

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085534.D
 Acq On : 28 Jan 2025 13:24
 Operator : JC\MD
 Sample : Q1199-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-TB-20250123

Quant Time: Jan 29 00:38:28 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)

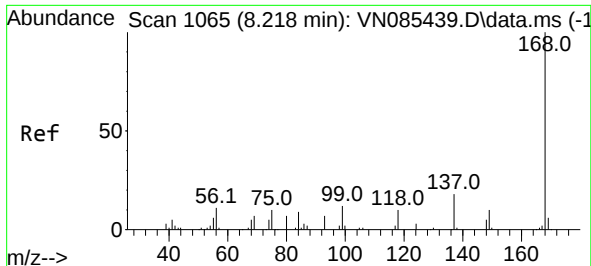
Internal Standards						
1) Pentafluorobenzene	8.224	168	179083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160235	55.430	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.860%	
35) Dibromofluoromethane	8.165	113	120678	52.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.280%	
50) Toluene-d8	10.565	98	407027	49.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	12.847	95	127940	45.481	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1399	0.533	ug/l	91
5) Bromomethane	2.971	94	552	0.346	ug/l #	58
16) Acetone	4.447	43	1245	1.333	ug/l #	45
31) Cyclohexane	8.224	56	5063	1.380	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17188	5.291	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19968	5.369	ug/l #	19
51) 4-Methyl-2-Pentanone	10.571	43	1925	0.631	ug/l #	1
71) Bromoform	12.841	173	767	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71798	31.092	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71798	84.121	ug/l #	3

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

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The chromatogram displays the Total Ion Chromatogram (TIC) for the sample VN085534.D\data.ms. The y-axis represents Abundance, ranging from 0 to 750,000. The x-axis represents Time in minutes, ranging from 2.00 to 16.00. The following table summarizes the identified peaks:

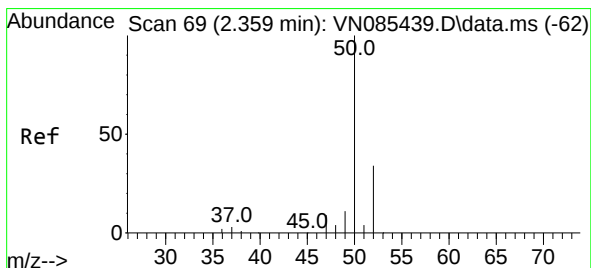
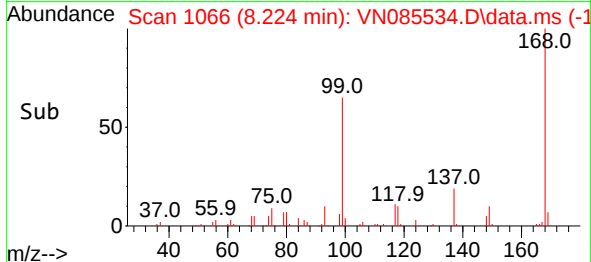
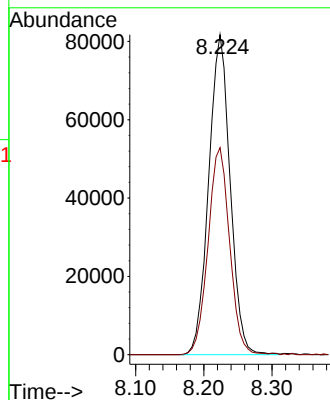
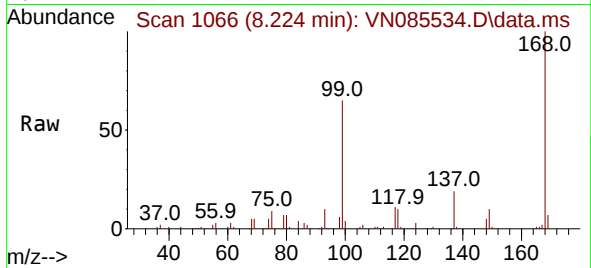
Retention Time (min)	Compound	Approximate Abundance
2.50	Chloromethane, P	100,000
3.00	Bromomethane, T	100,000
4.50	Acetone, T	100,000
8.20	Dibromodifluoromethane, T	200,000
8.50	1,2-Dichloroethane-d4, S	190,000
9.20	1,4-Difluorobenzene, I	410,000
10.70	1,2-Dichlorobenzene, T	570,000
11.90	Chlorobenzene-d5, I	550,000
12.90	Bromoform, P	360,000
13.90	1,4-Dichlorobenzene-d4, I	440,000



