

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011425\
 Data File : VN085444.D
 Acq On : 14 Jan 2025 17:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 15 02:20:25 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)

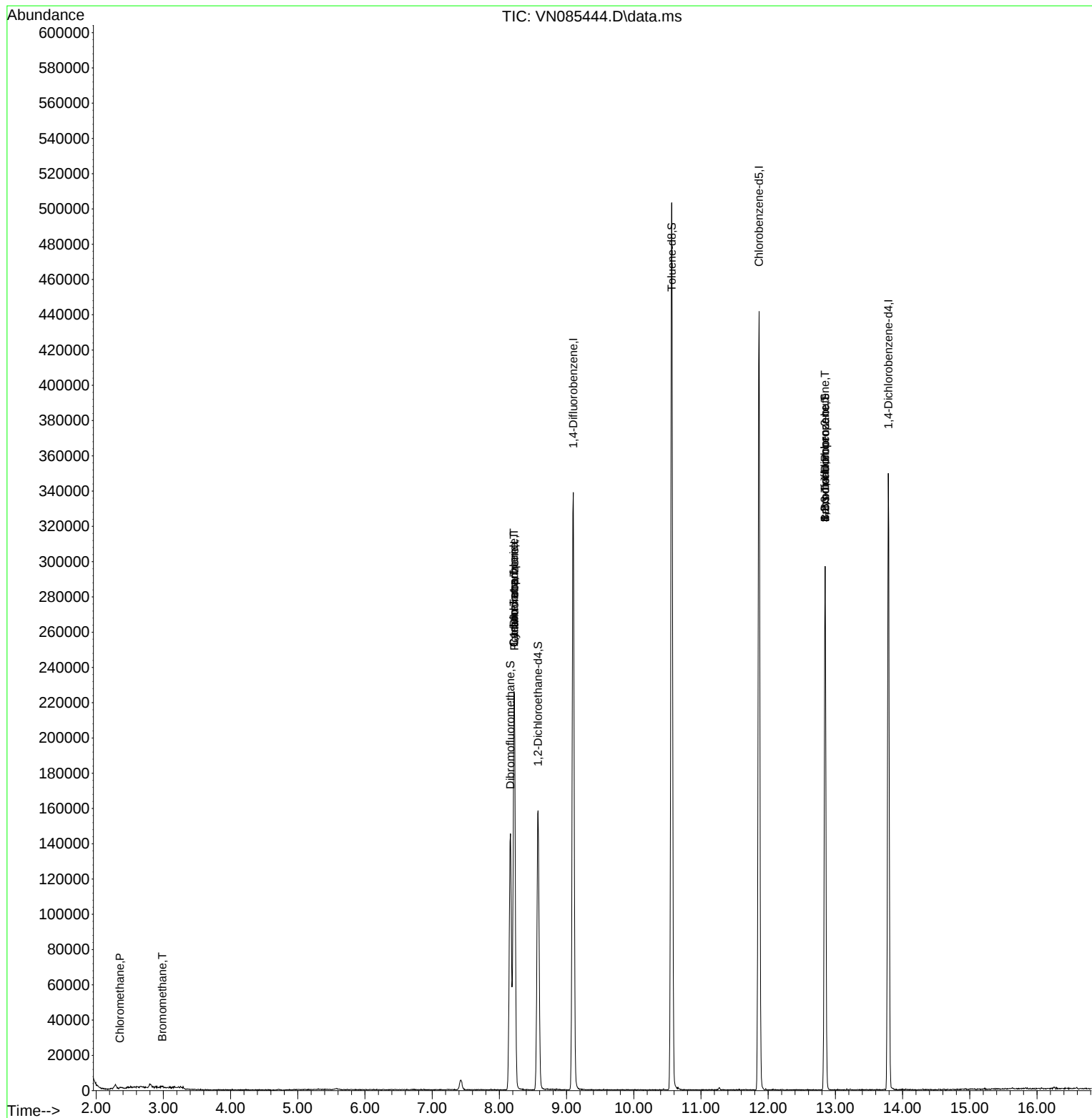
Internal Standards						
1) Pentafluorobenzene	8.224	168	153702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136365	54.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.920%			
35) Dibromofluoromethane	8.165	113	101523	53.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	10.565	98	335165	49.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.847	95	98696	42.412	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 84.820%			
Target Compounds						Qvalue
3) Chloromethane	2.354	50	594	0.264	ug/l #	41
5) Bromomethane	2.983	94	475	0.347	ug/l #	66
31) Cyclohexane	8.218	56	4278	1.359	ug/l #	8
36) 1,1-Dichloropropene	8.218	75	15176	5.648	ug/l #	49
38) Carbon Tetrachloride	8.218	117	18220	5.922	ug/l #	17
71) Bromoform	12.847	173	786	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	55825	30.961	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	55825	83.767	ug/l #	3

