

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085482.D
 Acq On : 17 Jan 2025 10:16
 Operator : JC\MD
 Sample : VN0117WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01

Quant Time: Jan 22 01:30:44 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)

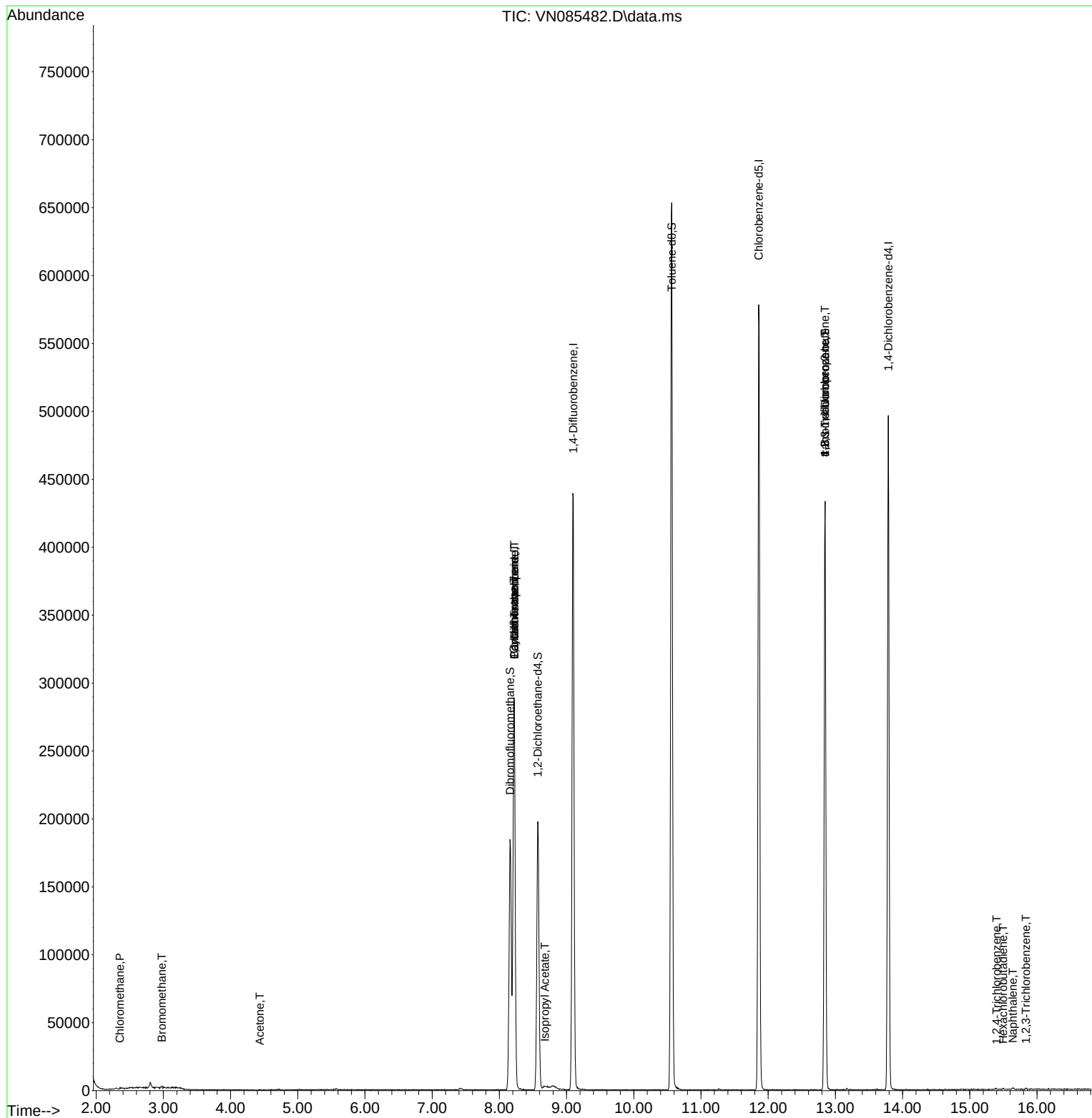
Internal Standards						
1) Pentafluorobenzene	8.224	168	196554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	314818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	168136	52.993	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.980%		
35) Dibromofluoromethane	8.159	113	128534	51.696	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.400%		
50) Toluene-d8	10.565	98	442327	50.071	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.140%		
62) 4-Bromofluorobenzene	12.847	95	142880	47.282	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.560%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	625	0.217	ug/l	93
5) Bromomethane	2.977	94	773	0.442	ug/l	93
16) Acetone	4.436	43	249	0.243	ug/l #	45
31) Cyclohexane	8.218	56	5412	1.344	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	18584	5.326	ug/l #	44
38) Carbon Tetrachloride	8.224	117	22948	5.744	ug/l #	17
43) Isopropyl Acetate	8.677	43	1641	0.291	ug/l #	55
76) 1,2,3-Trichloropropane	12.847	75	80875	31.820	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80875	86.090	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.400	180	483	0.257	ug/l #	70
94) Hexachlorobutadiene	15.494	225	231	0.231	ug/l #	43
95) Naphthalene	15.641	128	1876	0.334	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.835	180	623	0.327	ug/l #	64