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

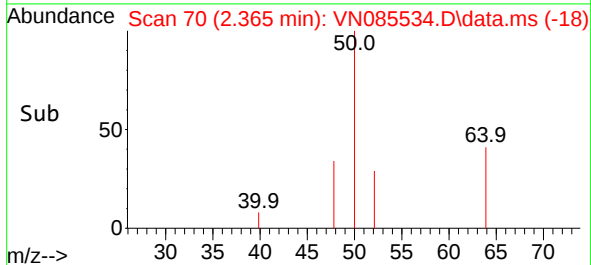
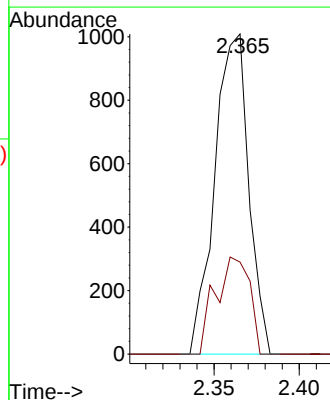
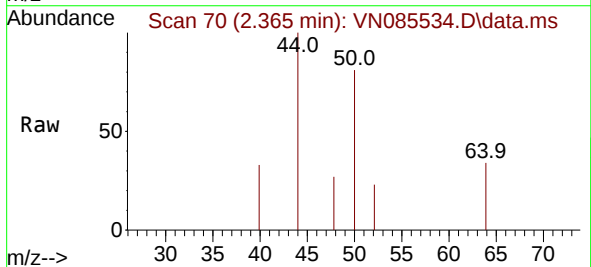
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250123

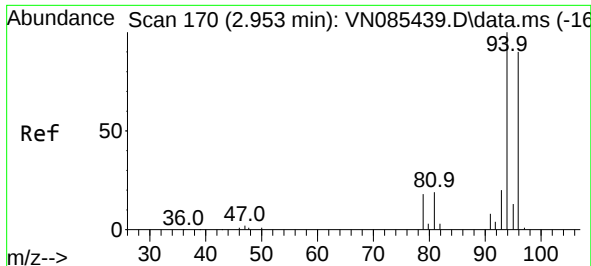
Tgt Ion:168 Resp: 179083
Ion Ratio Lower Upper
168 100
99 64.7 53.6 80.4



#3
Chloromethane
Concen: 0.533 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

Tgt Ion: 50 Resp: 1399
Ion Ratio Lower Upper
50 100
52 28.7 27.0 40.6

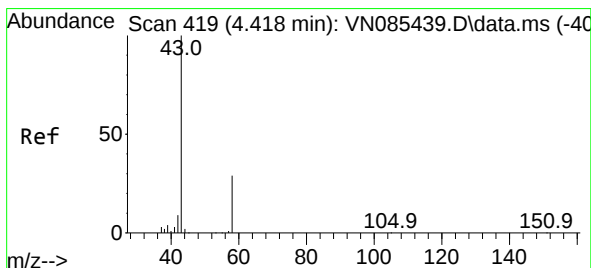
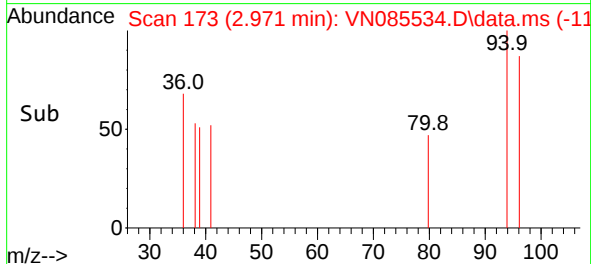
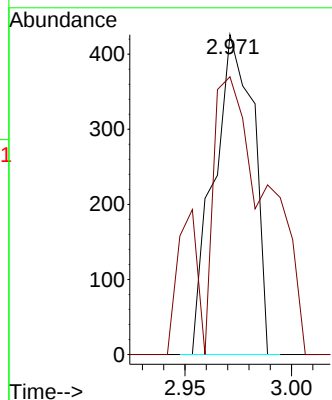
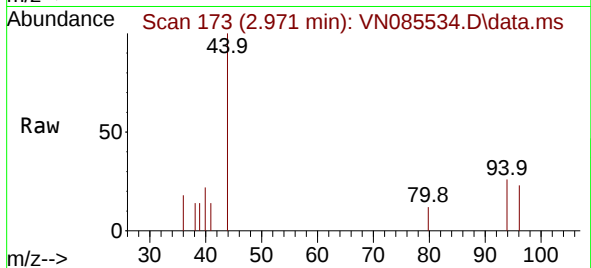




#5
Bromomethane
Concen: 0.346 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

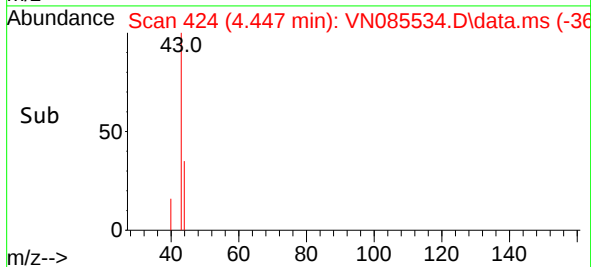
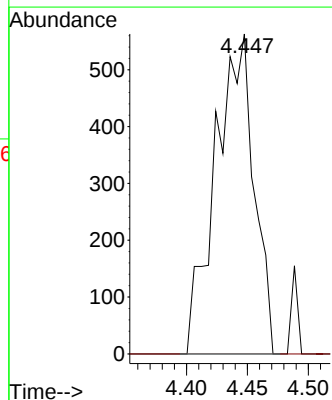
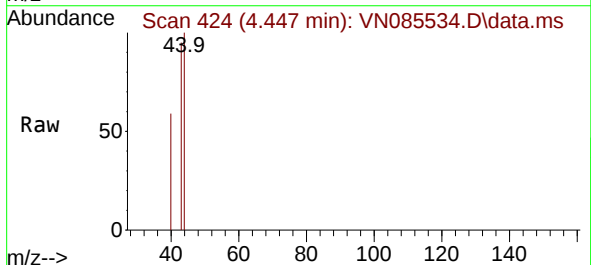
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250123

