

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085661.D
 Acq On : 04 Feb 2025 19:02
 Operator : JC\MD
 Sample : Q1249-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-GW-460-462

Quant Time: Feb 05 01:10:15 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)

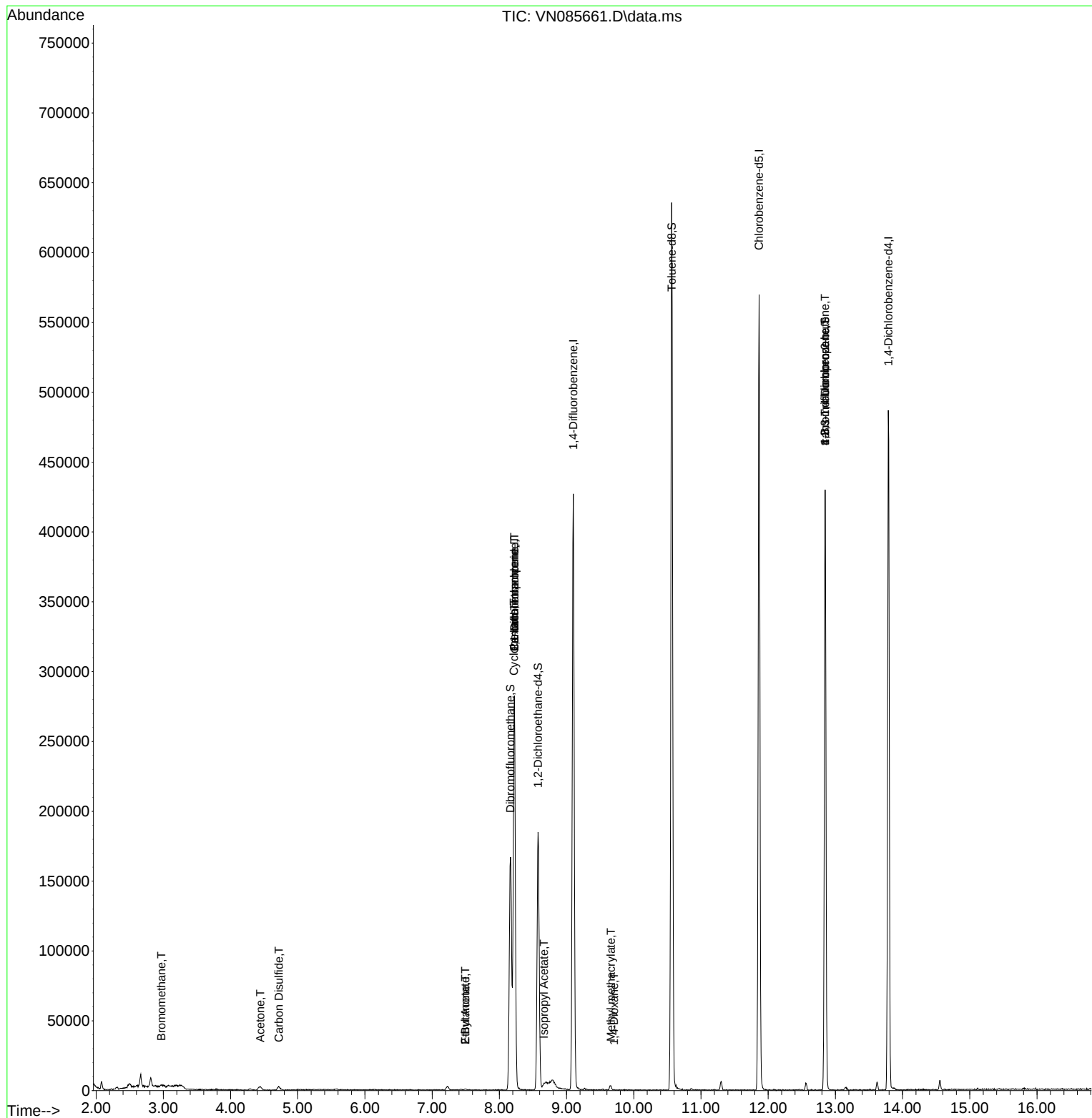
Internal Standards						
1) Pentafluorobenzene	8.224	168	197271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	369746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144065	45.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.480%
35) Dibromofluoromethane	8.165	113	126291	49.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.460%
50) Toluene-d8	10.565	98	450233	49.401	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.847	95	142147	45.595	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.180%
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	375	0.214	ug/l	88
16) Acetone	4.442	43	5610	5.452	ug/l #	80
17) Carbon Disulfide	4.718	76	1701	0.261	ug/l #	76
25) 2-Butanone	7.494	43	1371	0.905	ug/l #	50
31) Cyclohexane	8.218	56	4821	1.193	ug/l #	12
36) 1,1-Dichloropropene	8.224	75	16886	4.690	ug/l #	50
37) Ethyl Acetate	7.494	43	1371	0.377	ug/l #	70
38) Carbon Tetrachloride	8.224	117	20746	5.034	ug/l #	17
43) Isopropyl Acetate	8.665	43	3083	0.529	ug/l #	55
48) Methyl methacrylate	9.659	41	933	0.356	ug/l #	33
49) 1,4-Dioxane	9.706	88	218	4.940	ug/l #	57
76) 1,2,3-Trichloropropane	12.847	75	75526	28.273	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75526	76.495	ug/l #	3

