

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085453.D
 Acq On : 15 Jan 2025 11:50
 Operator : JC\MD
 Sample : Q1062-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-TB-20250107

Quant Time: Jan 16 00:55:57 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)

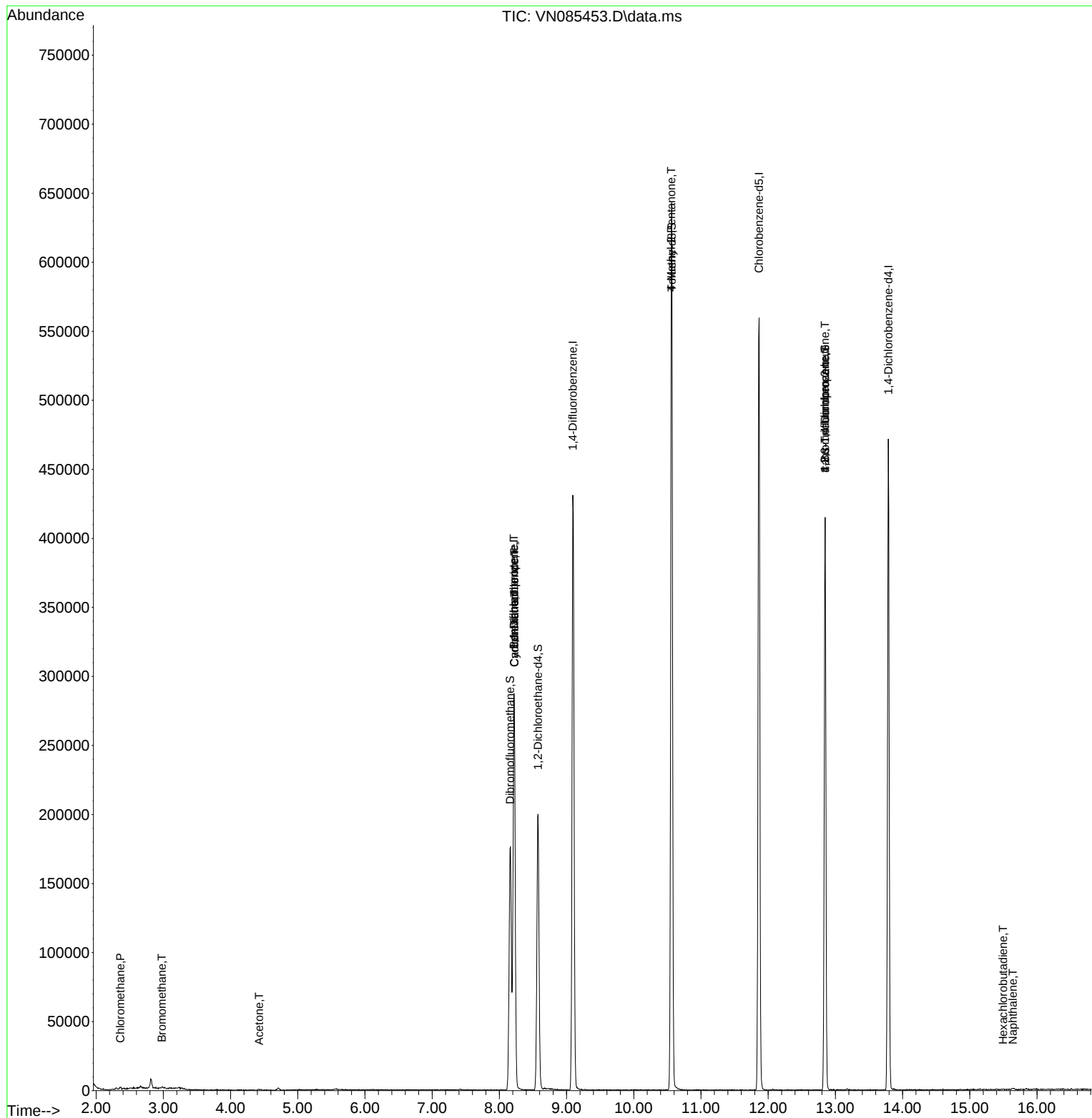
Internal Standards						
1) Pentafluorobenzene	8.218	168	196038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	355455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168714	53.315	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.640%		
35) Dibromofluoromethane	8.159	113	123337	50.015	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.040%		
50) Toluene-d8	10.565	98	428715	48.931	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.860%		
62) 4-Bromofluorobenzene	12.847	95	137686	45.939	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.880%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1412	0.491	ug/l	97
5) Bromomethane	2.977	94	702	0.402	ug/l #	68
16) Acetone	4.424	43	1060	1.037	ug/l #	45
31) Cyclohexane	8.224	56	5344	1.331	ug/l #	35
36) 1,1-Dichloropropene	8.218	75	18476	5.338	ug/l #	48
38) Carbon Tetrachloride	8.224	117	22183	5.599	ug/l #	17
51) 4-Methyl-2-Pentanone	10.559	43	2144	0.660	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76258	31.351	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76258	84.823	ug/l #	3
94) Hexachlorobutadiene	15.494	225	236	0.247	ug/l #	20
95) Naphthalene	15.641	128	1621	0.302	ug/l #	69