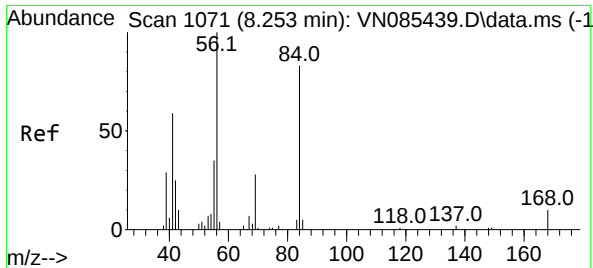
Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 49.8 71.8 107.6#



#16
Acetone
Concen: 1.333 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.029 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

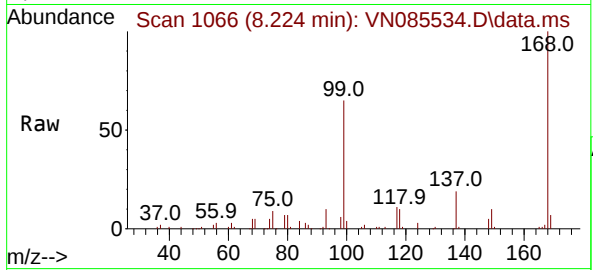
Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



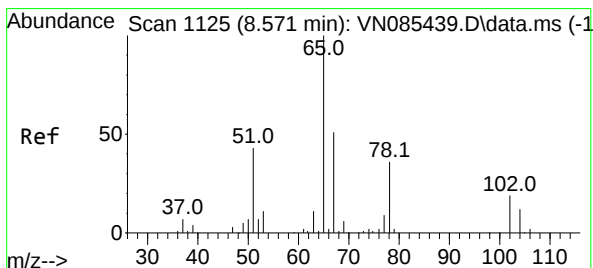
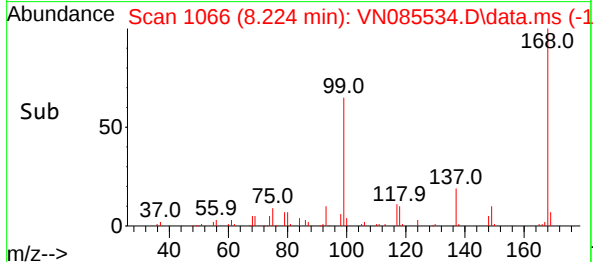
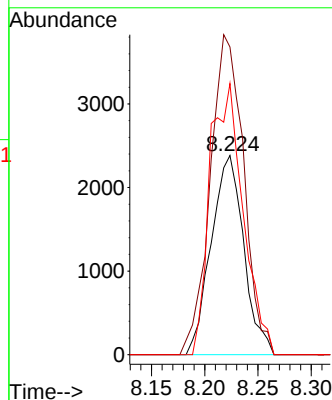


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250123

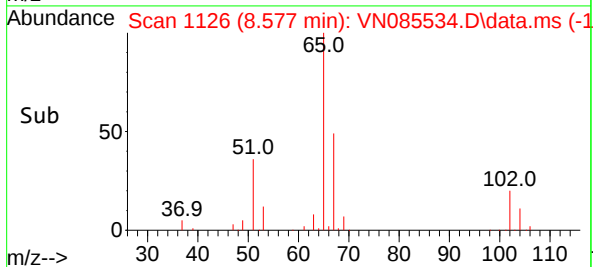
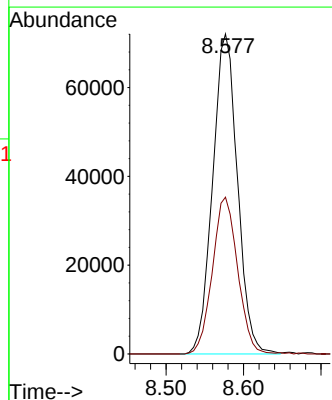
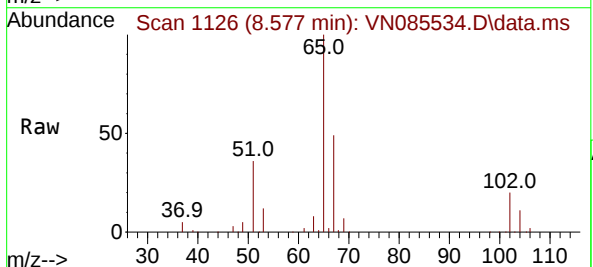


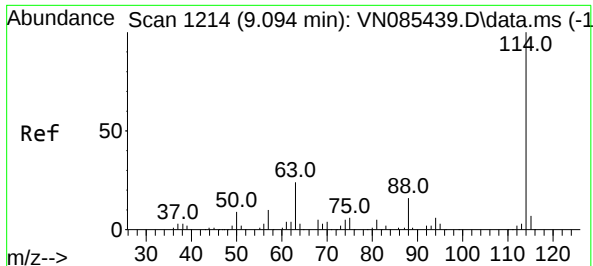
Tgt Ion: 56 Resp: 5063
Ion Ratio Lower Upper
56 100
69 154.5 22.2 33.4#
84 136.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.430 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