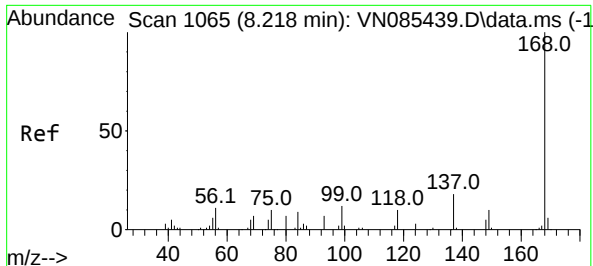
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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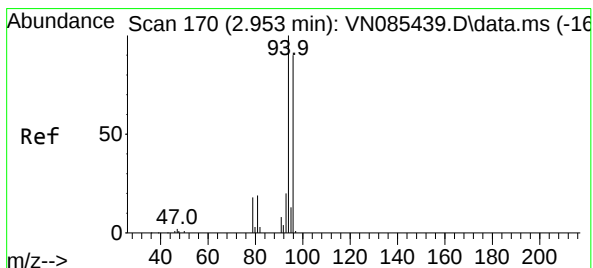
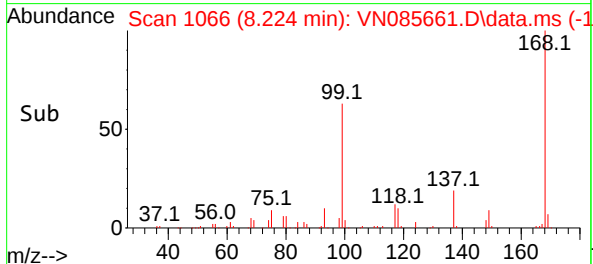
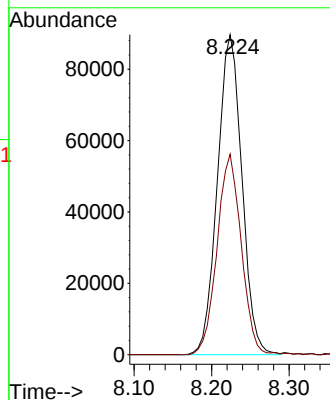
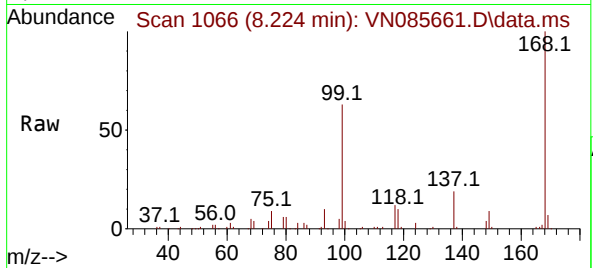




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085661.D
Acq: 04 Feb 2025 19:02

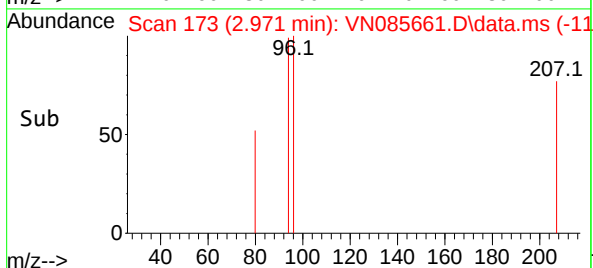
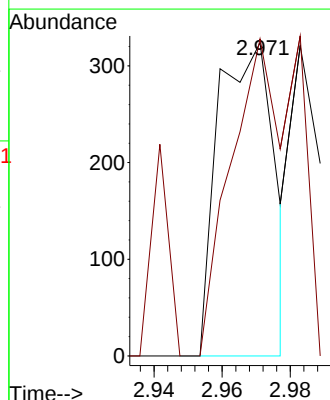
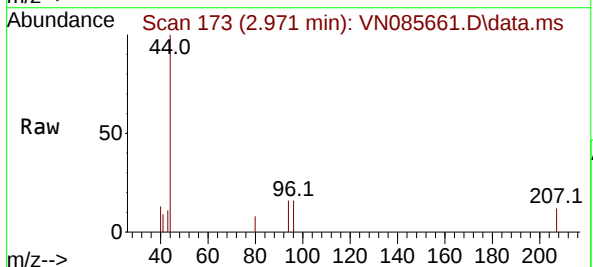
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-460-462

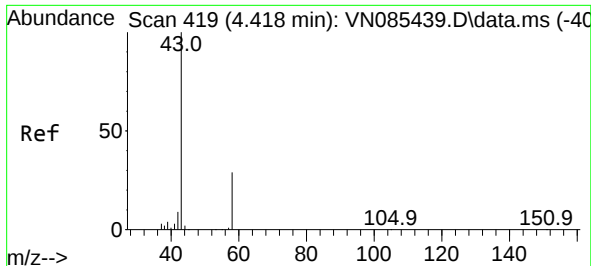
Tgt Ion:168 Resp: 197271
Ion Ratio Lower Upper
168 100
99 62.6 53.6 80.4



#5
Bromomethane
Concen: 0.214 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN085661.D
Acq: 04 Feb 2025 19:02

Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 101.2 71.8 107.6





#16

Acetone

Concen: 5.452 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN085661.D

Acq: 04 Feb 2025 19:02

Instrument :

MSVOA_N

ClientSampleId :

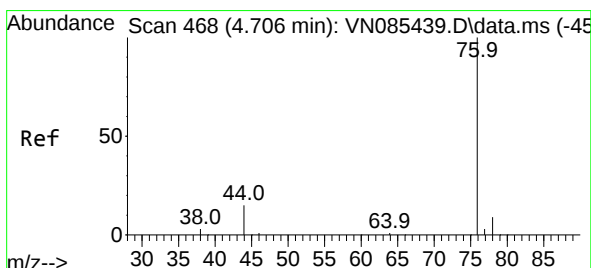
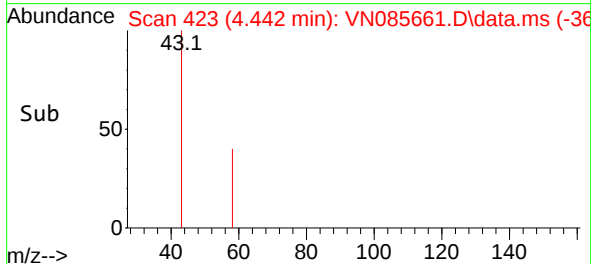
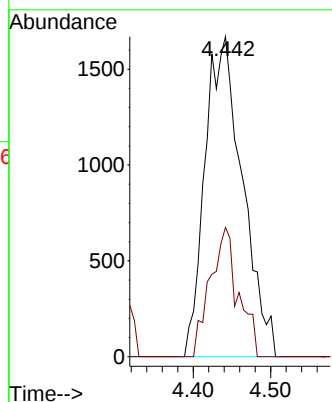
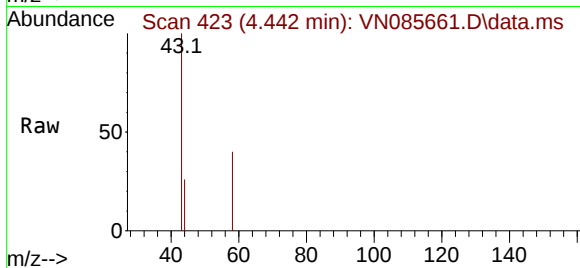
BP-VPB-192-GW-460-462