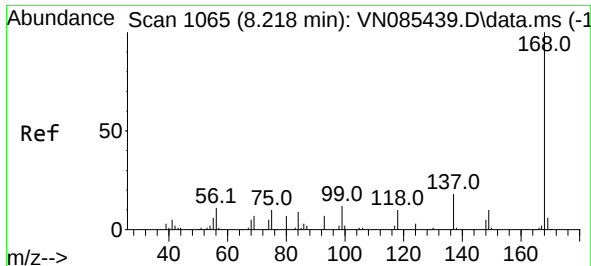
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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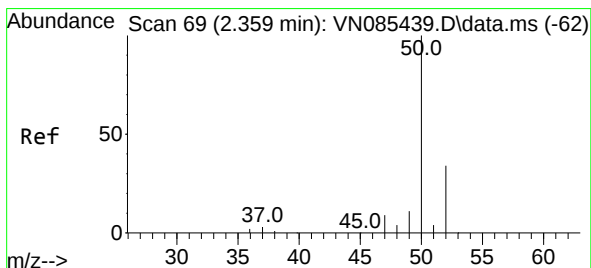
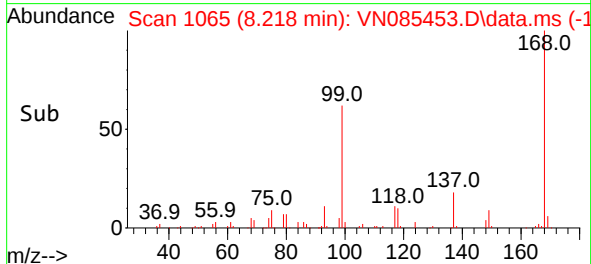
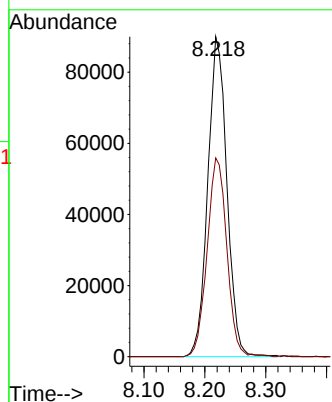
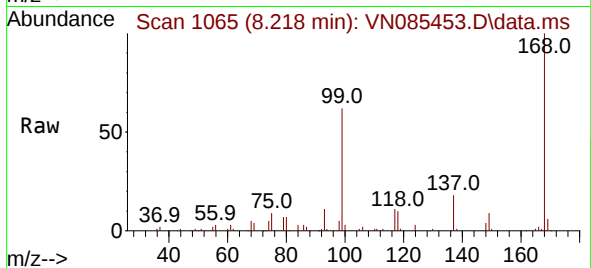




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

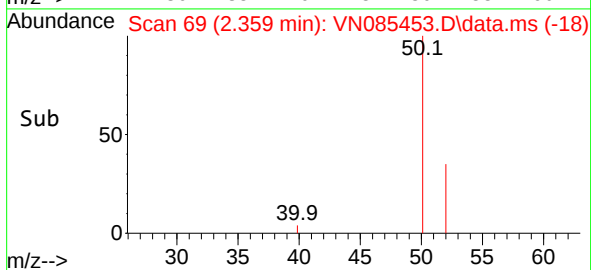
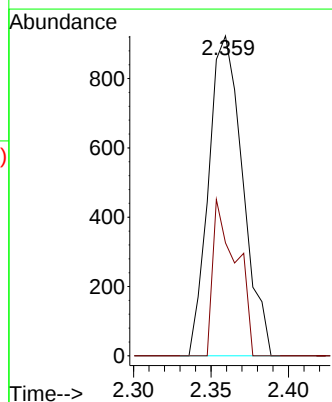
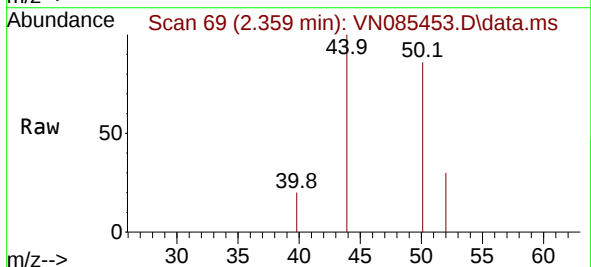
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-TB-20250107

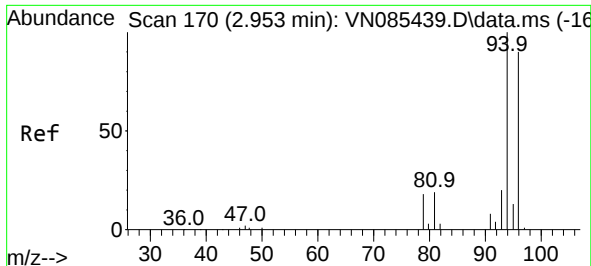
Tgt Ion:168 Resp: 196038
Ion Ratio Lower Upper
168 100
99 62.1 53.6 80.4



#3
Chloromethane
Concen: 0.491 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

Tgt Ion: 50 Resp: 1412
Ion Ratio Lower Upper
50 100
52 35.3 27.0 40.6

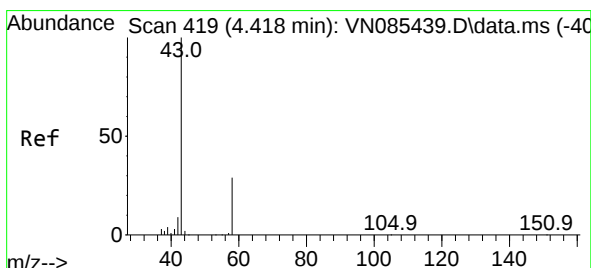
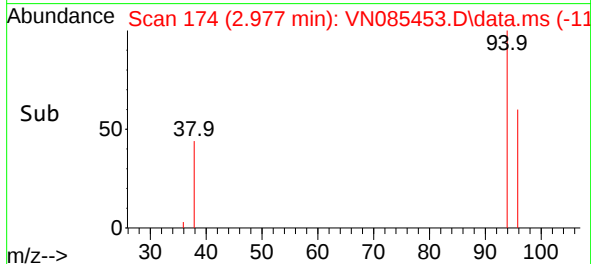
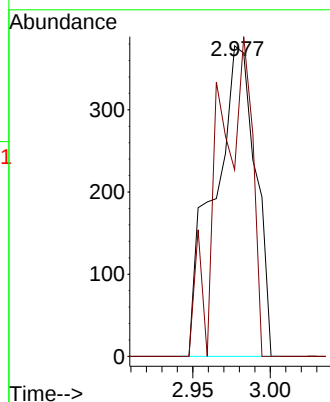
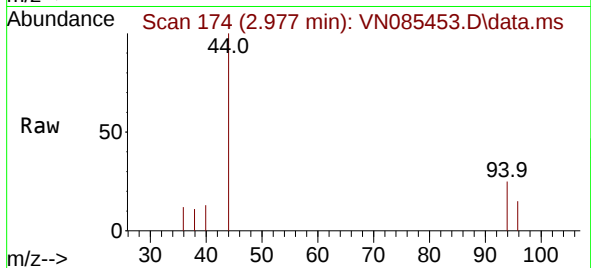