Tgt Ion: 65 Resp: 160235
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.6

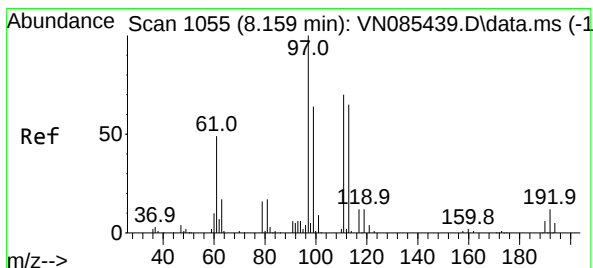
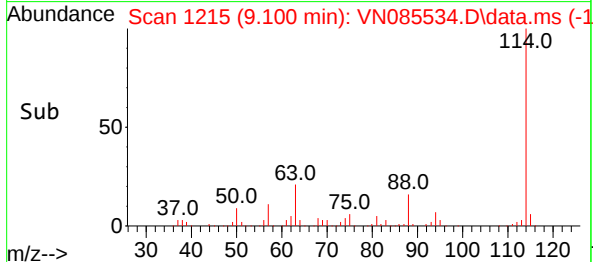
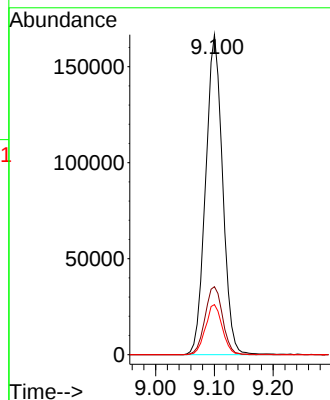
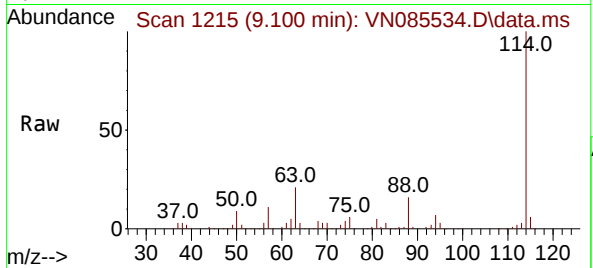




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

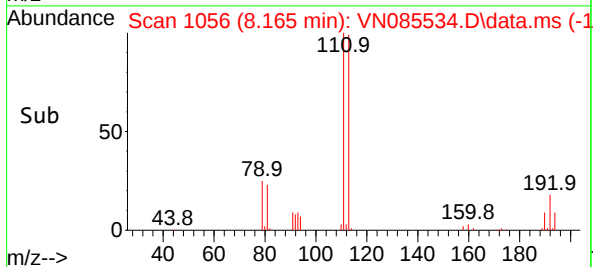
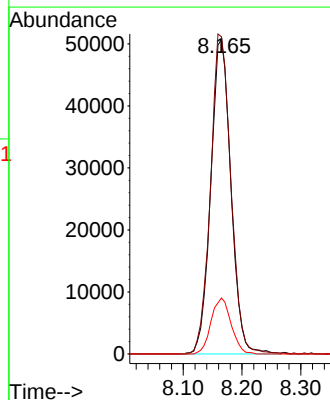
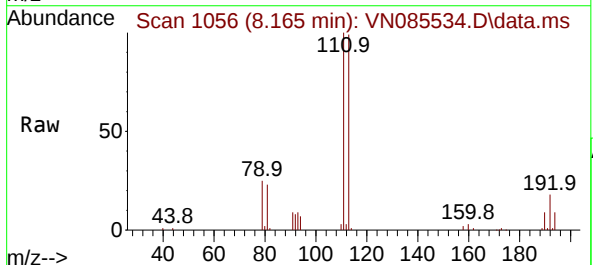
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250123

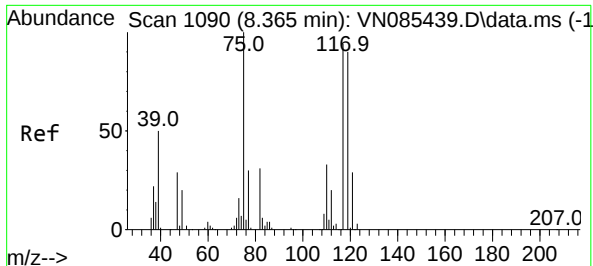
Tgt Ion:114 Resp: 333621
Ion Ratio Lower Upper
114 100
63 21.2 0.0 47.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.140 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

Tgt Ion:113 Resp: 120678
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 17.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.291 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085534.D