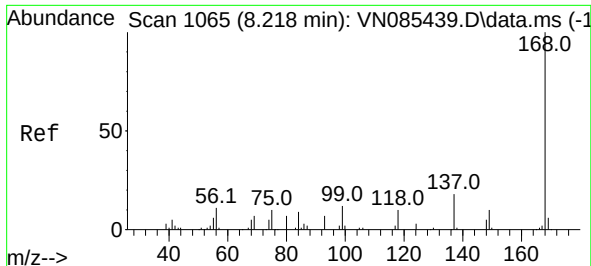
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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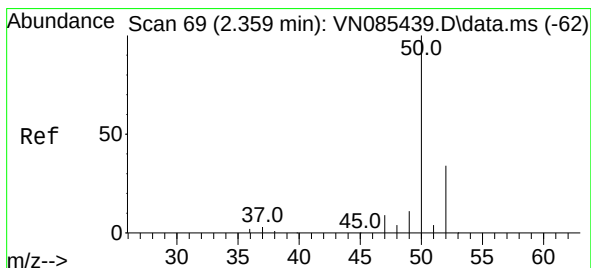
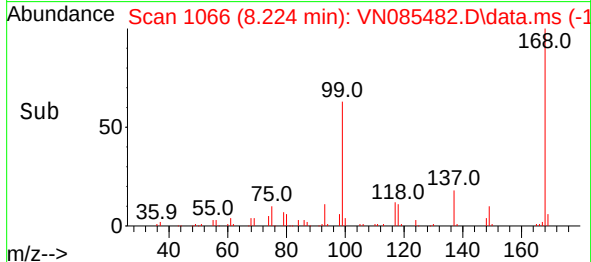
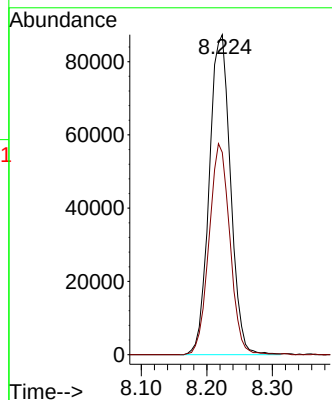
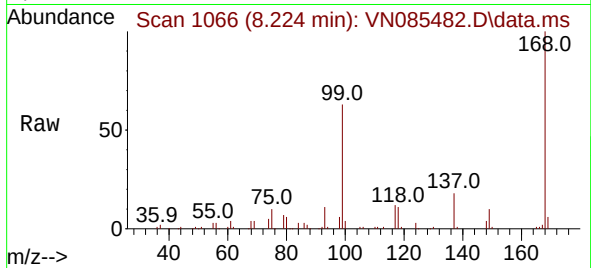




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

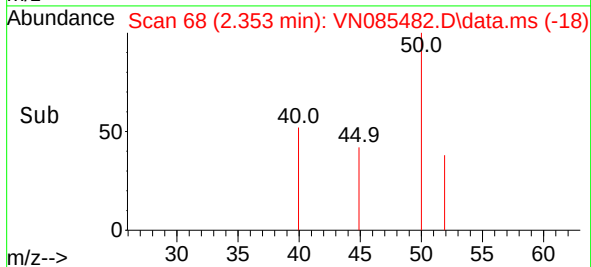
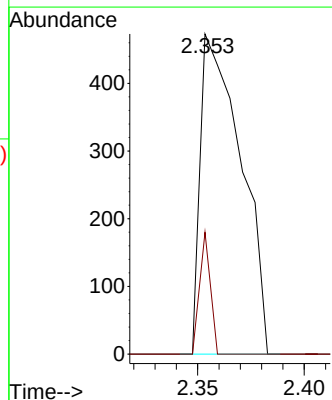
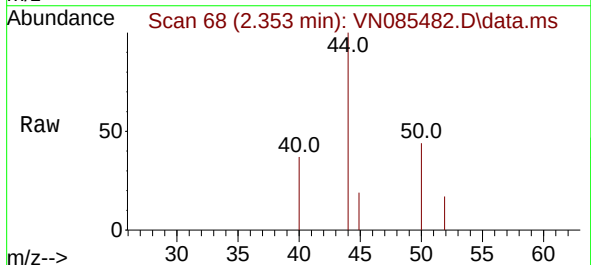
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

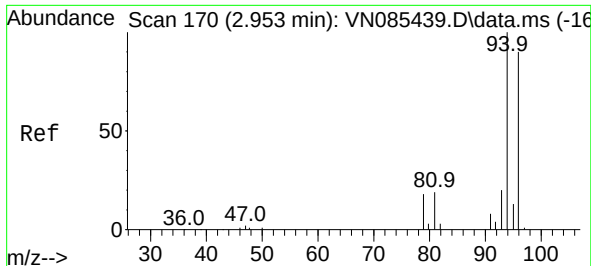
Tgt Ion:168 Resp: 196554
Ion Ratio Lower Upper
168 100
99 63.2 53.6 80.4



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

Tgt Ion: 50 Resp: 625
Ion Ratio Lower Upper
50 100
52 38.1 27.0 40.6

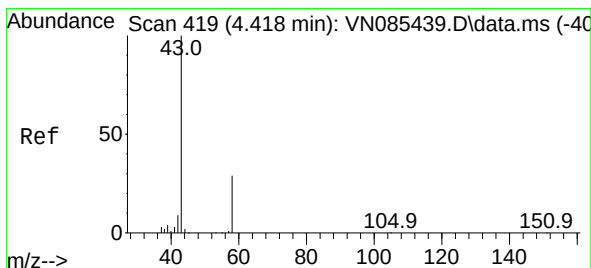
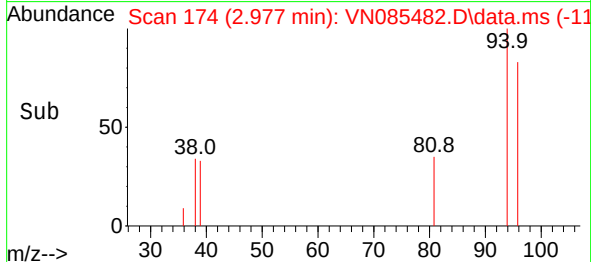
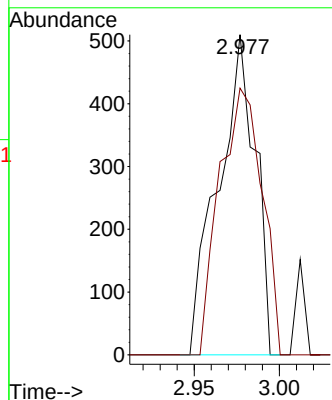
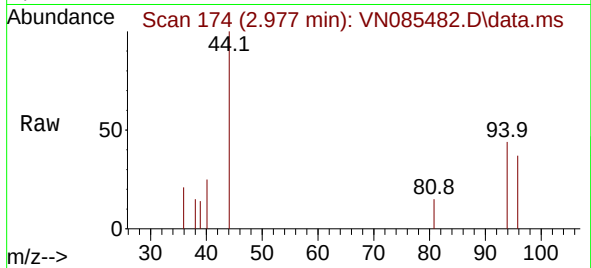




#5
Bromomethane
Concen: 0.442 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