Tgt Ion: 43 Resp: 5610

Ion Ratio Lower Upper

43 100

58 40.4 23.8 35.6#



#17

Carbon Disulfide

Concen: 0.261 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN085661.D

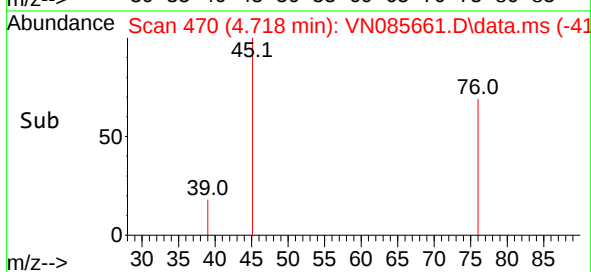
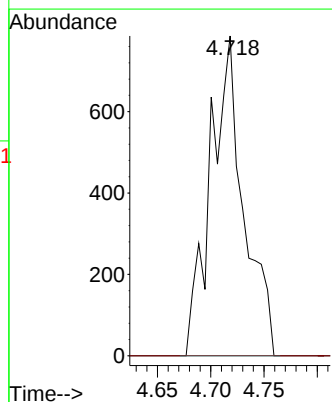
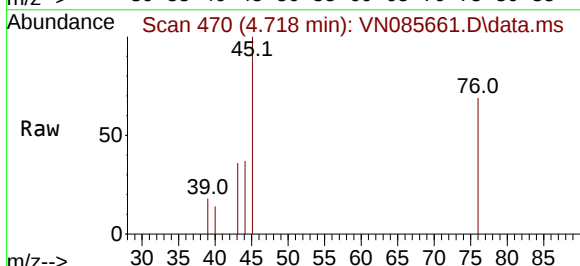
Acq: 04 Feb 2025 19:02

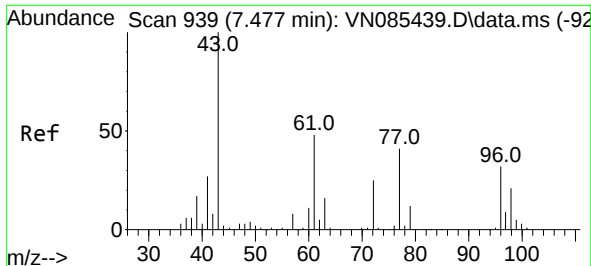
Tgt Ion: 76 Resp: 1701

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#

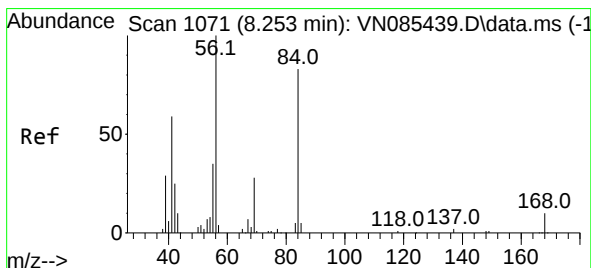
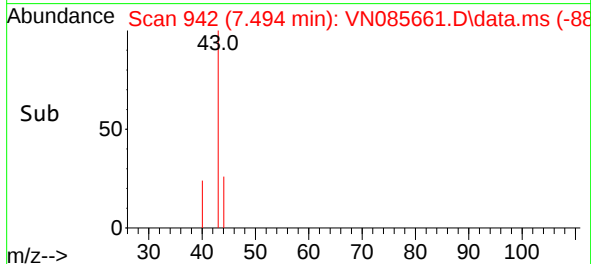
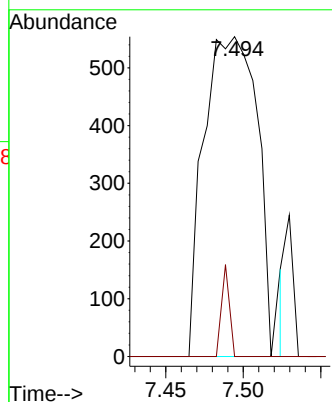
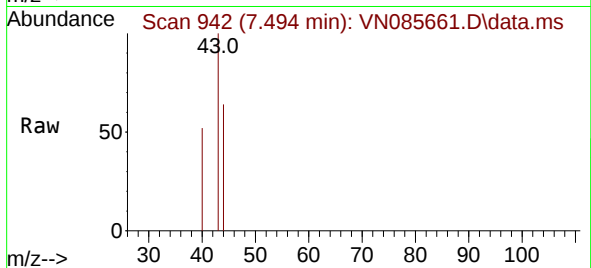




#25
2-Butanone
Concen: 0.905 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN085661.D
Acq: 04 Feb 2025 19:02

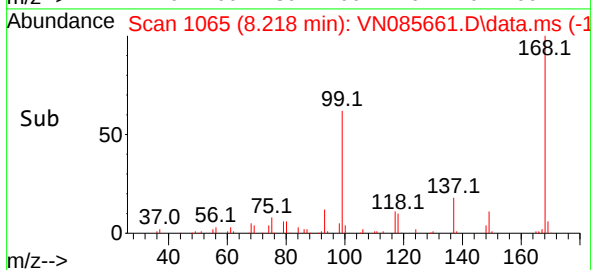
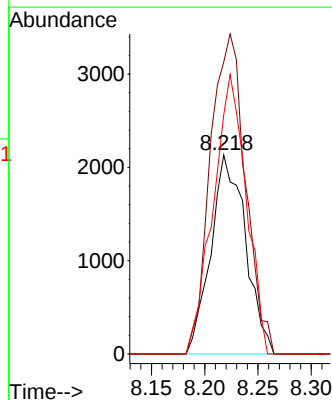
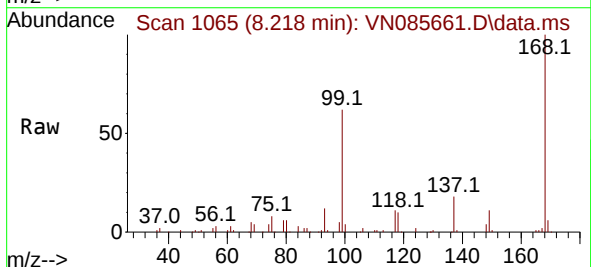
Instrument :
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BP-VPB-192-GW-460-462

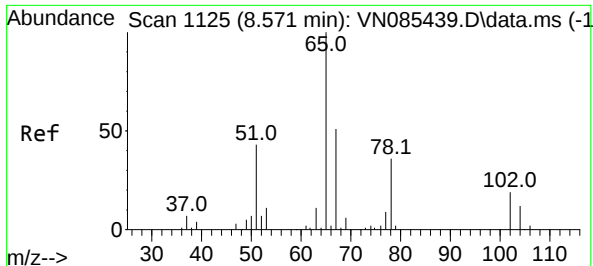
Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085661.D
Acq: 04 Feb 2025 19:02