Acq: 28 Jan 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-TB-20250123

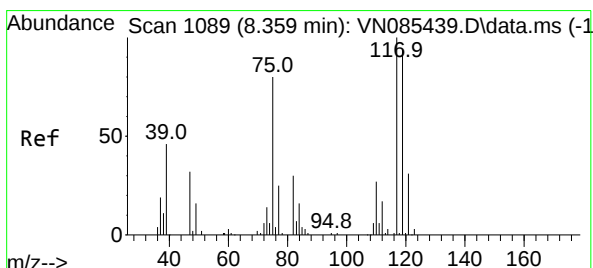
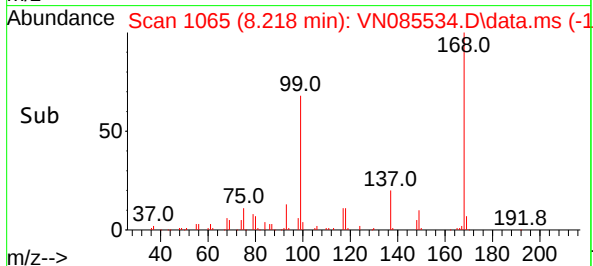
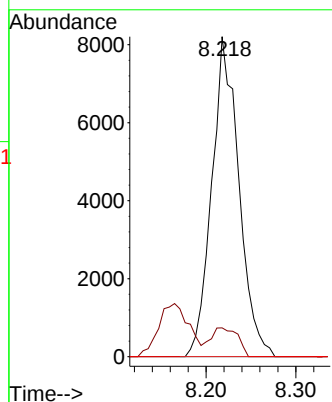
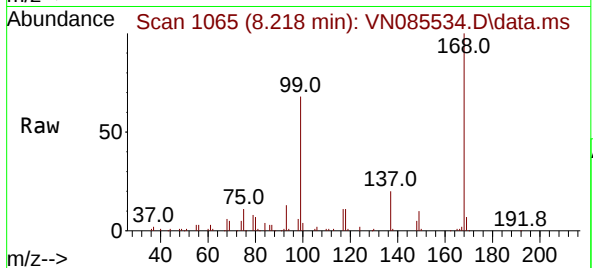
Tgt Ion: 75 Resp: 17188

Ion Ratio Lower Upper

75 100

110 9.2 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.369 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085534.D

Acq: 28 Jan 2025 13:24

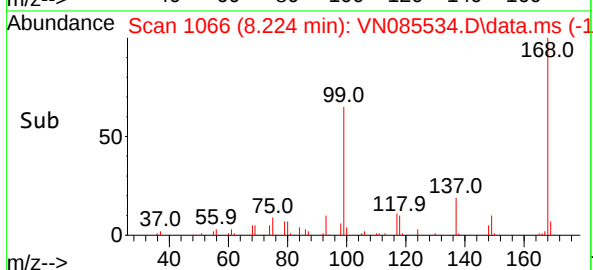
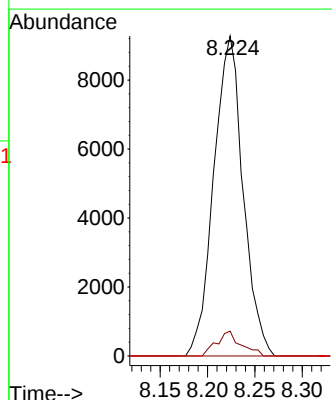
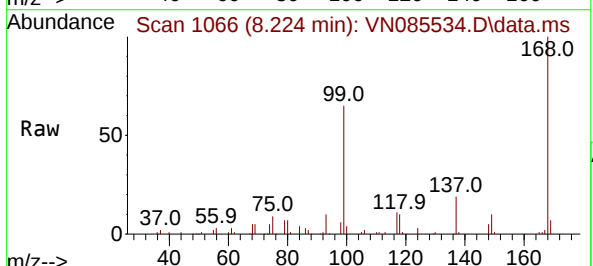
Tgt Ion: 117 Resp: 19968