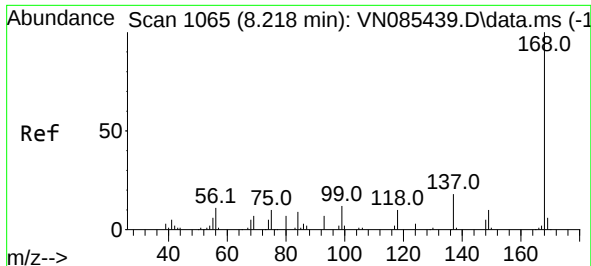
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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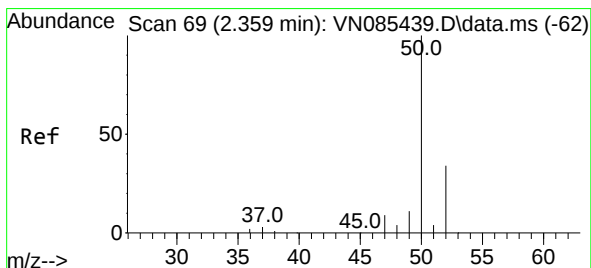
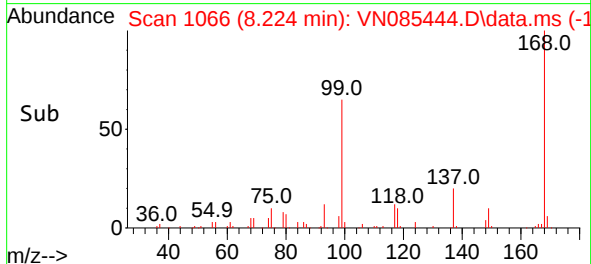
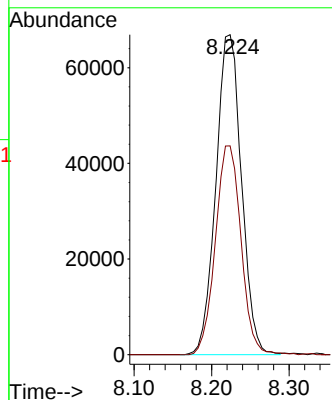
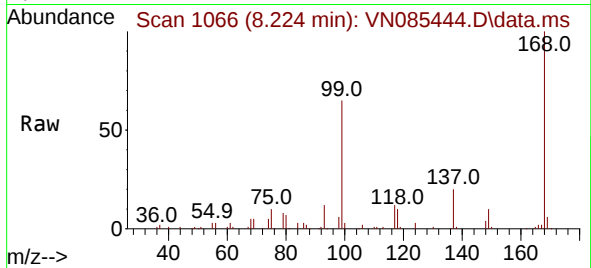