#5
Bromomethane
Concen: 0.402 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

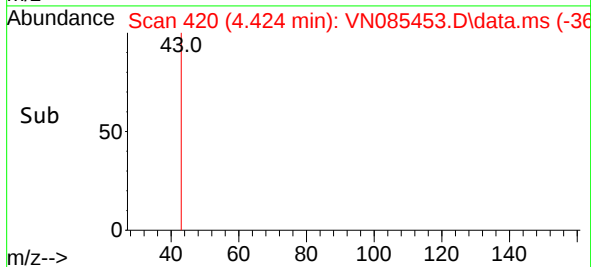
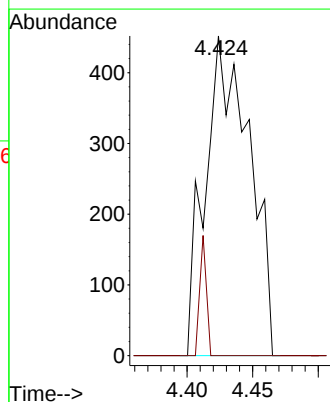
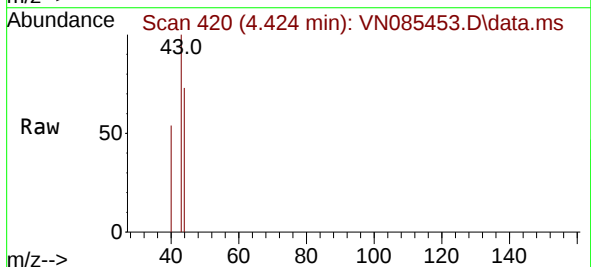
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-TB-20250107

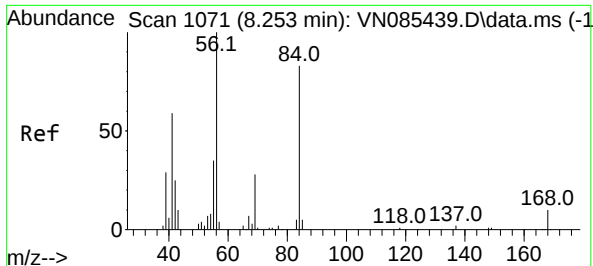
Tgt Ion: 94 Resp: 702
Ion Ratio Lower Upper
94 100
96 60.1 71.8 107.6#



#16
Acetone
Concen: 1.037 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#





#31

Cyclohexane

Concen: 1.331 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN085453.D

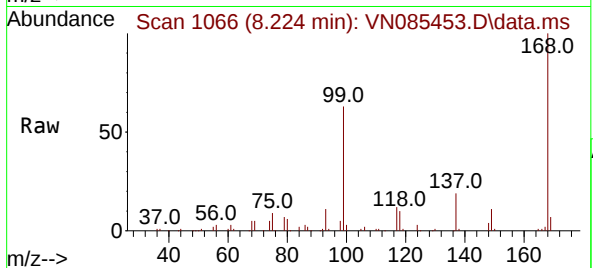
Acq: 15 Jan 2025 11:50

Instrument :

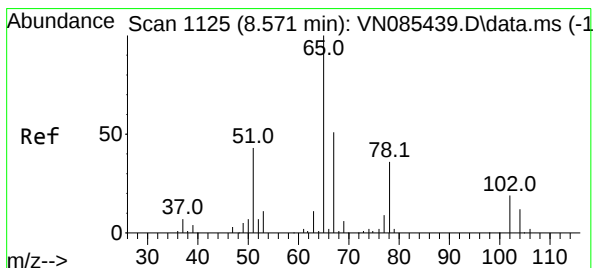
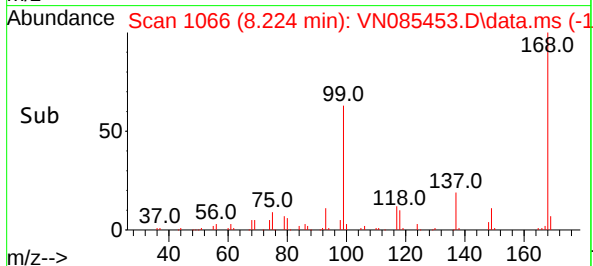
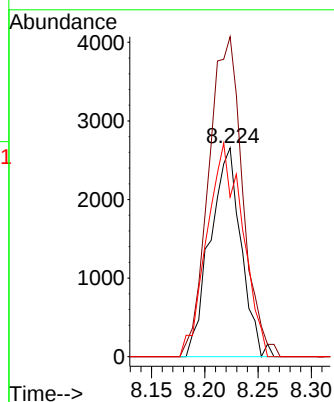
MSVOA_N

ClientSampleId :

BP-VPB-190A-TB-20250107



Tgt Ion:	56	Resp:	5344
Ion Ratio	Lower	Upper	
56	100		
69	153.2	22.2	33.4#
84	76.4	66.4	99.6