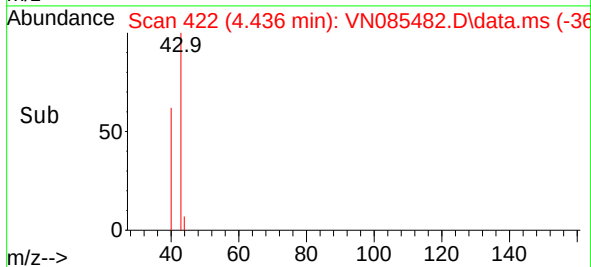
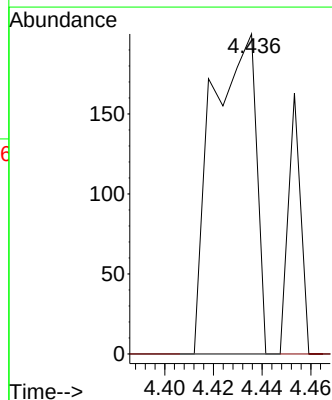
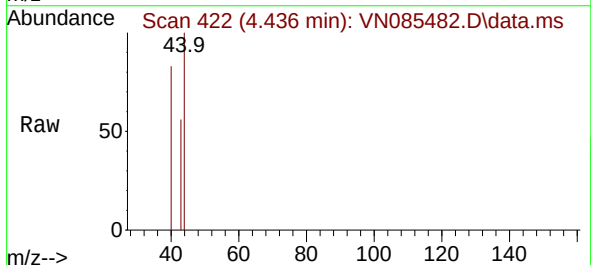
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

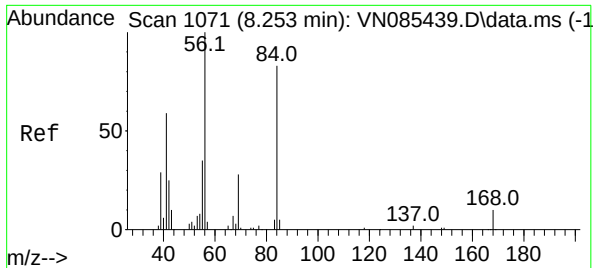
Tgt Ion: 94 Resp: 773
Ion Ratio Lower Upper
94 100
96 83.3 71.8 107.6



#16
Acetone
Concen: 0.243 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

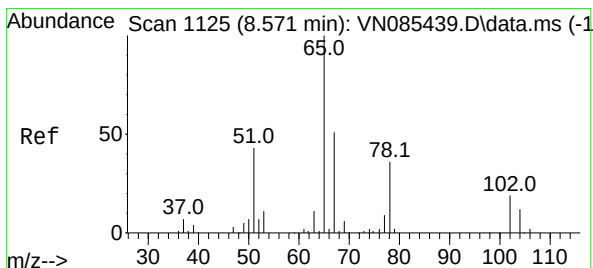
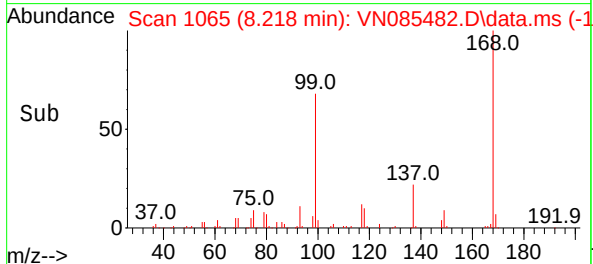
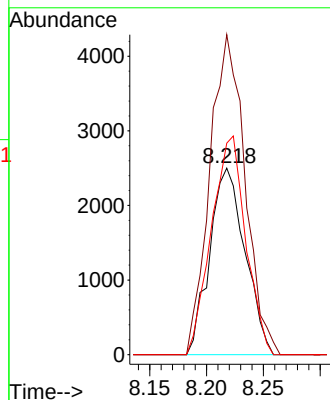
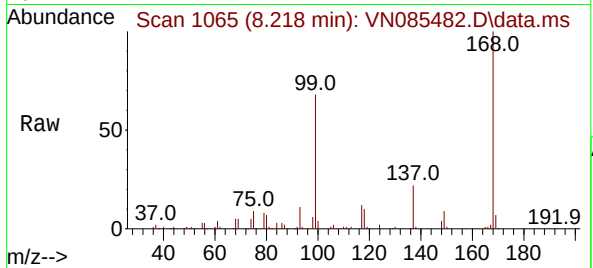




#31
Cyclohexane
Concen: 1.344 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

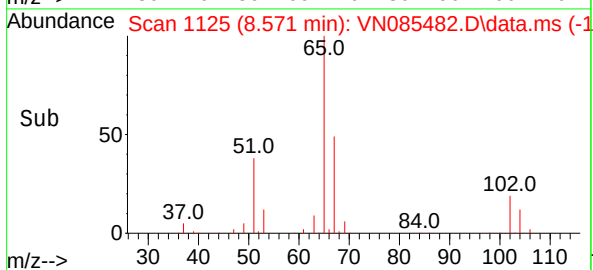
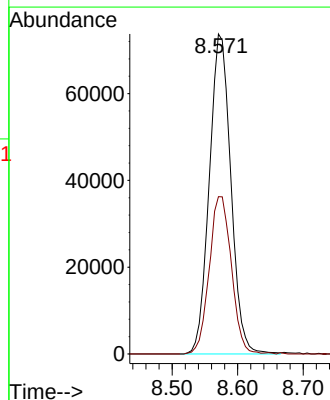
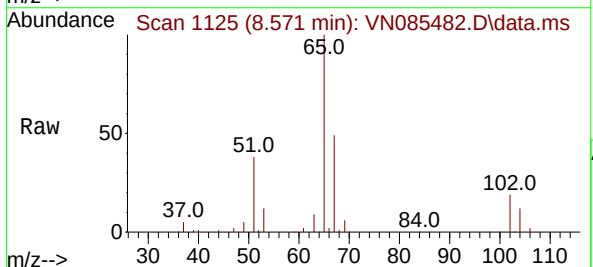
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

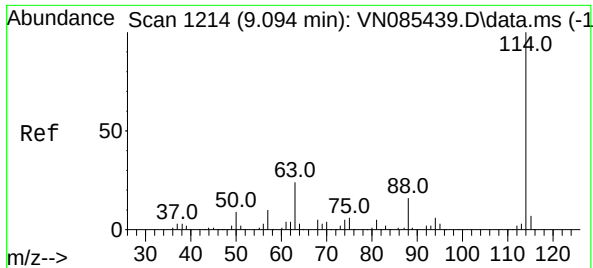
Tgt Ion: 56 Resp: 5412
Ion Ratio Lower Upper
56 100
69 161.6 22.2 33.4#
84 106.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 52.993 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

Tgt Ion: 65 Resp: 168136
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VN085482.D