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

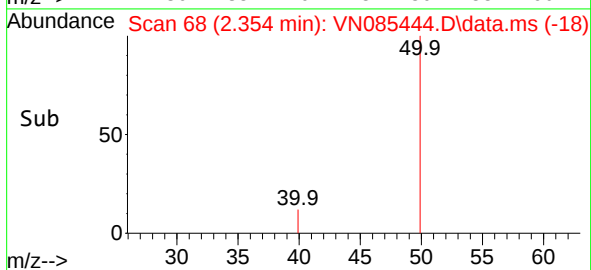
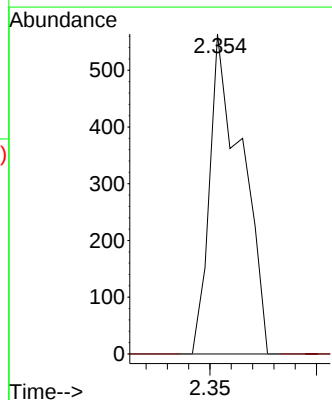
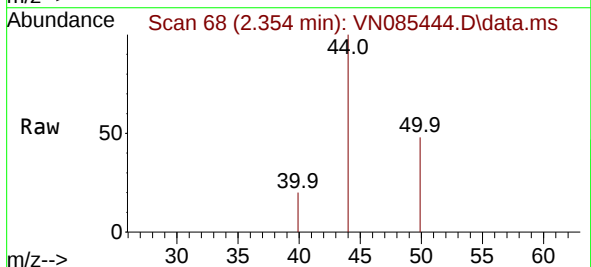
Instrument :
MSVOA_N
ClientSampleId :
IBLK

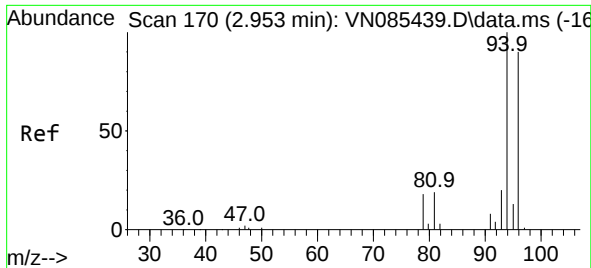
Tgt Ion:168 Resp: 153702
Ion Ratio Lower Upper
168 100
99 65.2 53.6 80.4



#3
Chloromethane
Concen: 0.264 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

Tgt Ion: 50 Resp: 594
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

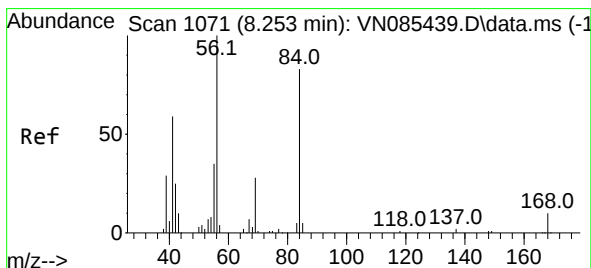
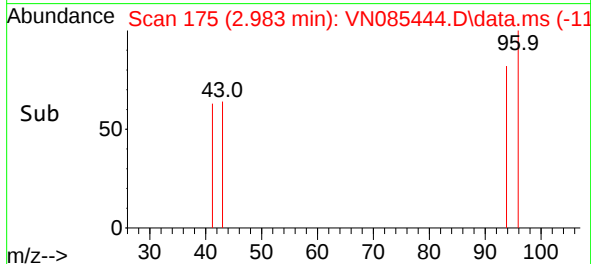
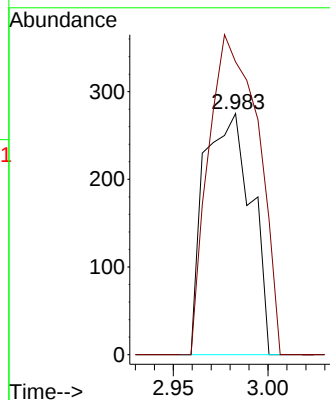
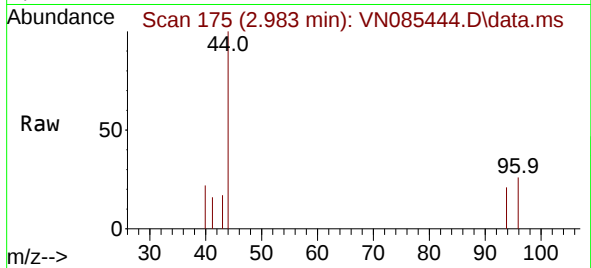