#33

1,2-Dichloroethane-d4

Concen: 53.315 ug/l

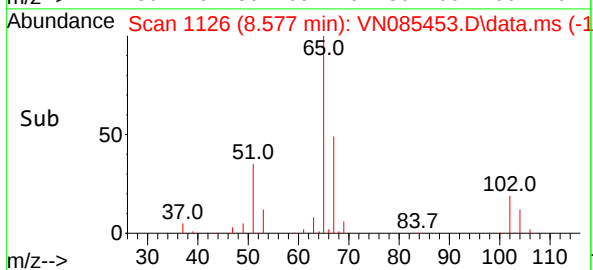
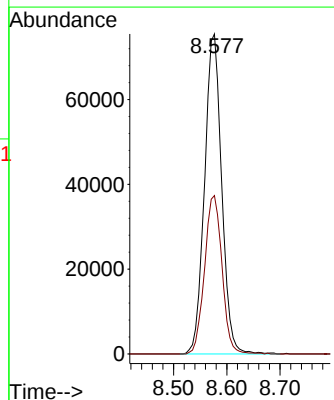
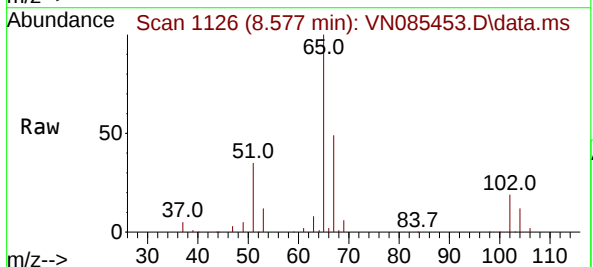
RT: 8.577 min Scan# 1126

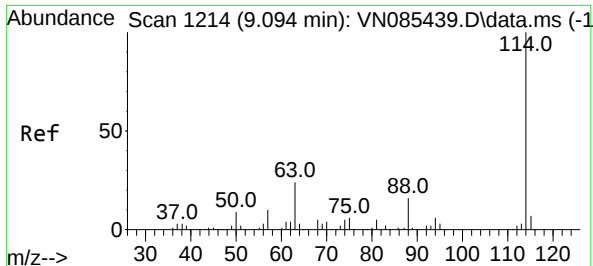
Delta R.T. 0.006 min

Lab File: VN085453.D

Acq: 15 Jan 2025 11:50

Tgt Ion:	65	Resp:	168714
Ion Ratio	Lower	Upper	
65	100		
67	50.4	0.0	101.6

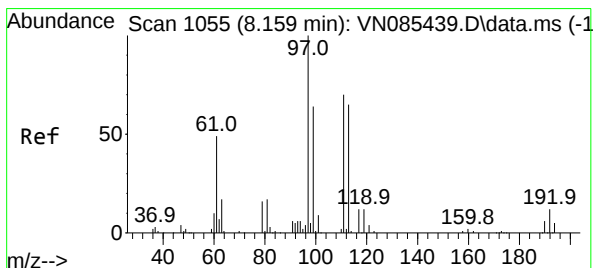
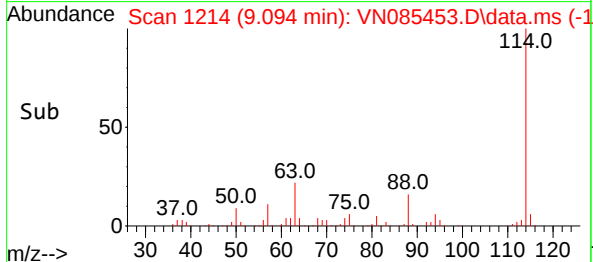
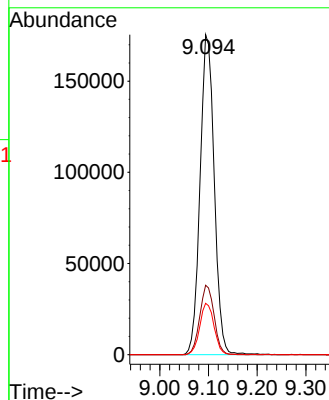
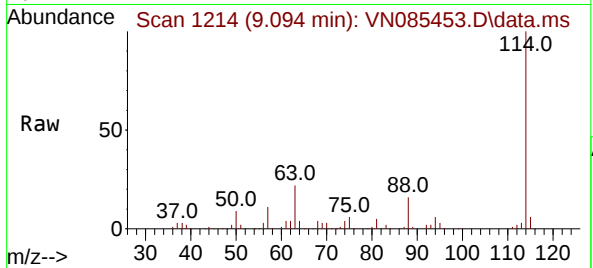




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

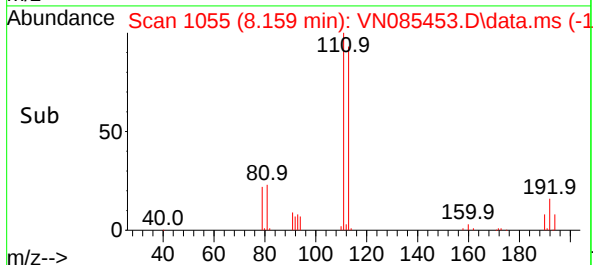
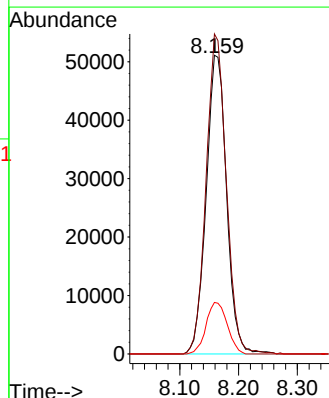
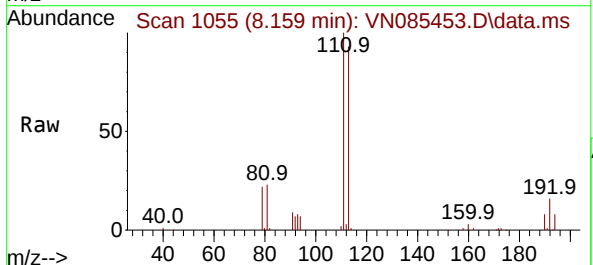
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-TB-20250107

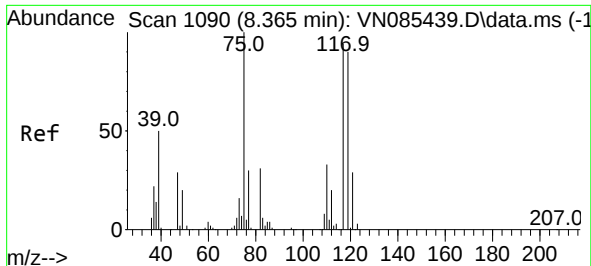
Tgt Ion:114 Resp: 355455
Ion Ratio Lower Upper
114 100
63 21.7 0.0 47.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.015 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