Tgt Ion: 56 Resp: 4821
Ion Ratio Lower Upper
56 100
69 146.7 22.2 33.4#
84 120.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 45.241 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085661.D

Acq: 04 Feb 2025 19:02

Instrument :

MSVOA_N

ClientSampleId :

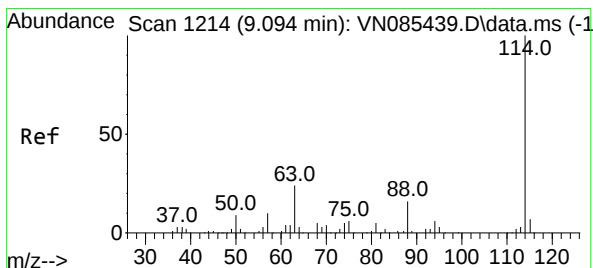
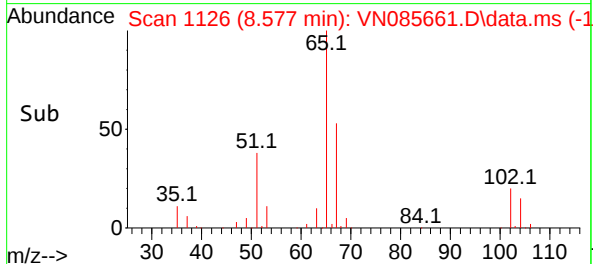
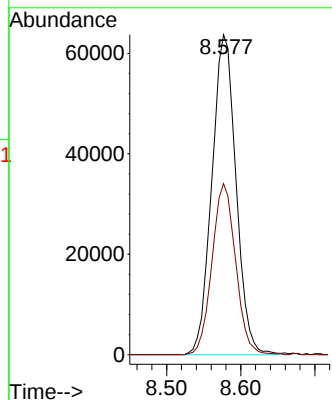
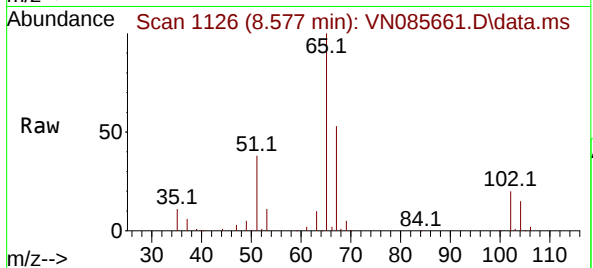
BP-VPB-192-GW-460-462

Tgt Ion: 65 Resp: 144065

Ion Ratio Lower Upper

65 100

67 52.3 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: VN085661.D

Acq: 04 Feb 2025 19:02

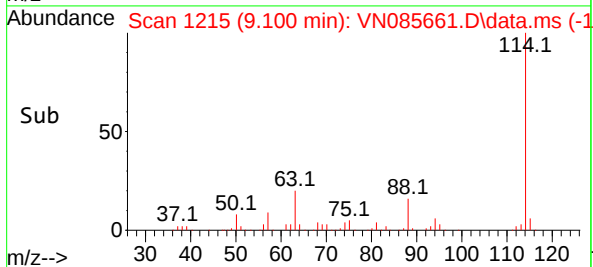
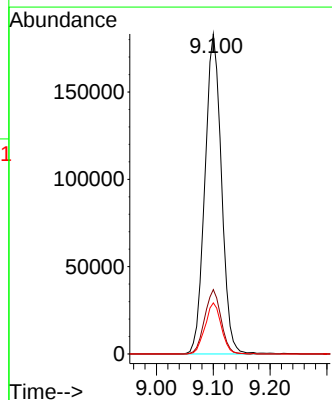
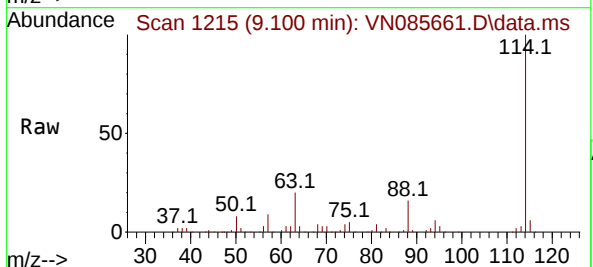
Tgt Ion: 114 Resp: 369746

Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.234 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085661.D

Acq: 04 Feb 2025 19:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-GW-460-462

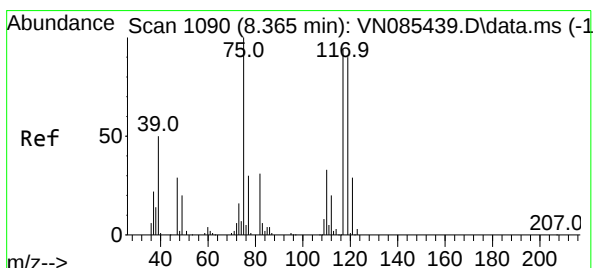
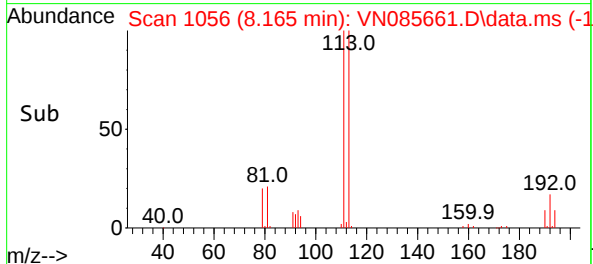
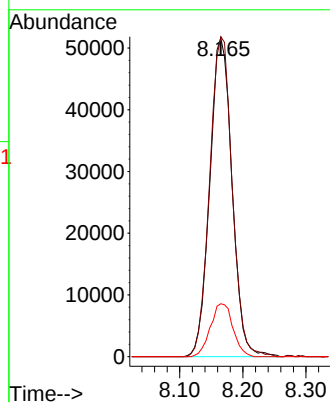
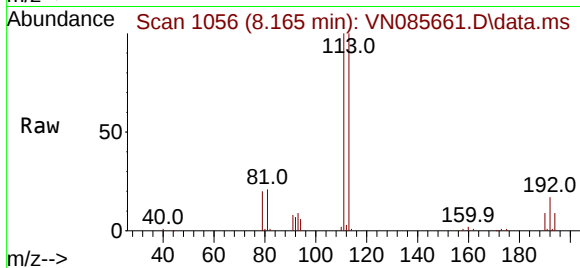
Tgt Ion:113 Resp: 126291

Ion Ratio Lower Upper

113 100

111 101.4 82.7 124.1

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.690 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085661.D