#5
Bromomethane
Concen: 0.347 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

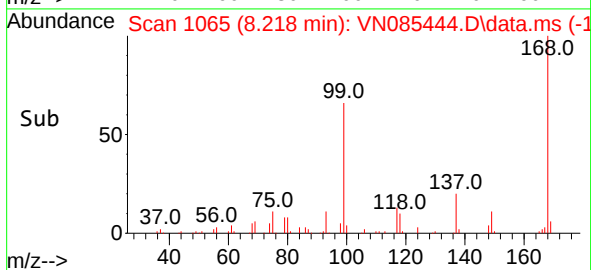
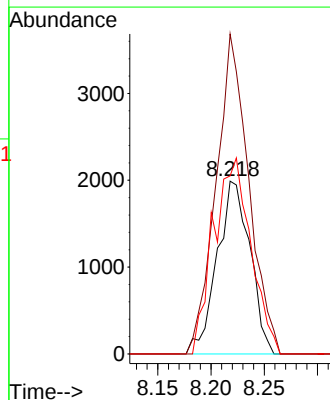
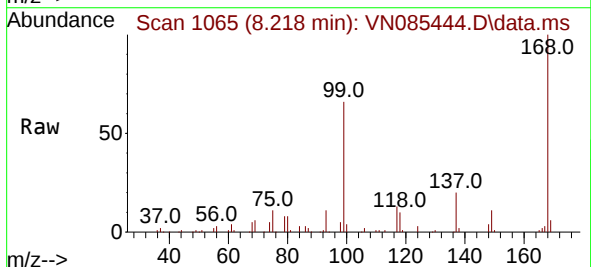
Instrument :
MSVOA_N
ClientSampleId :
IBLK

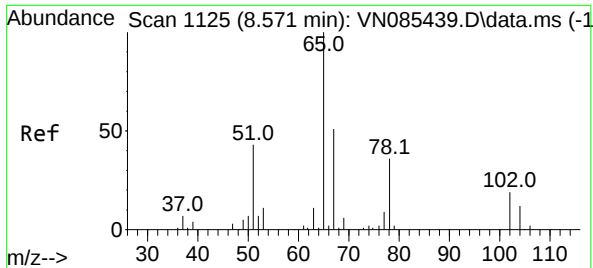
Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 121.5 71.8 107.6#



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

Tgt Ion: 56 Resp: 4278
Ion Ratio Lower Upper
56 100
69 185.2 22.2 33.4#
84 103.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.962 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085444.D

Acq: 14 Jan 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

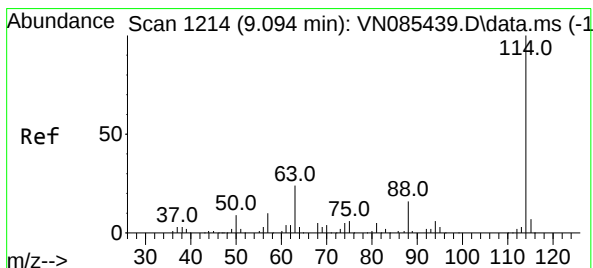
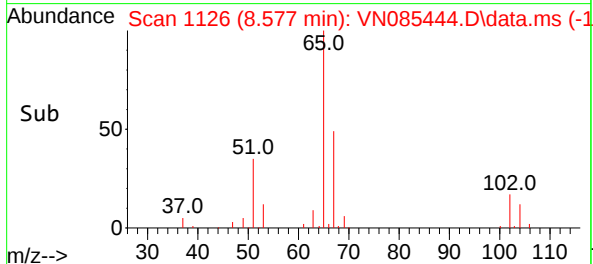
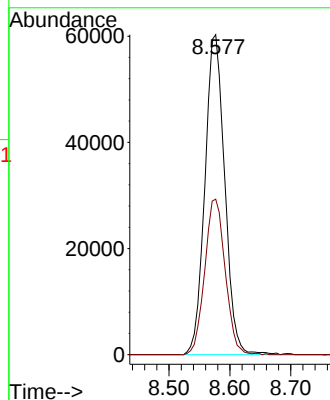
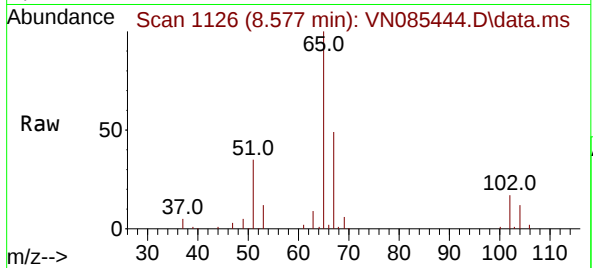
IBLK