Tgt Ion:113 Resp: 123337
Ion Ratio Lower Upper
113 100
111 105.8 82.7 124.1
192 17.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.338 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085453.D

Acq: 15 Jan 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190A-TB-20250107

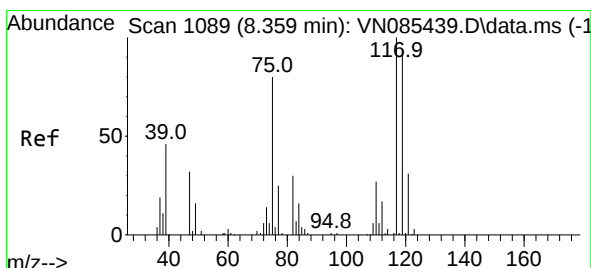
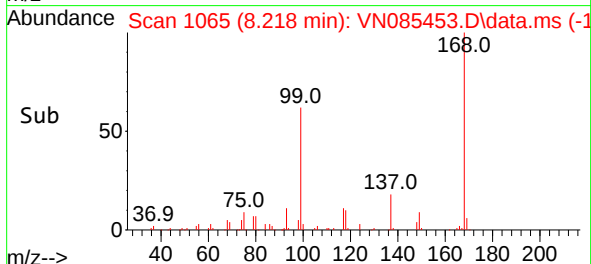
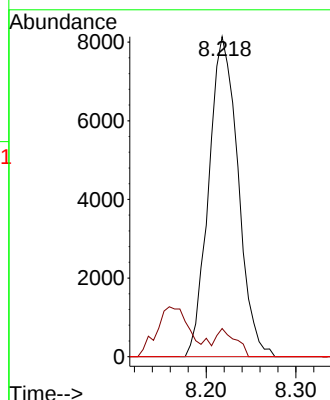
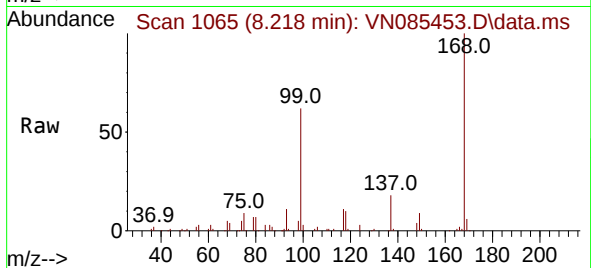
Tgt Ion: 75 Resp: 18476

Ion Ratio Lower Upper

75 100

110 5.7 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.599 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085453.D

Acq: 15 Jan 2025 11:50

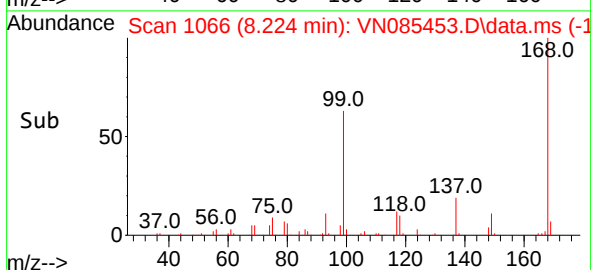
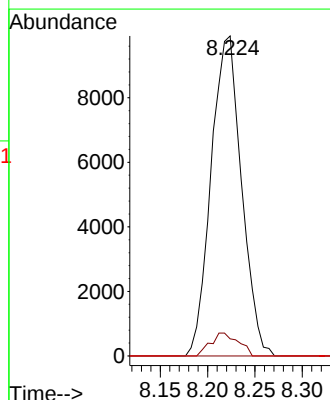
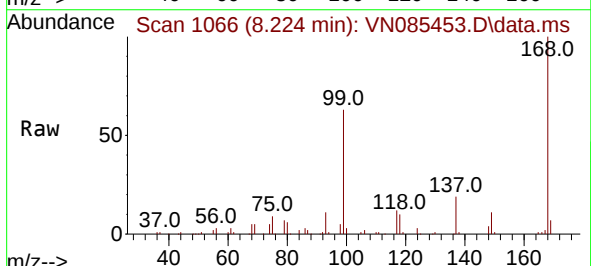
Tgt Ion: 117 Resp: 22183

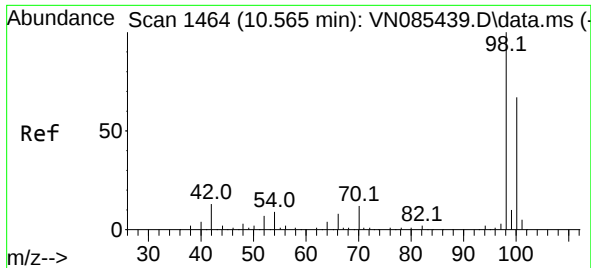
Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.2#