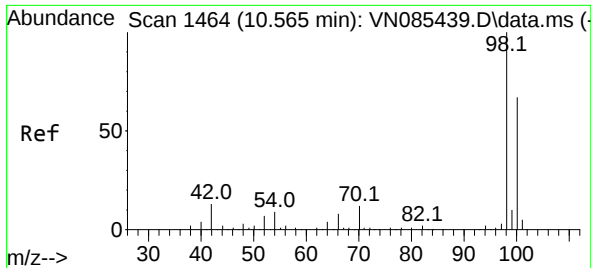
Ion Ratio Lower Upper

117 100

119 7.8 75.4 113.2#

121 0.0 24.6 37.0#

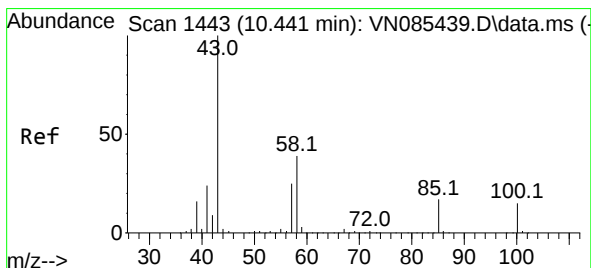
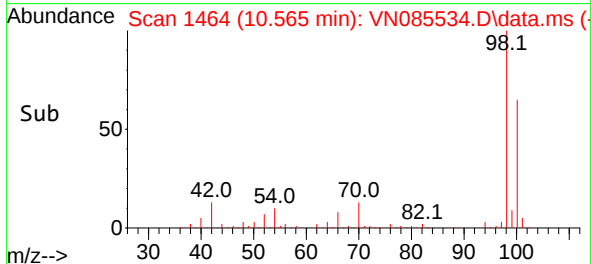
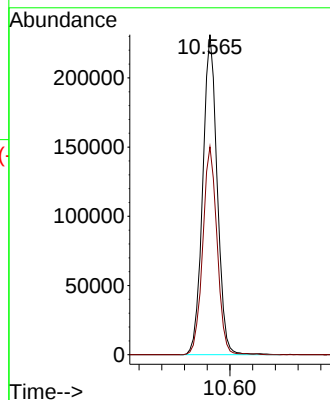
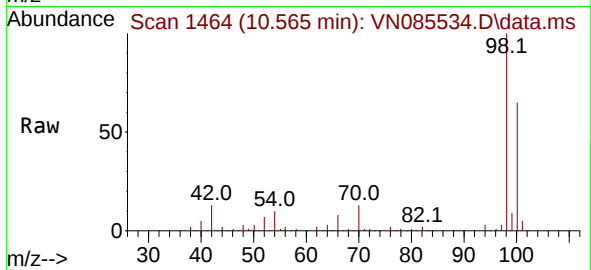




#50
Toluene-d8
Concen: 49.496 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

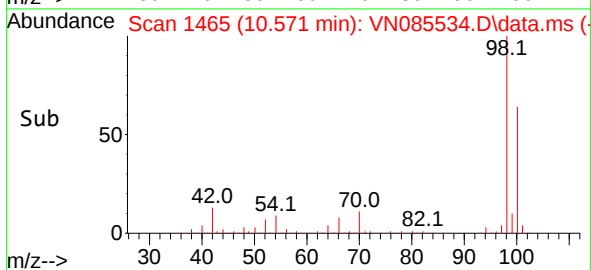
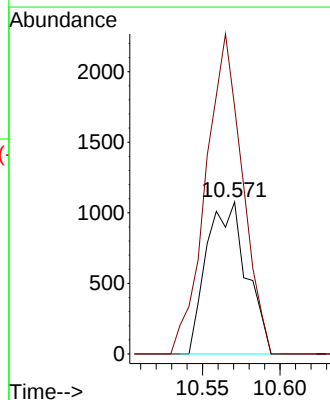
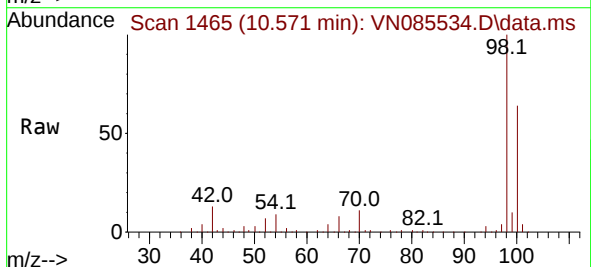
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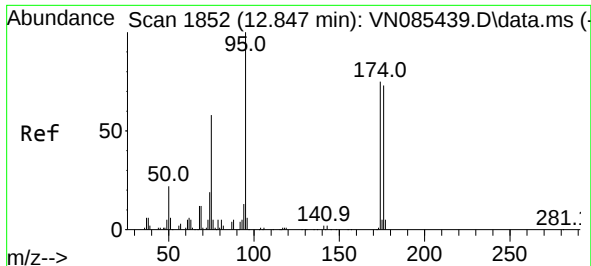
Tgt Ion: 98 Resp: 407027
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.631 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.130 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 193.2 30.5 45.7#

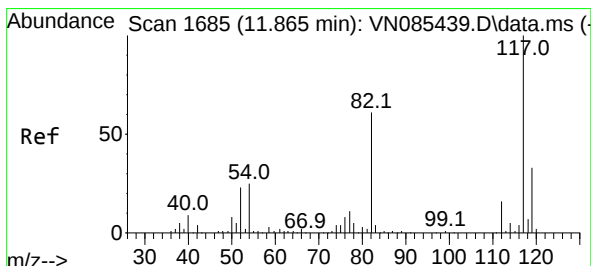
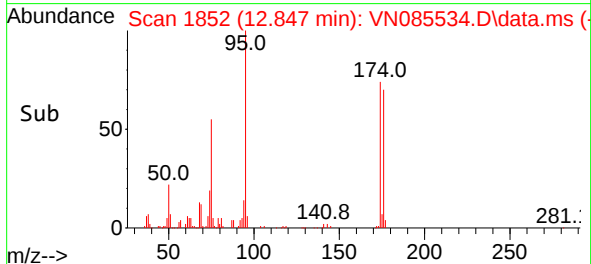
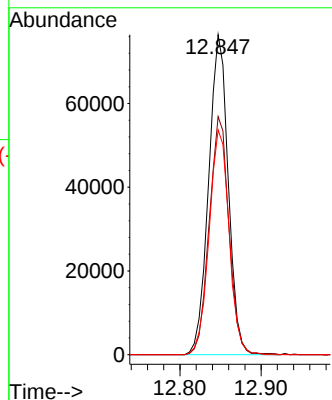
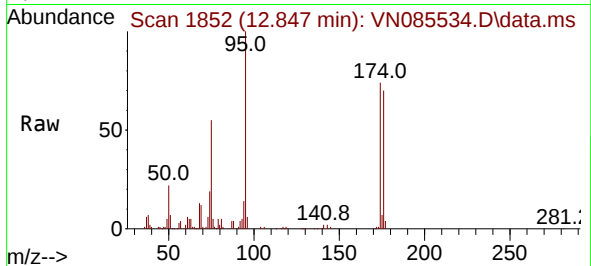