Acq: 04 Feb 2025 19:02

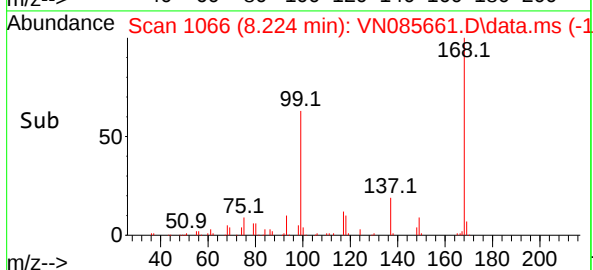
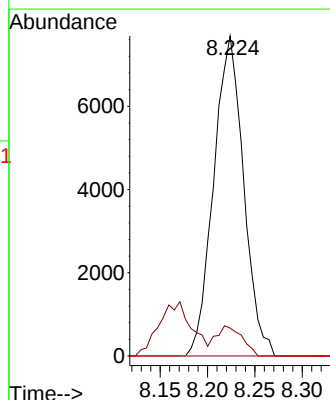
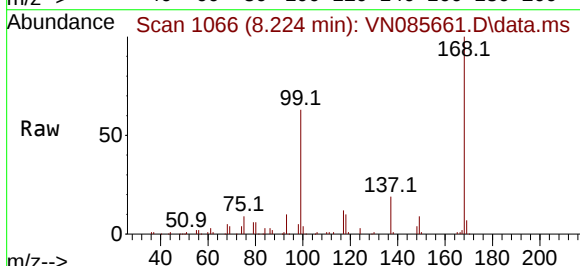
Tgt Ion: 75 Resp: 16886

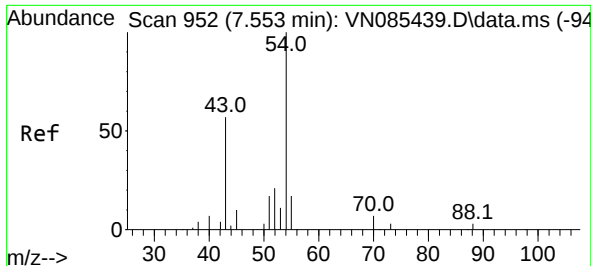
Ion Ratio Lower Upper

75 100

110 8.1 16.5 49.5#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.377 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.059 min

Lab File: VN085661.D

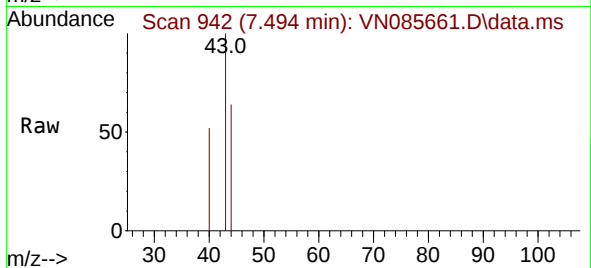
Acq: 04 Feb 2025 19:02

Instrument :

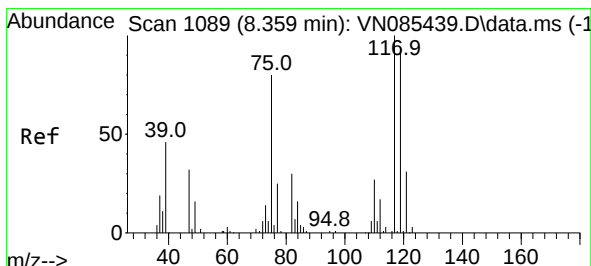
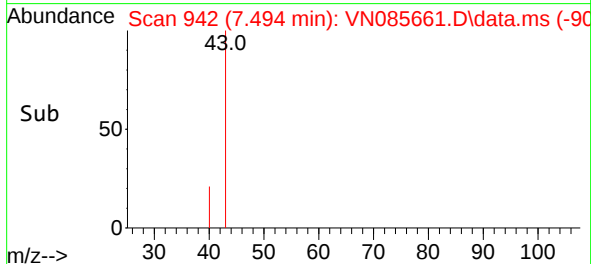
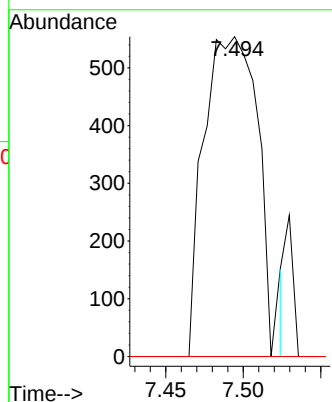
MSVOA_N

ClientSampleId :

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Tgt Ion: 43	Resp: 1371
Ion Ratio	Lower Upper
43	100
61	0.0 10.9 16.3#
70	0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.034 ug/l

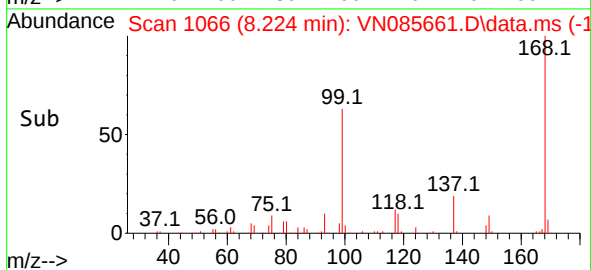
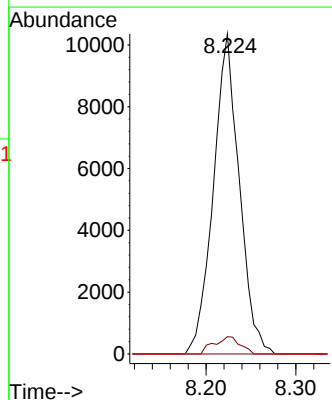
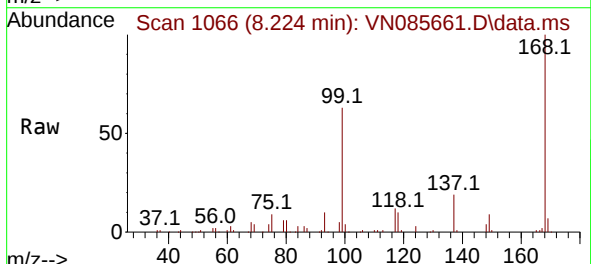
RT: 8.224 min Scan# 1066