Tgt Ion: 65 Resp: 136365

Ion Ratio Lower Upper

65 100

67 50.2 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: VN085444.D

Acq: 14 Jan 2025 17:42

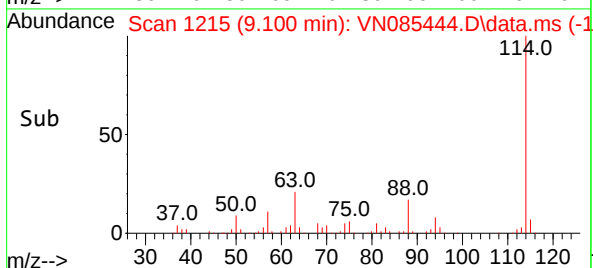
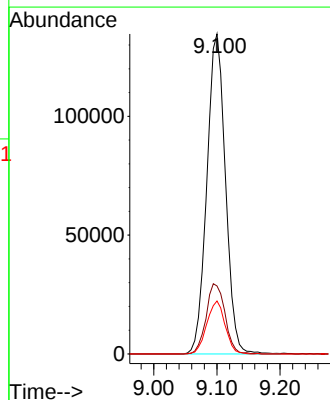
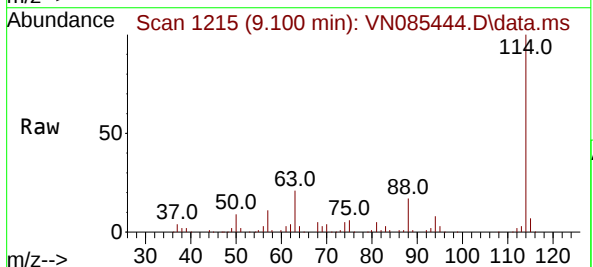
Tgt Ion: 114 Resp: 275988

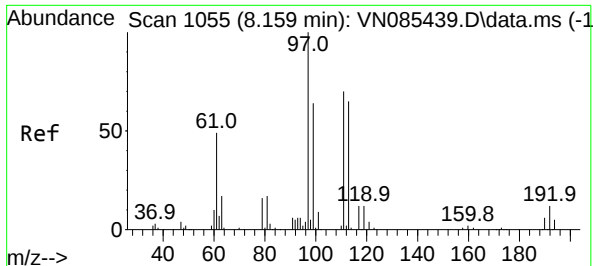
Ion Ratio Lower Upper

114 100

63 21.2 0.0 47.6

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.024 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085444.D