Acq: 17 Jan 2025 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBL01

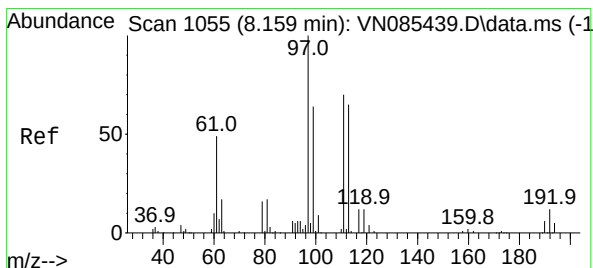
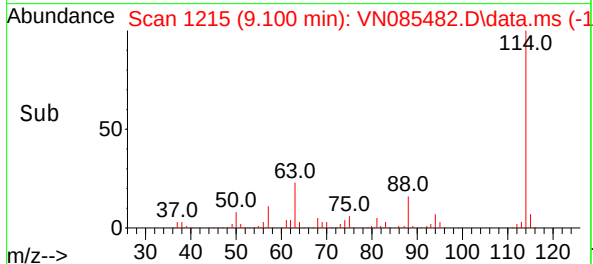
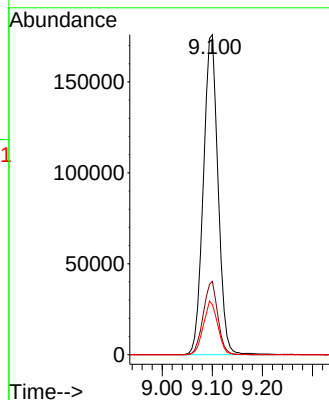
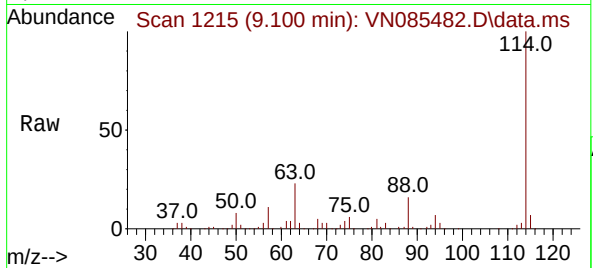
Tgt Ion:114 Resp: 358389

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.696 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085482.D

Acq: 17 Jan 2025 10:16

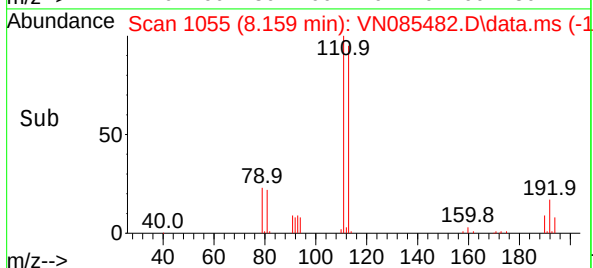
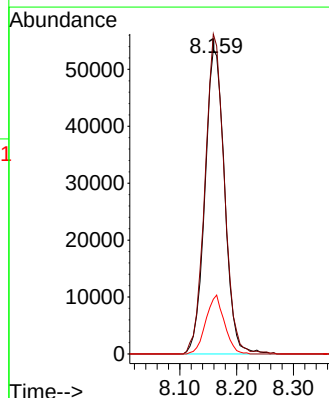
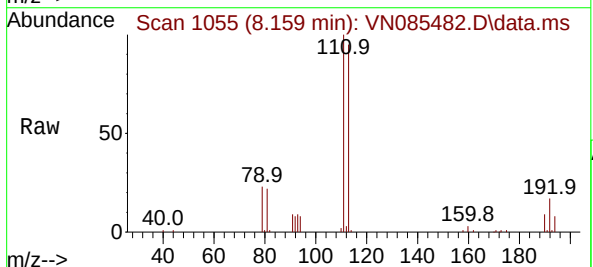
Tgt Ion:113 Resp: 128534

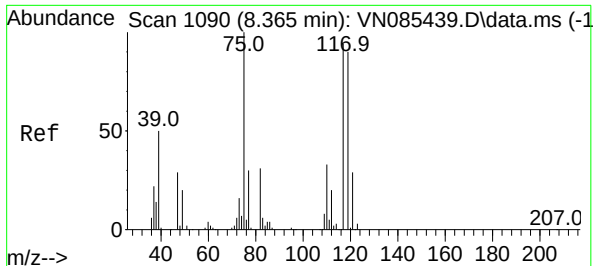
Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 18.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.326 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085482.D

Acq: 17 Jan 2025 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBL01

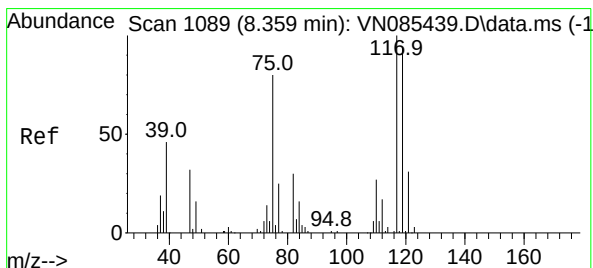
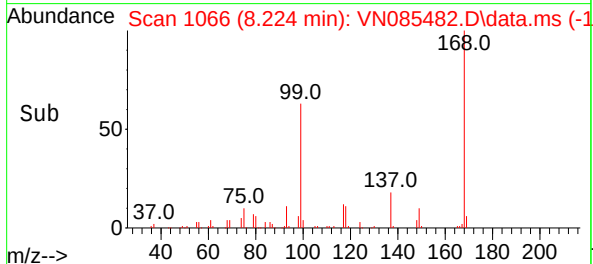
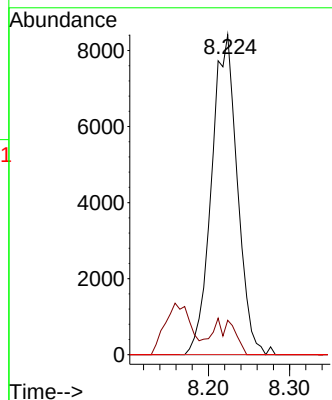
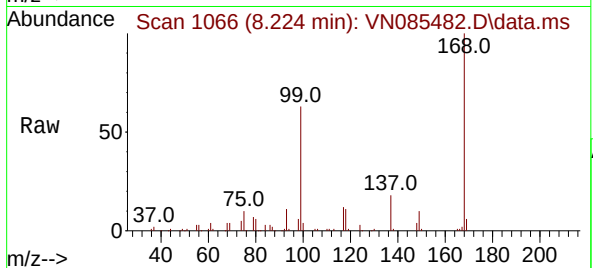
Tgt Ion: 75 Resp: 18584

Ion Ratio Lower Upper

75 100

110 1.7 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.744 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085482.D