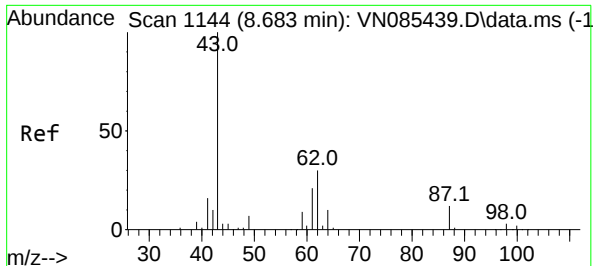
Delta R.T. -0.135 min

Lab File: VN085661.D

Acq: 04 Feb 2025 19:02

Tgt Ion: 117	Resp: 20746
Ion Ratio	Lower Upper
117	100
119	5.4 75.4 113.2#
121	0.0 24.6 37.0#

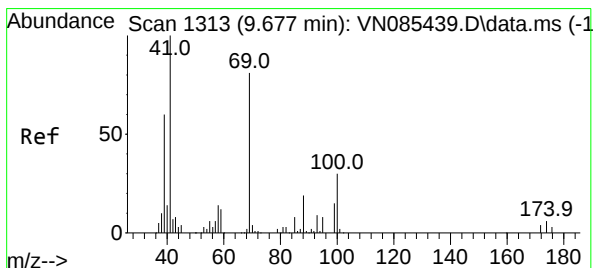
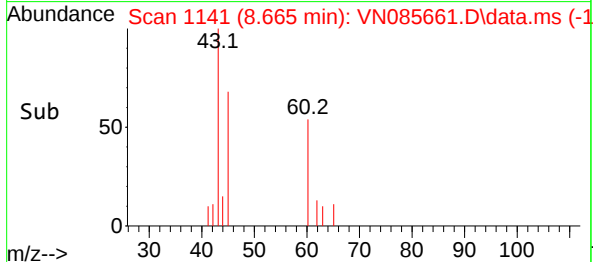
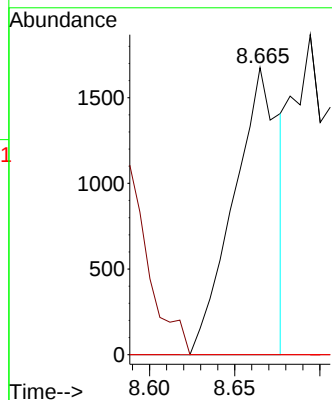
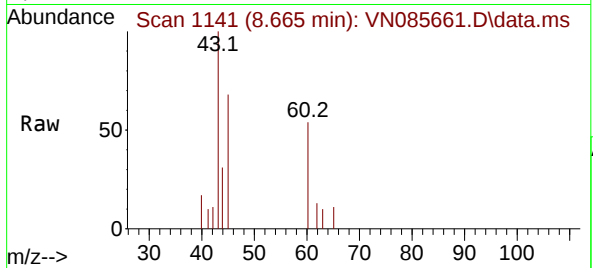




#43
Isopropyl Acetate
Concen: 0.529 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN085661.D
Acq: 04 Feb 2025 19:02

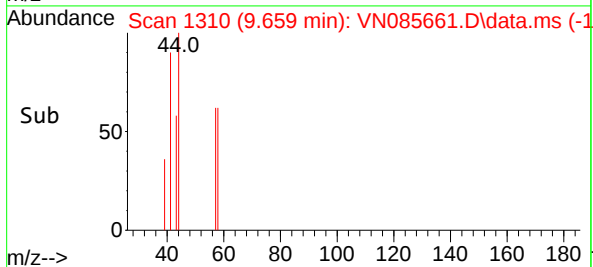
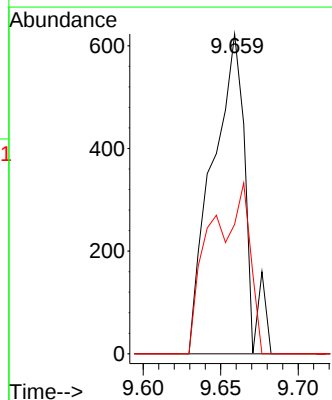
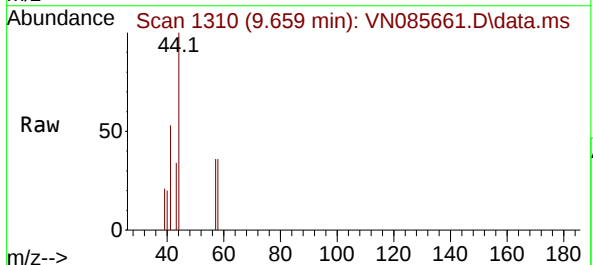
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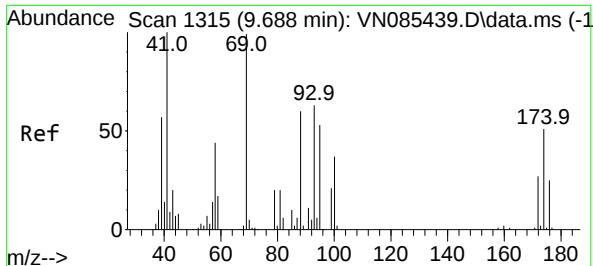
Tgt Ion: 43 Resp: 3083
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#48
Methyl methacrylate
Concen: 0.356 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.018 min
Lab File: VN085661.D
Acq: 04 Feb 2025 19:02

Tgt Ion: 41 Resp: 933
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 34.1 49.0 73.6#





#49

1,4-Dioxane

Concen: 4.940 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN085661.D

Acq: 04 Feb 2025 19:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-GW-460-462

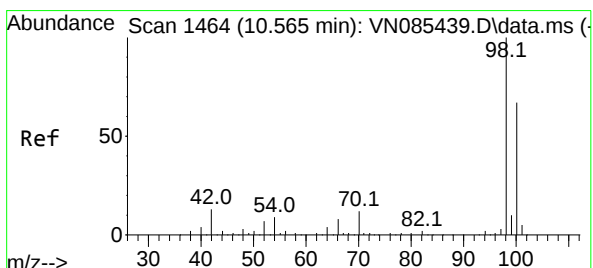
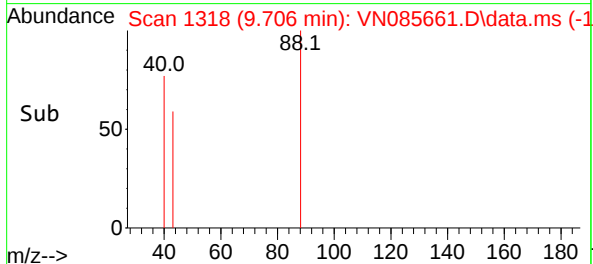
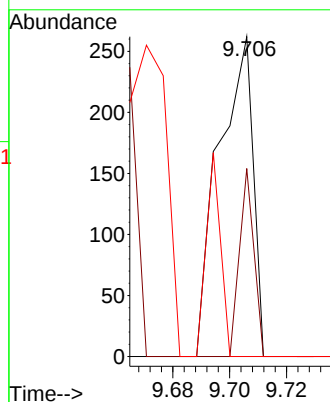
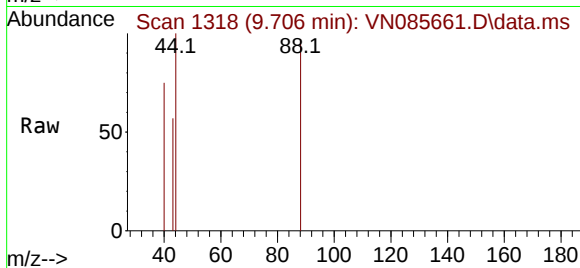
Tgt Ion: 88 Resp: 218