Acq: 14 Jan 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

IBLK

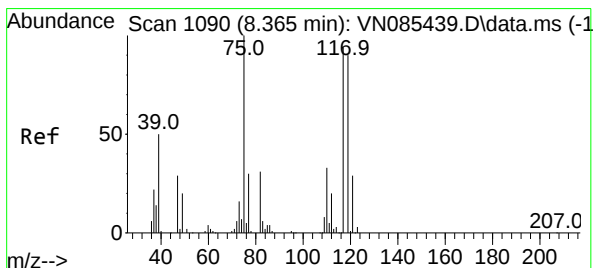
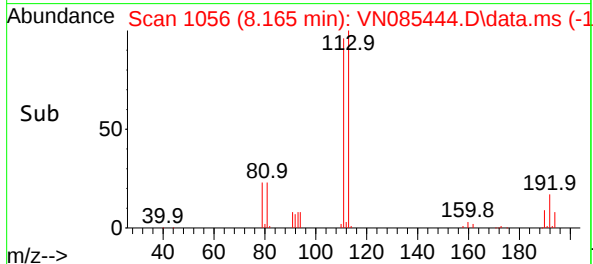
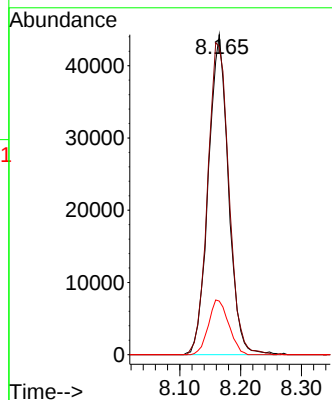
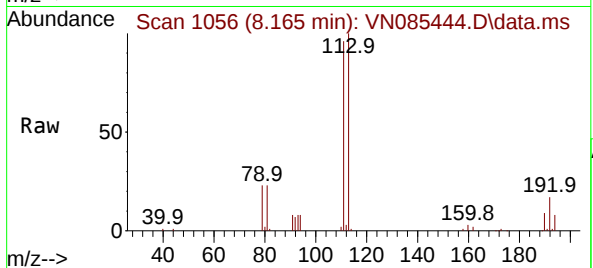
Tgt Ion:113 Resp: 101523

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.648 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085444.D

Acq: 14 Jan 2025 17:42

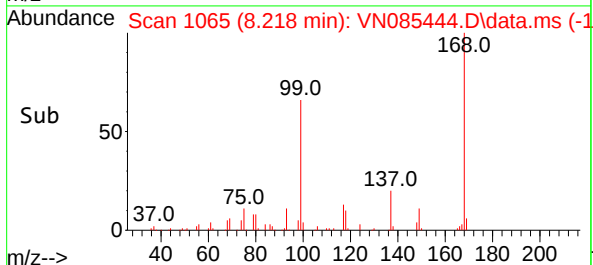
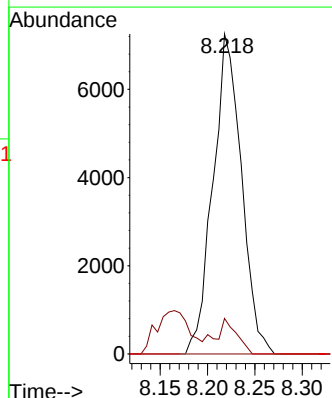
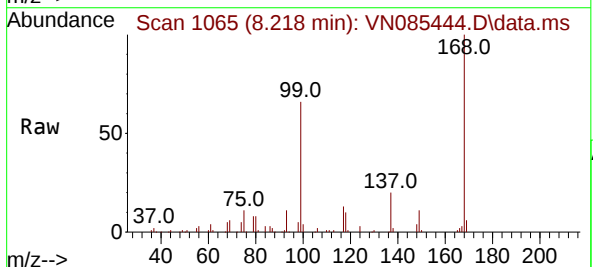
Tgt Ion: 75 Resp: 15176