121 0.0 24.6 37.0#

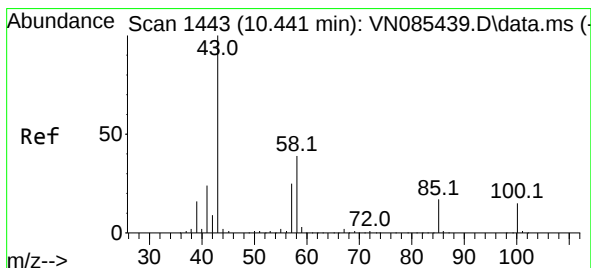
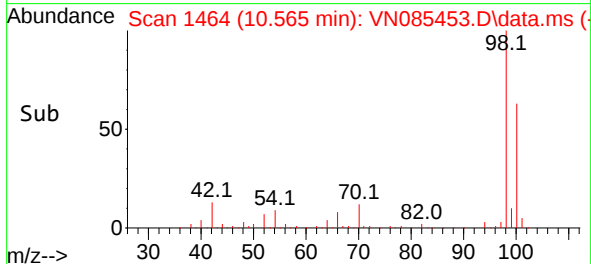
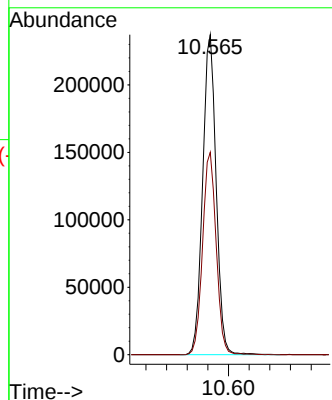
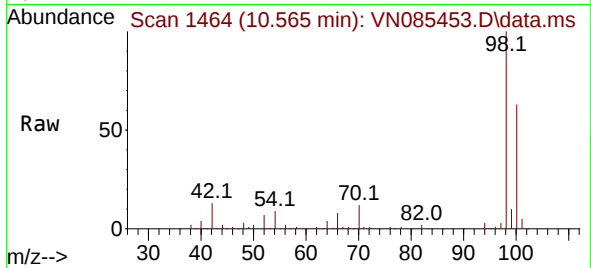




#50
Toluene-d8
Concen: 48.931 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

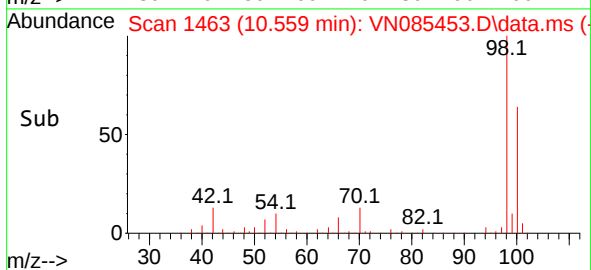
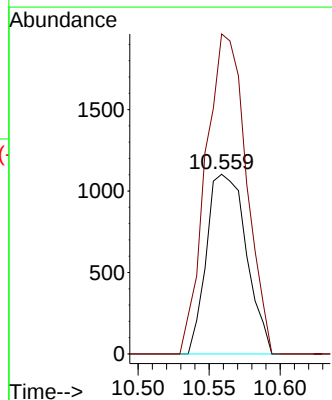
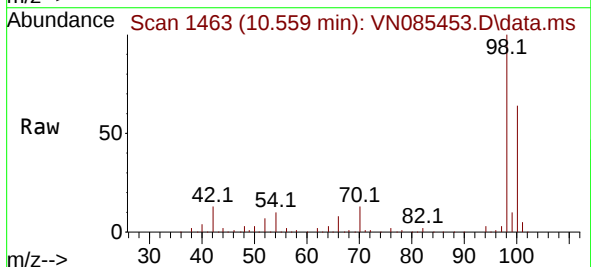
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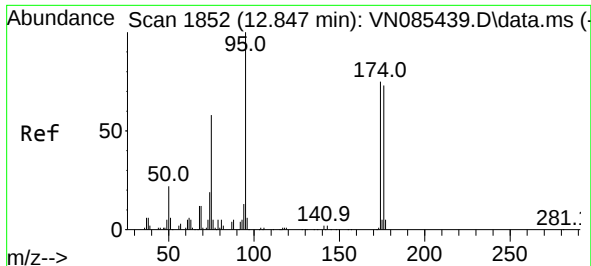
Tgt Ion: 98 Resp: 428715
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
58 181.5 30.5 45.7#

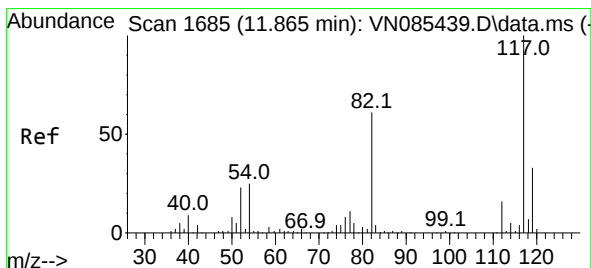
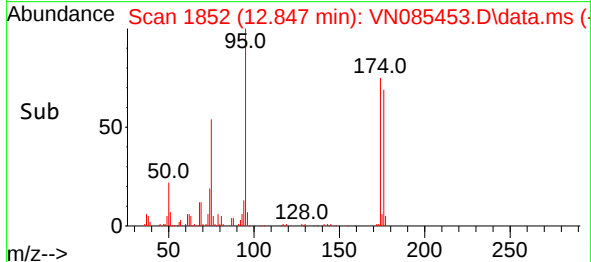
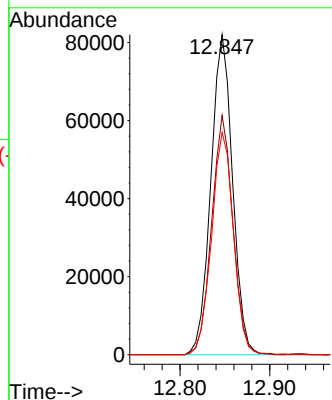
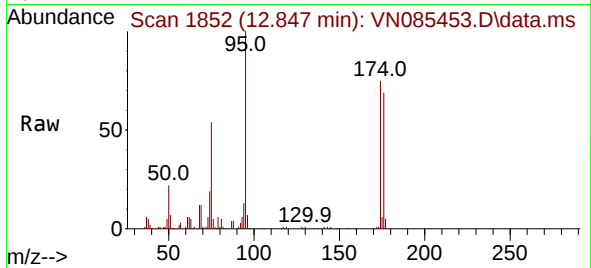




#62
4-Bromofluorobenzene
Concen: 45.939 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