Ion Ratio Lower Upper

88 100

43 24.8 26.6 39.8#

58 27.1 59.5 89.3#



#50

Toluene-d8

Concen: 49.401 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085661.D

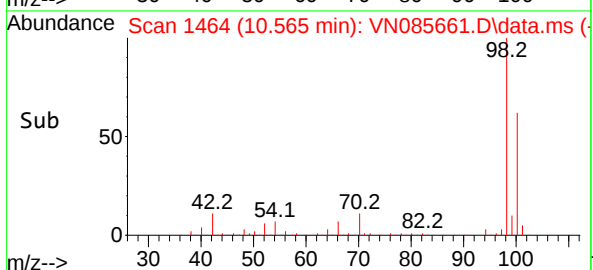
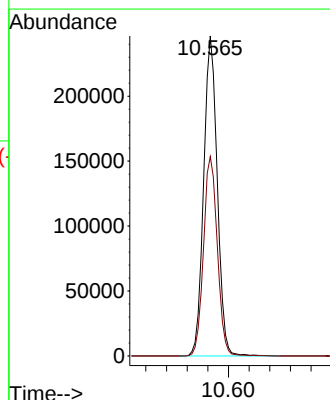
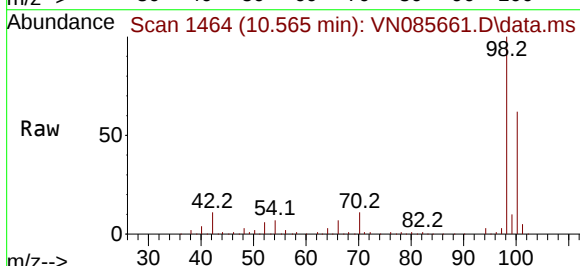
Acq: 04 Feb 2025 19:02

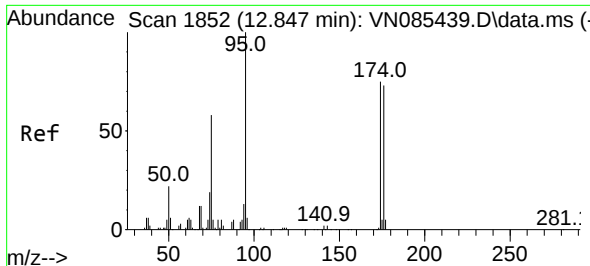
Tgt Ion: 98 Resp: 450233

Ion Ratio Lower Upper

98 100

100 63.2 52.2 78.4

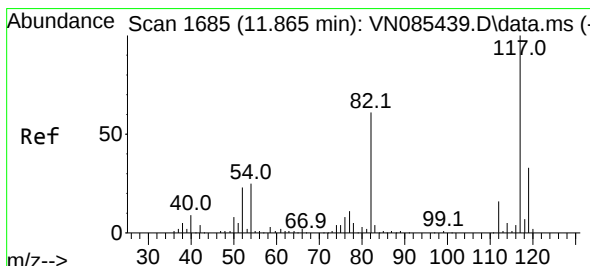
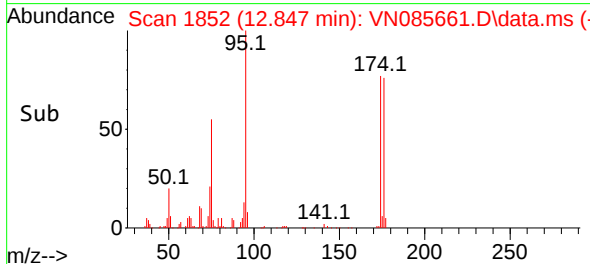
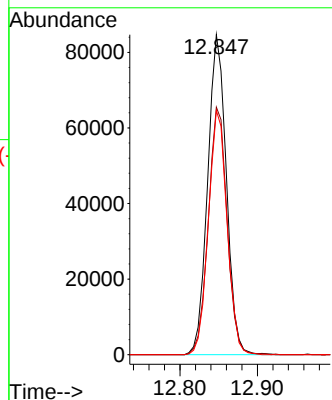
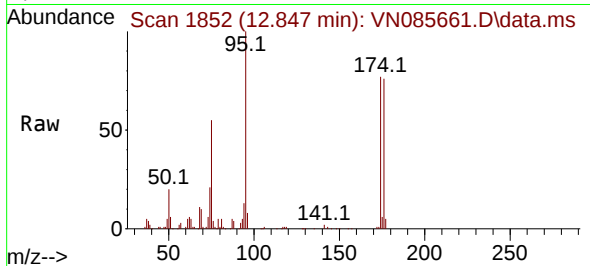




#62
4-Bromofluorobenzene
Concen: 45.595 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085661.D
Acq: 04 Feb 2025 19:02

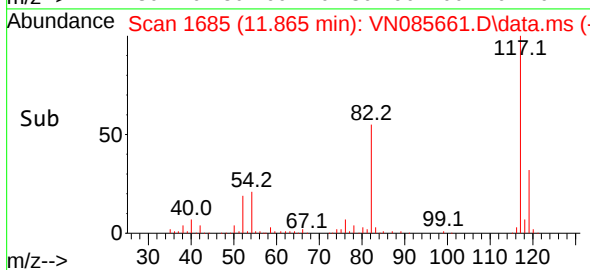
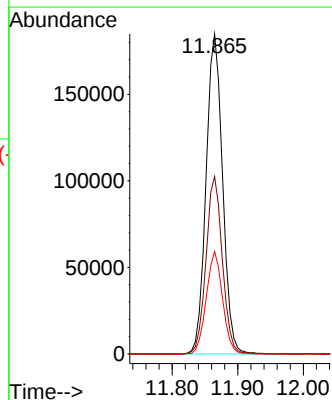
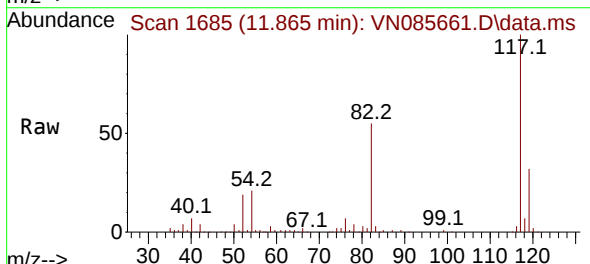
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-460-462