Acq: 17 Jan 2025 10:16

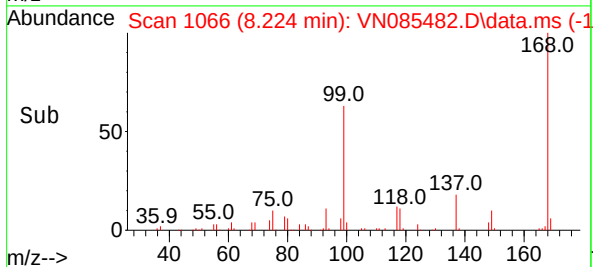
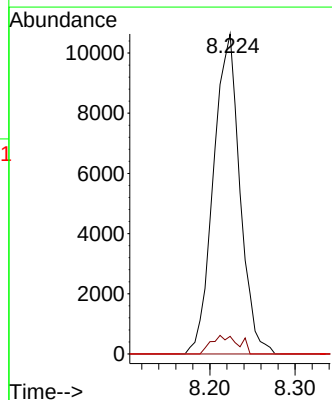
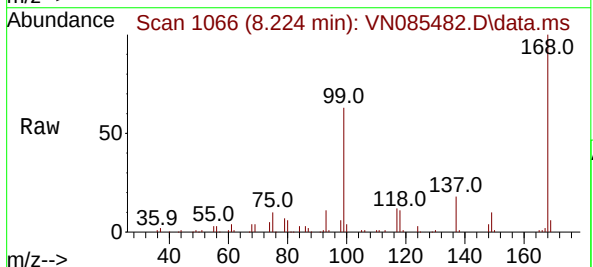
Tgt Ion: 117 Resp: 22948

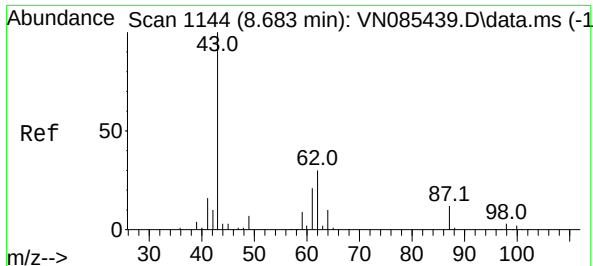
Ion Ratio Lower Upper

117 100

119 5.5 75.4 113.2#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.291 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VN085482.D

Acq: 17 Jan 2025 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBL01

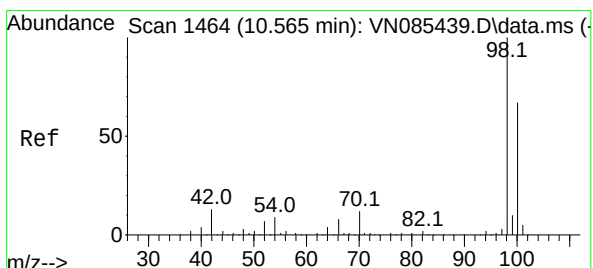
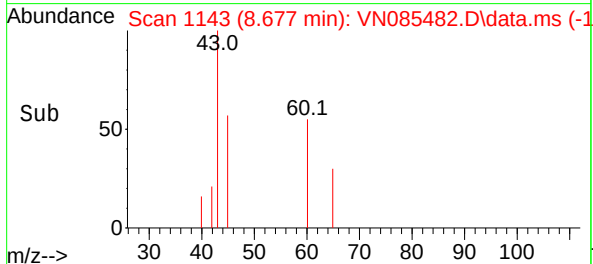
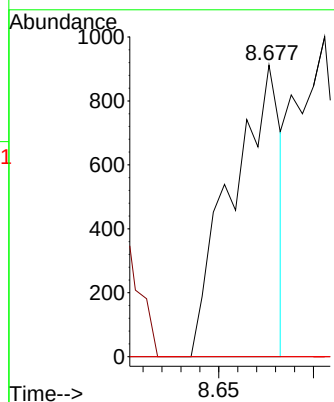
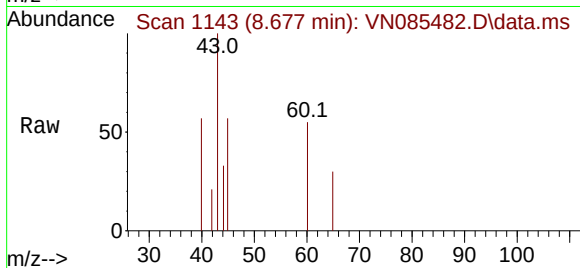
Tgt Ion: 43 Resp: 1641

Ion Ratio Lower Upper

43 100

61 0.0 20.7 31.1#

87 0.0 9.8 14.8#



#50

Toluene-d8

Concen: 50.071 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085482.D

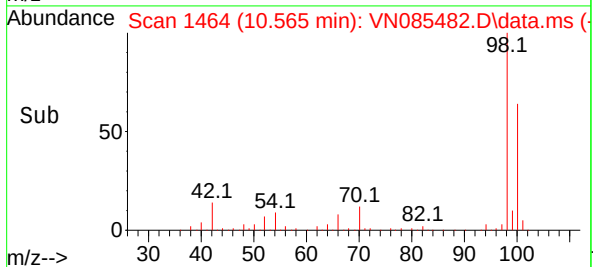
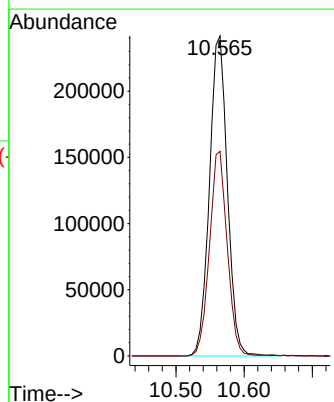
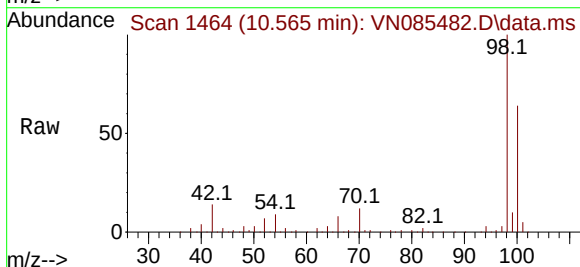
Acq: 17 Jan 2025 10:16