#62
4-Bromofluorobenzene
Concen: 45.481 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

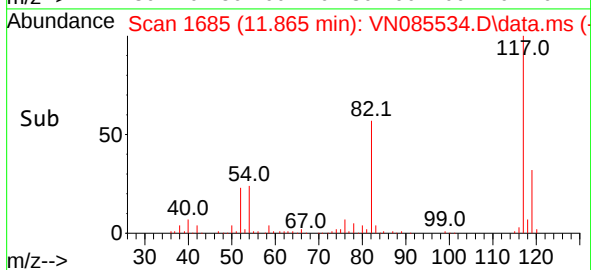
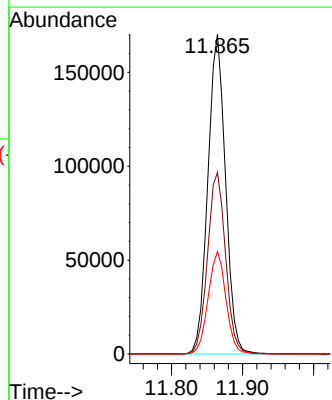
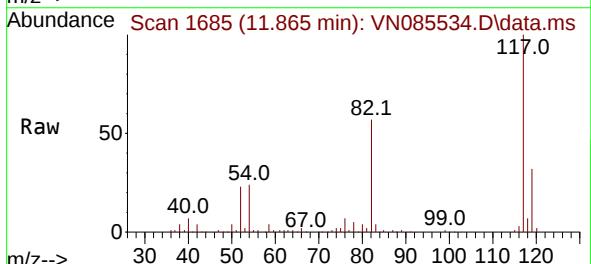
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250123

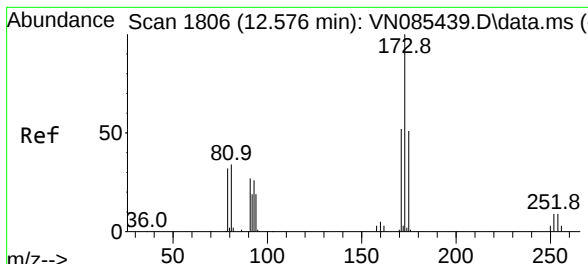
Tgt Ion:	95	Resp:	127940
Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	145.0
176	71.5	0.0	142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

Tgt Ion:	117	Resp:	293971
Ion	Ratio	Lower	Upper
117	100		
82	56.7	48.6	72.8
119	32.0	26.6	39.8

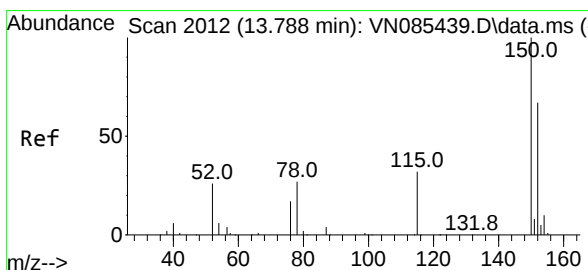
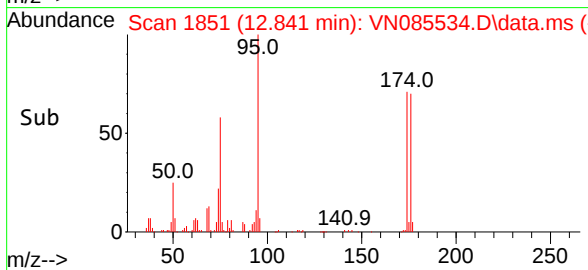
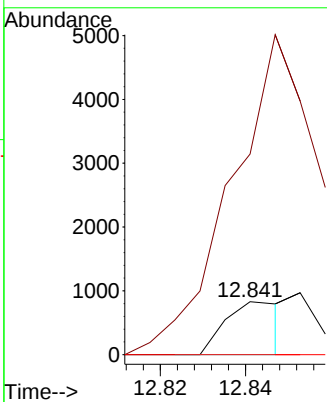
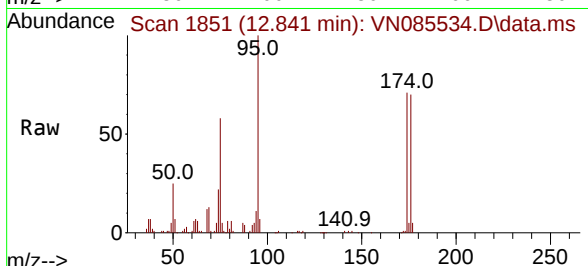