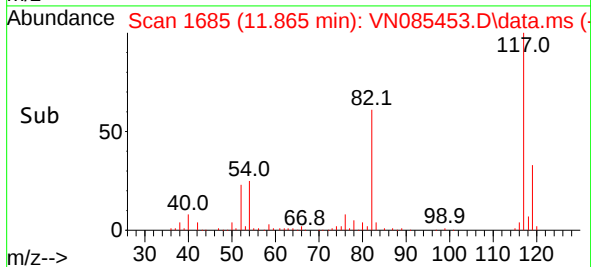
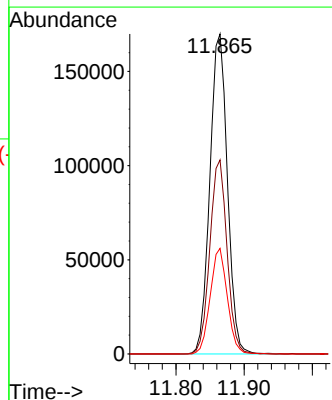
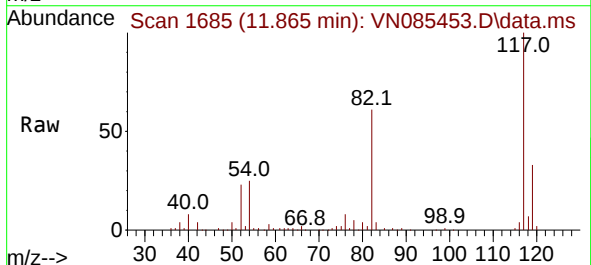
Instrument :
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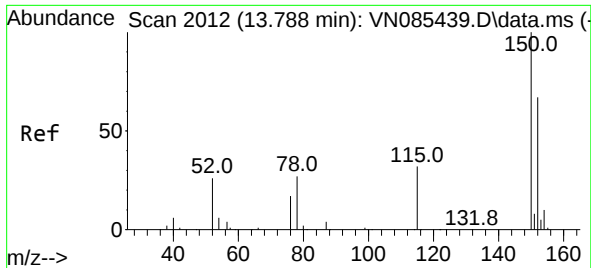
Tgt Ion: 95 Resp: 137686
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.0
176 70.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

Tgt Ion: 117 Resp: 304386
Ion Ratio Lower Upper
117 100
82 60.6 48.6 72.8
119 33.0 26.6 39.8

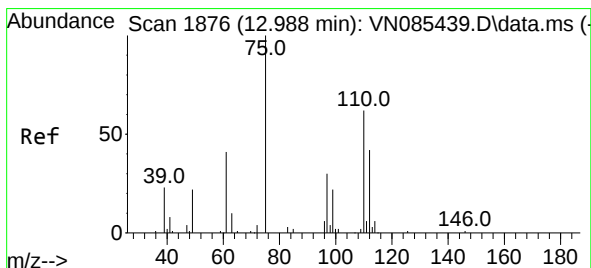
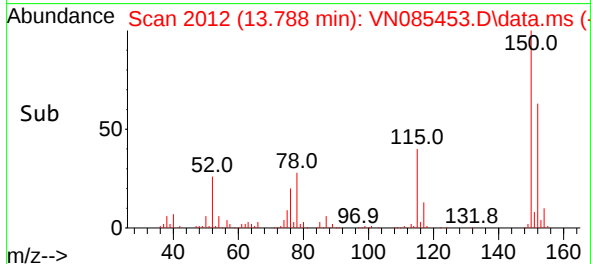
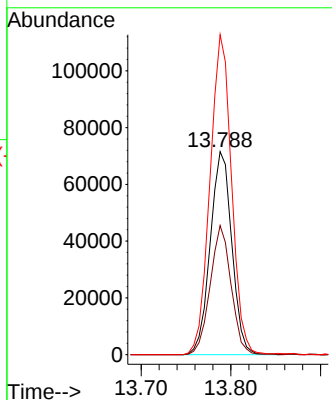
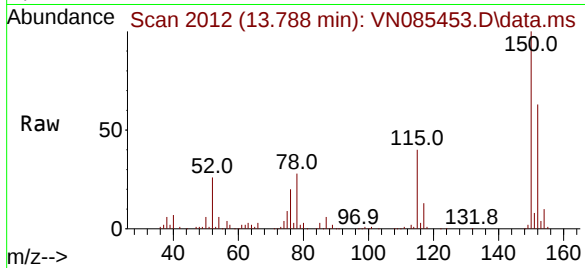




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

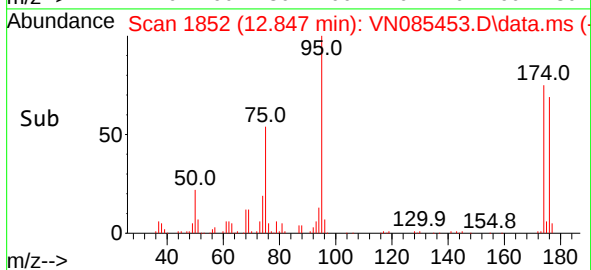
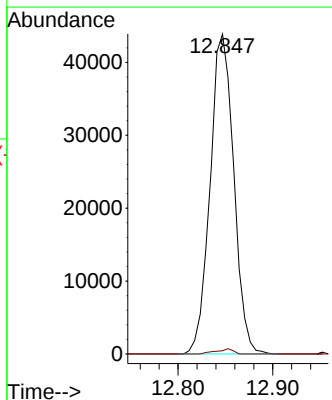
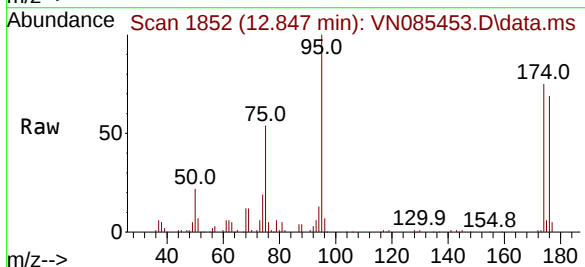
Instrument : MSVOA_N
ClientSampleId : BP-VPB-190A-TB-20250107