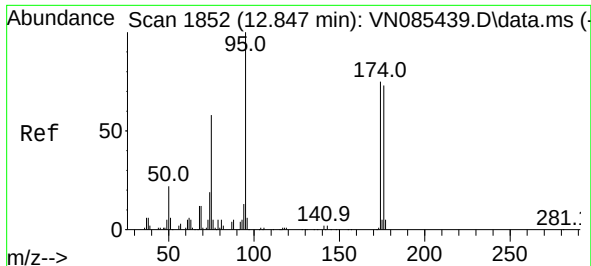
Tgt Ion: 98 Resp: 442327

Ion Ratio Lower Upper

98 100

100 63.3 52.2 78.4

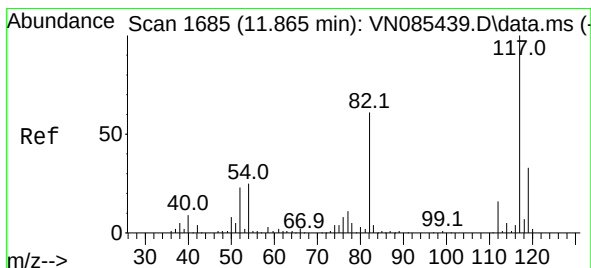
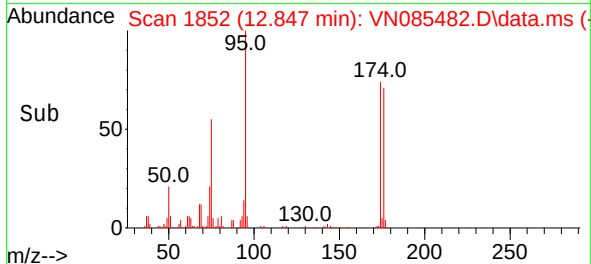
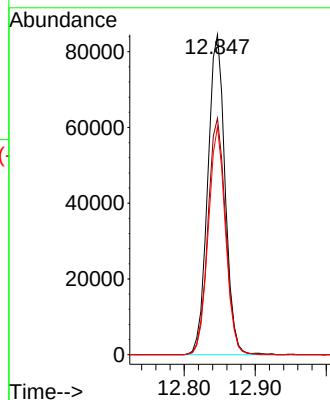
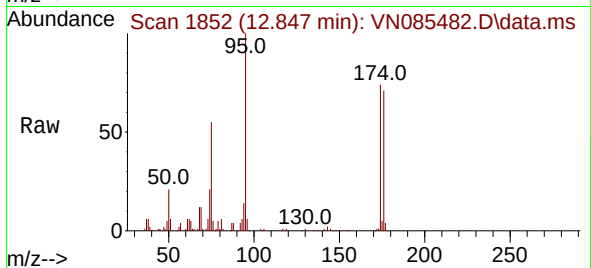




#62
4-Bromofluorobenzene
Concen: 47.282 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

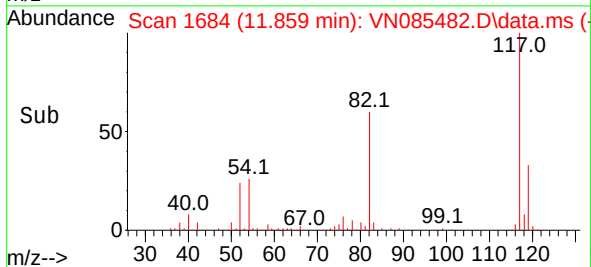
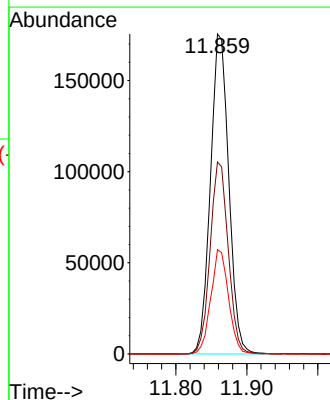
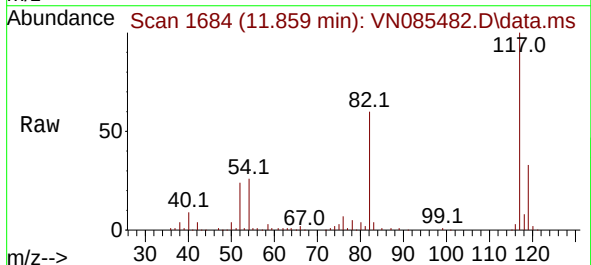
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

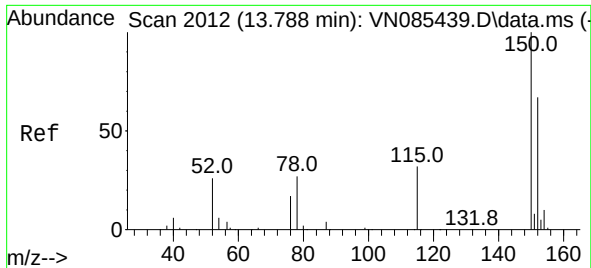
Tgt Ion: 95 Resp: 142880
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.0
176 70.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

Tgt Ion: 117 Resp: 314818
Ion Ratio Lower Upper
117 100
82 60.0 48.6 72.8
119 32.6 26.6 39.8

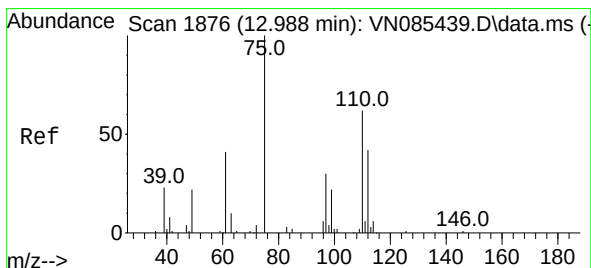
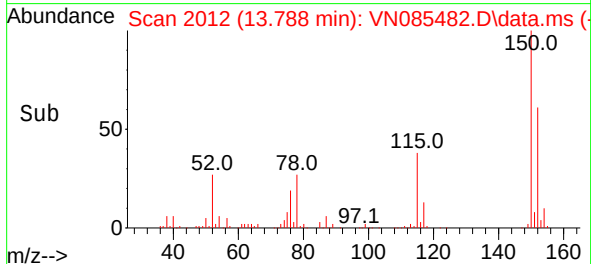
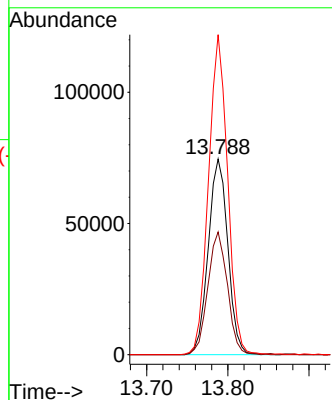
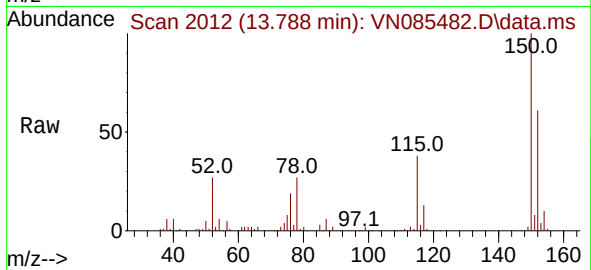