#71
 Bromoform
 Concen: 0.454 ug/l
 RT: 12.841 min Scan# 1851
 Delta R.T. 0.265 min
 Lab File: VN085534.D
 Acq: 28 Jan 2025 13:24

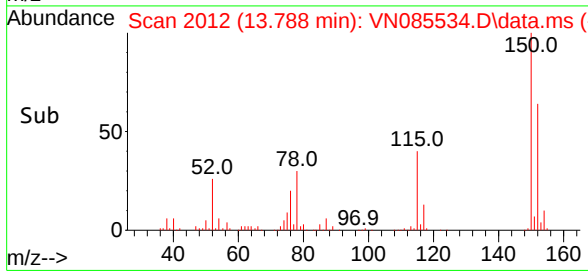
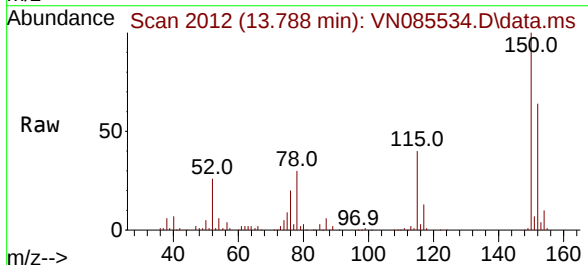
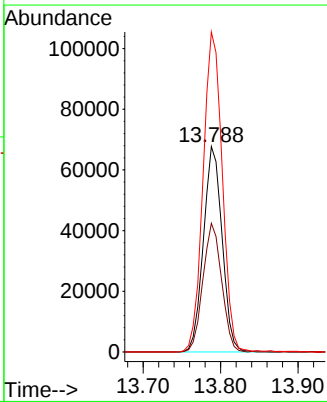
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-TB-20250123

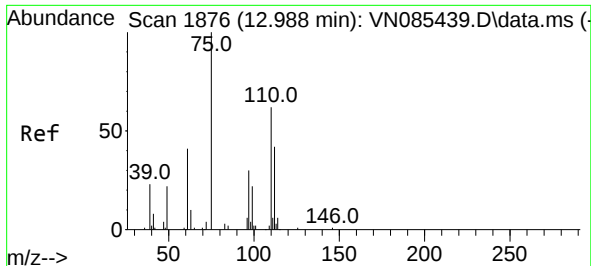
Tgt Ion:	173	Resp:	767
Ion Ratio	Lower	Upper	
173	100		
175	759.8	24.4	73.2#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085534.D
 Acq: 28 Jan 2025 13:24

Tgt Ion:	152	Resp:	113614
Ion Ratio	Lower	Upper	
152	100		
115	62.6	31.1	93.3
150	159.2	0.0	343.6

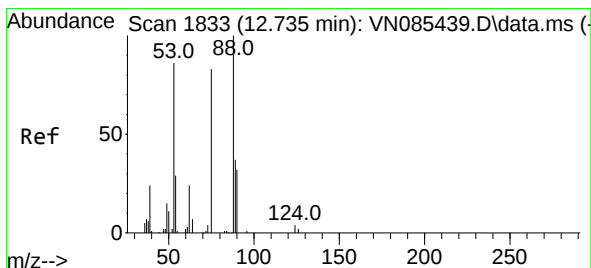
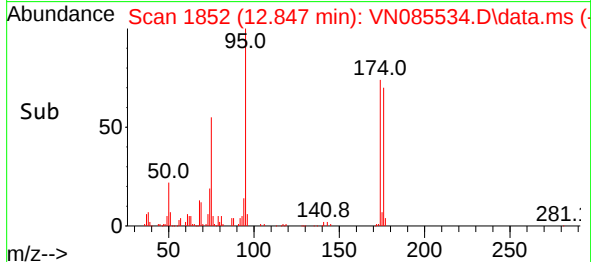
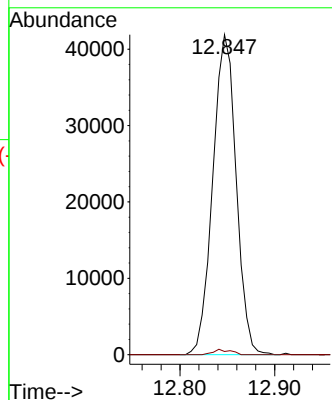
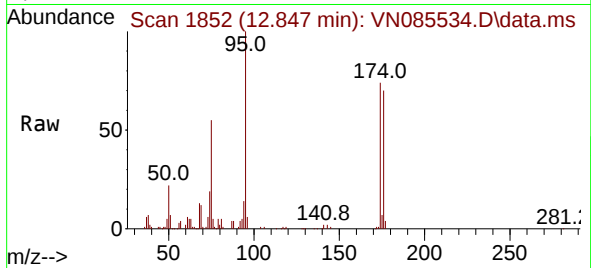




#76
1,2,3-Trichloropropane
Concen: 31.092 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

Instrument : MSVOA_N
ClientSampleId : BP-VPB-192-TB-20250123

Tgt Ion: 75 Resp: 71798
Ion Ratio Lower Upper
75 100
77 1.2 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.121 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085534.D
Acq: 28 Jan 2025 13:24

Tgt Ion: 75 Resp: 71798
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#