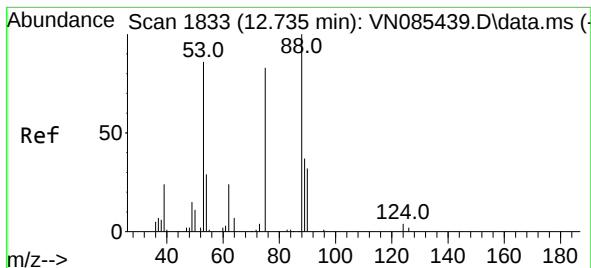
Tgt Ion:152 Resp: 119672
Ion Ratio Lower Upper
152 100
115 61.4 31.1 93.3
150 156.9 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 31.351 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

Tgt Ion: 75 Resp: 76258
Ion Ratio Lower Upper
75 100
77 1.1 109.7 329.2#

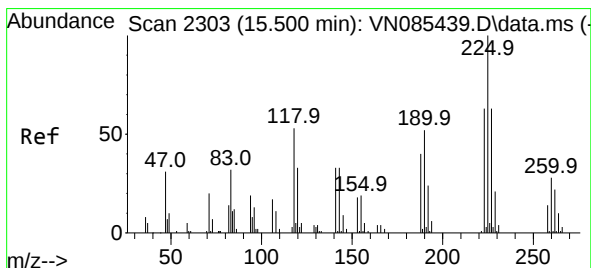
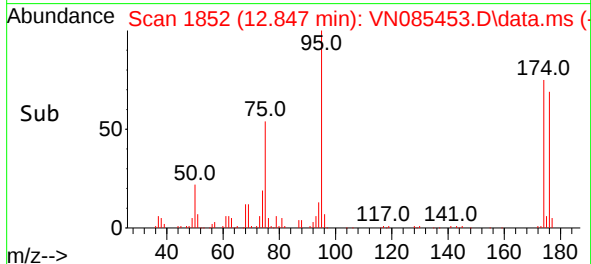
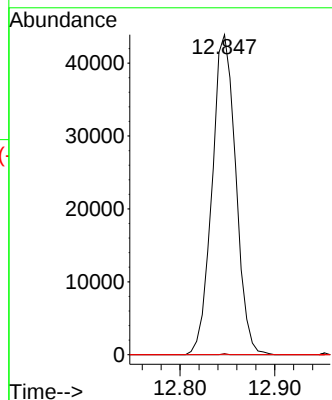
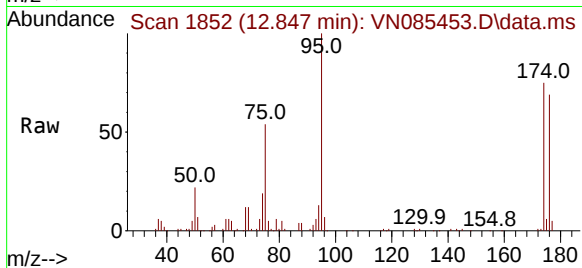




#81
trans-1,4-Dichloro-2-butene
Concen: 84.823 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

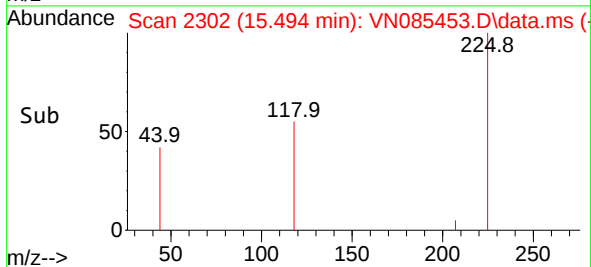
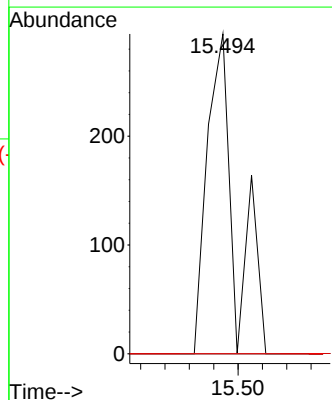
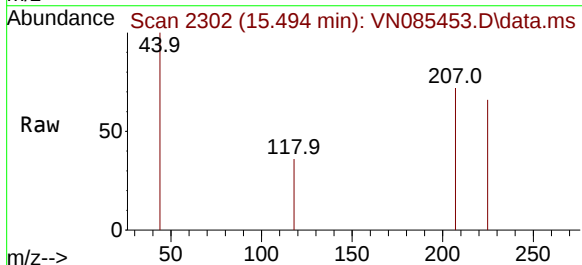
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-TB-20250107

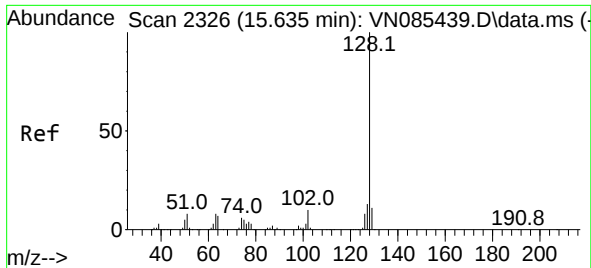
Tgt Ion: 75 Resp: 76258
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.247 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

Tgt Ion: 225 Resp: 236
Ion Ratio Lower Upper
225 100
223 0.0 30.7 92.1#
227 0.0 30.9 92.5#





#95

Naphthalene

Concen: 0.302 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085453.D

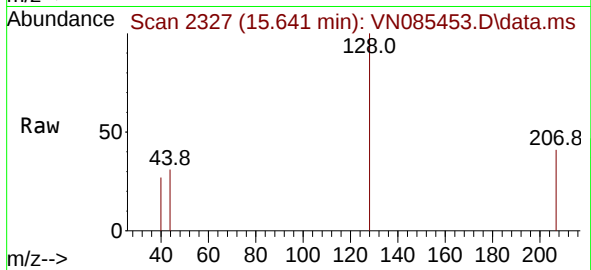
Acq: 15 Jan 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190A-TB-20250107



Tgt Ion:128 Resp: 1621

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.8 13.2#