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085482.D
 Acq: 17 Jan 2025 10:16

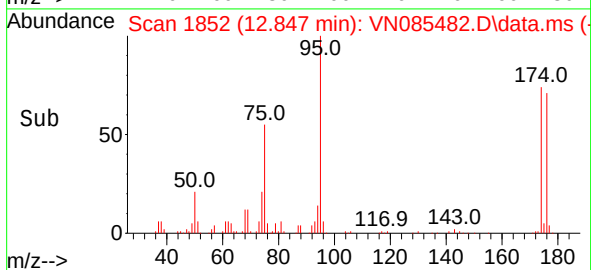
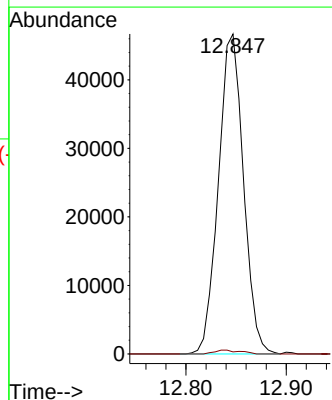
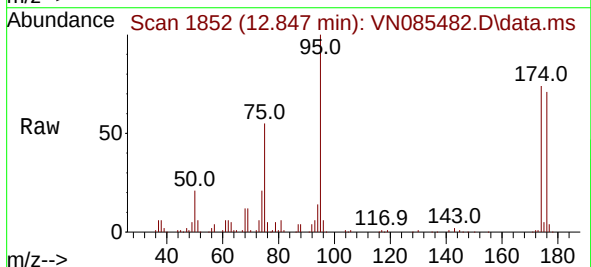
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01

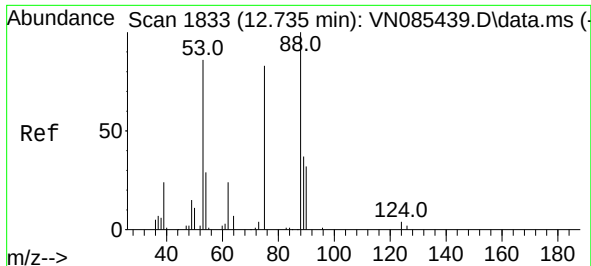
Tgt Ion:152 Resp: 125050
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.1 93.3
 150 159.4 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 31.820 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085482.D
 Acq: 17 Jan 2025 10:16

Tgt Ion: 75 Resp: 80875
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#

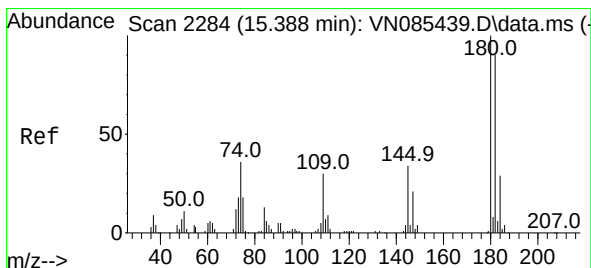
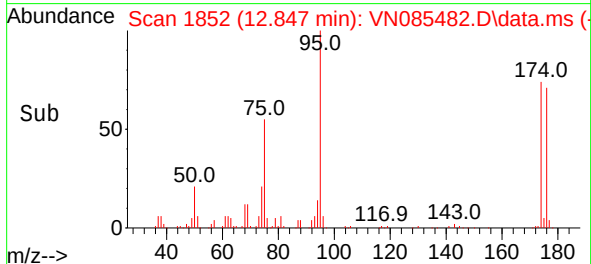
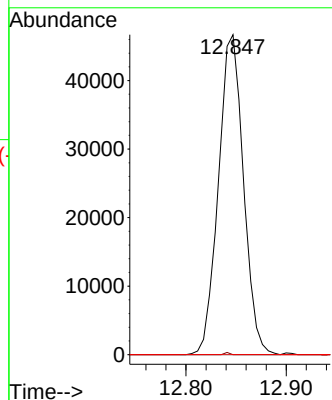
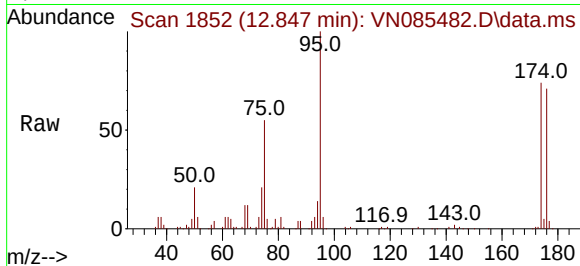




#81
trans-1,4-Dichloro-2-butene
Concen: 86.090 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

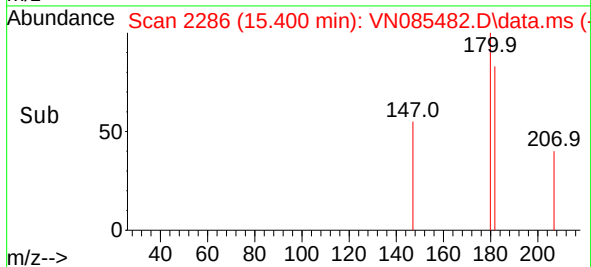
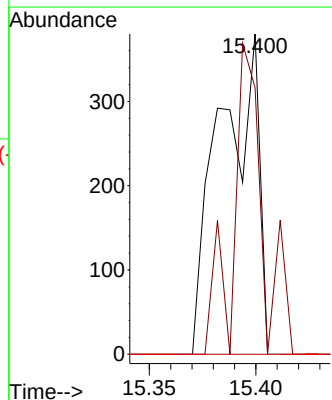
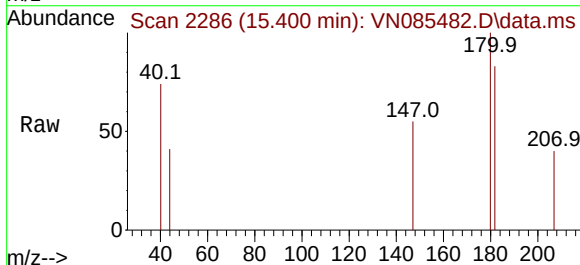
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

