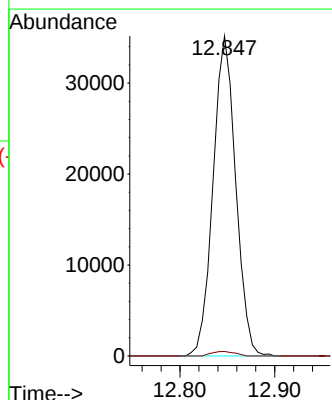
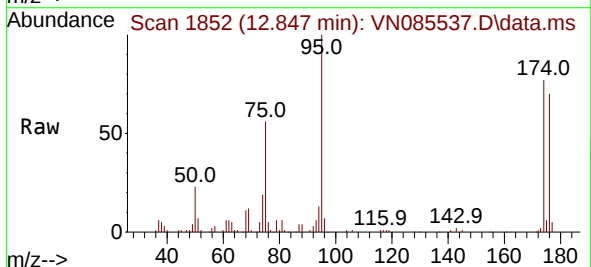
Instrument :
MSVOA_N
ClientSampleId :

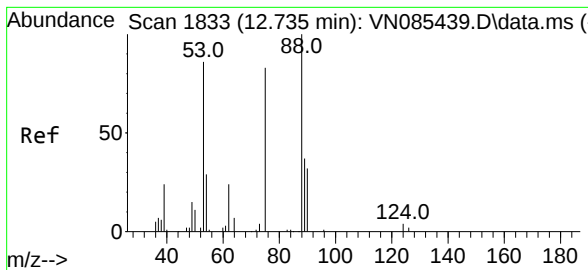
Tgt Ion:152 Resp: 90634
Ion Ratio Lower Upper
152 100
115 62.2 31.1 93.3
150 161.9 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 31.716 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

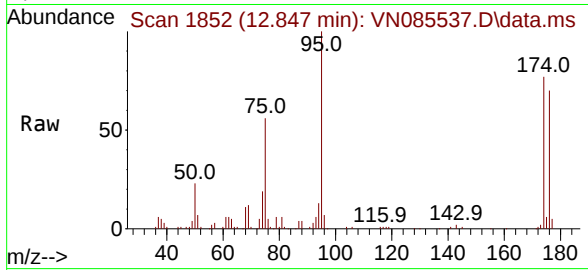
Tgt Ion: 75 Resp: 58426
Ion Ratio Lower Upper
75 100
77 1.4 109.7 329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.810 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085537.D
Acq: 28 Jan 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 58426
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#