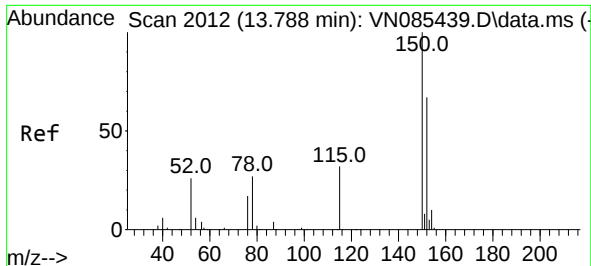
Tgt Ion: 95 Resp: 142147
Ion Ratio Lower Upper
95 100
174 78.0 0.0 145.0
176 76.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085661.D
Acq: 04 Feb 2025 19:02

Tgt Ion: 117 Resp: 324153
Ion Ratio Lower Upper
117 100
82 55.5 48.6 72.8
119 32.0 26.6 39.8

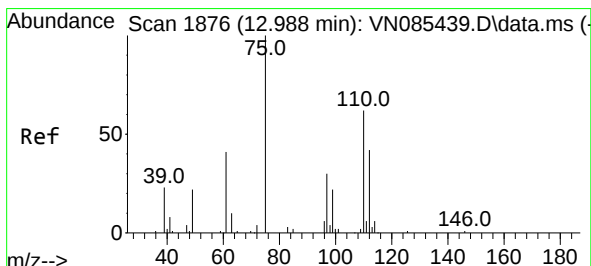
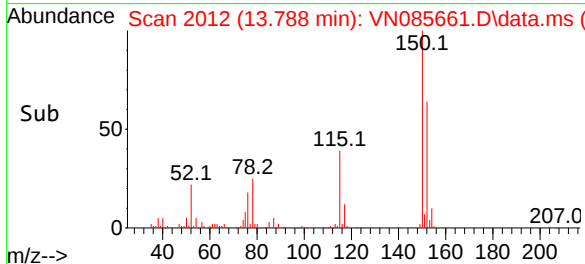
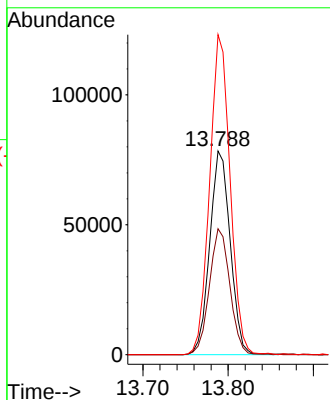
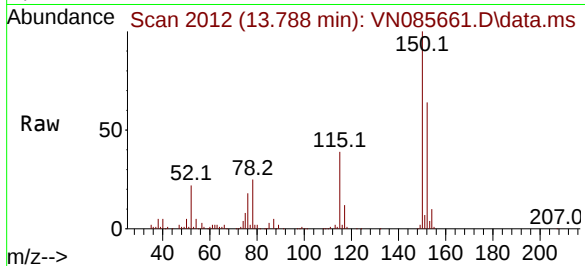




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085661.D
 Acq: 04 Feb 2025 19:02

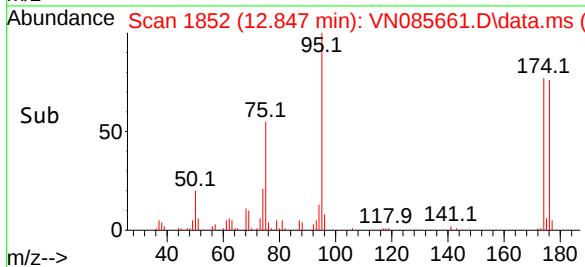
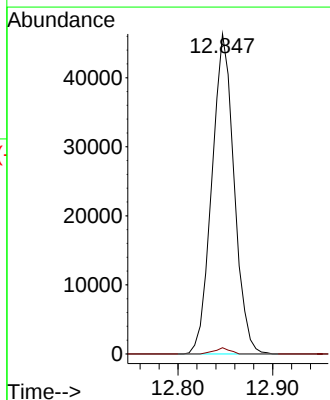
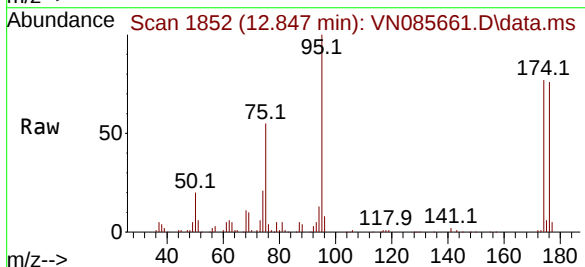
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-GW-460-462

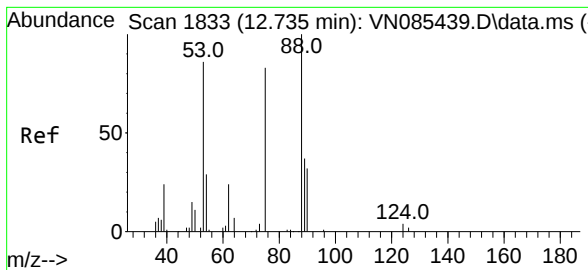
Tgt Ion:152 Resp: 131427
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.1 93.3
 150 156.5 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 28.273 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085661.D
 Acq: 04 Feb 2025 19:02

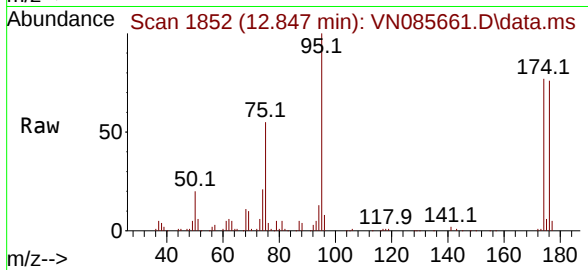
Tgt Ion: 75 Resp: 75526
 Ion Ratio Lower Upper
 75 100
 77 1.3 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.495 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085661.D
 Acq: 04 Feb 2025 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-GW-460-462



Tgt Ion: 75 Resp: 75526
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 37.0 55.6#