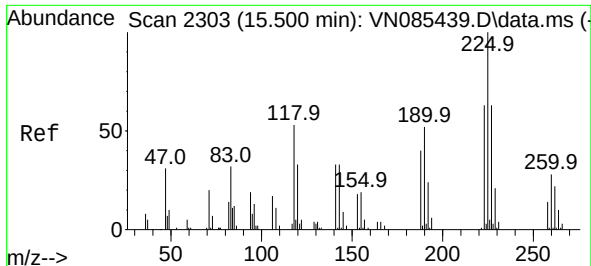
Tgt Ion: 75 Resp: 80875
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.257 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.012 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

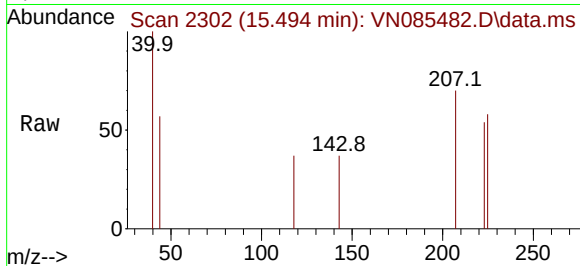
Tgt Ion:180 Resp: 483
Ion Ratio Lower Upper
180 100
182 73.3 46.8 140.3
145 0.0 16.0 48.0#



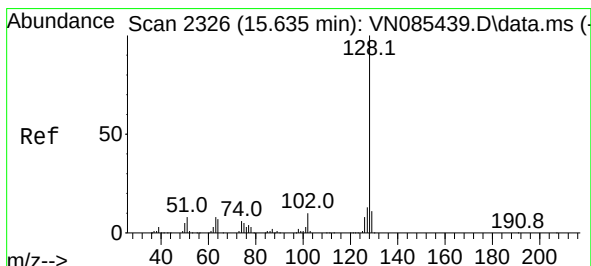
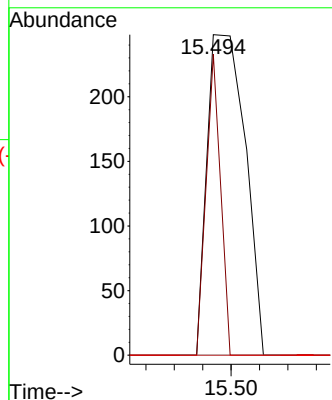
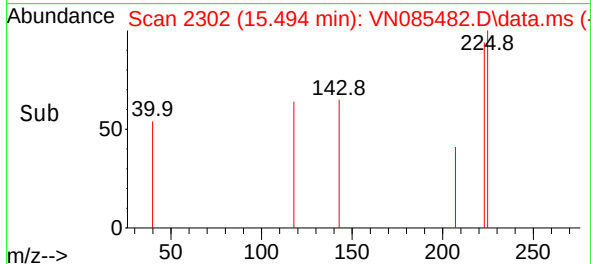


#94
Hexachlorobutadiene
Concen: 0.231 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

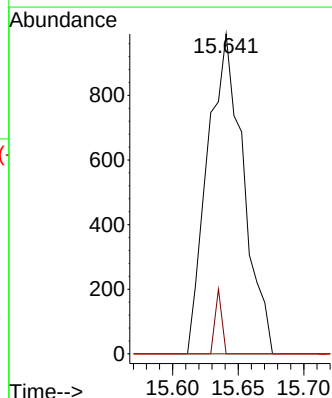
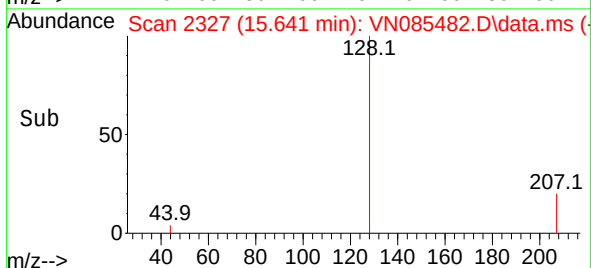
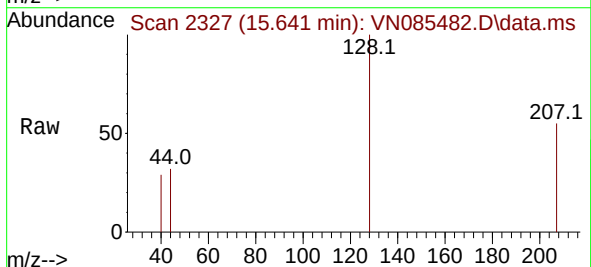


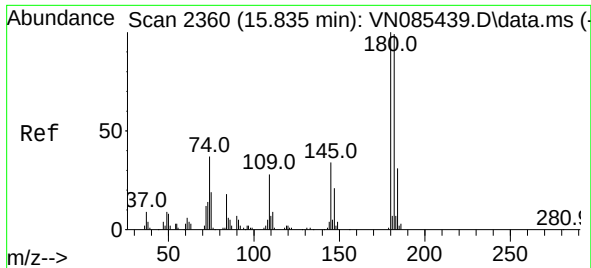
Tgt Ion:225 Resp: 231
Ion Ratio Lower Upper
225 100
223 35.5 30.7 92.1
227 0.0 30.9 92.5#



#95
Naphthalene
Concen: 0.334 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085482.D
Acq: 17 Jan 2025 10:16

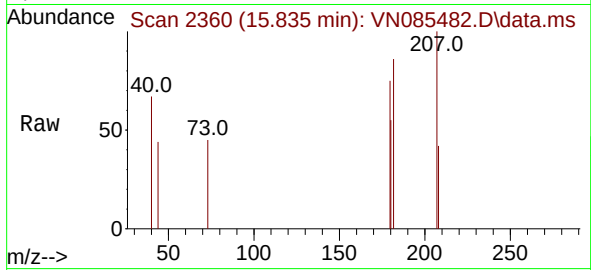
Tgt Ion:128 Resp: 1876
Ion Ratio Lower Upper
128 100
127 3.8 10.6 16.0#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.327 ug/l
 RT: 15.835 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: VN085482.D
 Acq: 17 Jan 2025 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01



Tgt Ion:180 Resp: 623
 Ion Ratio Lower Upper
 180 100
 182 67.9 47.4 142.2
 145 0.0 16.9 50.7#