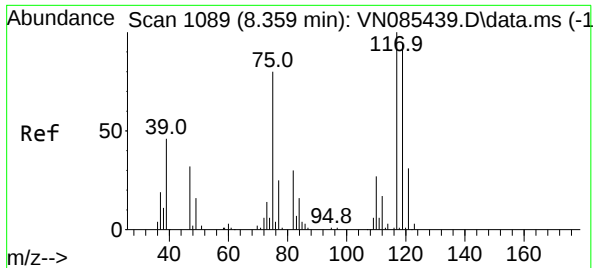
Ion Ratio Lower Upper

75 100

110 6.4 16.5 49.5#

77 0.0 24.4 36.6#

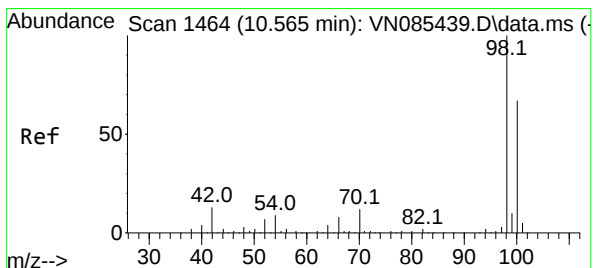
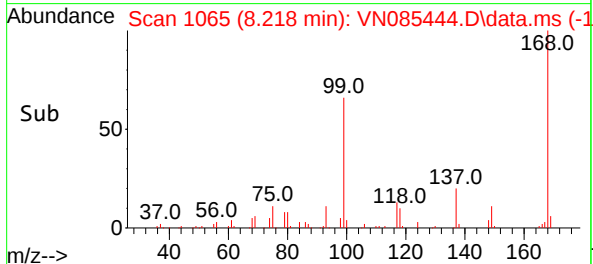
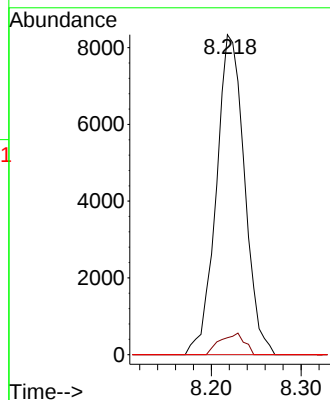
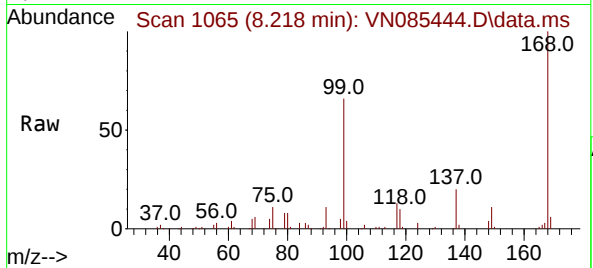




#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

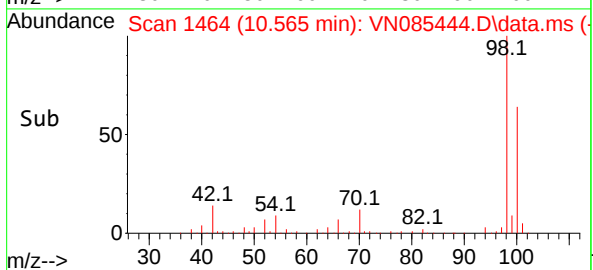
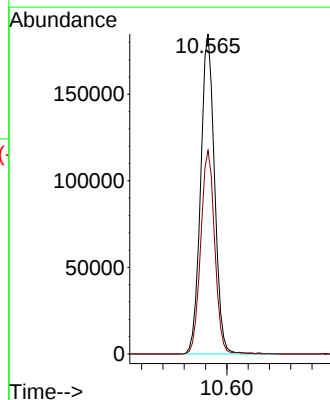
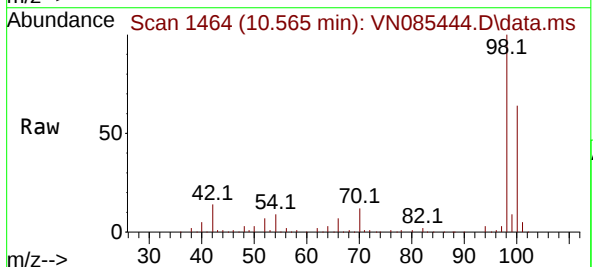
Instrument :
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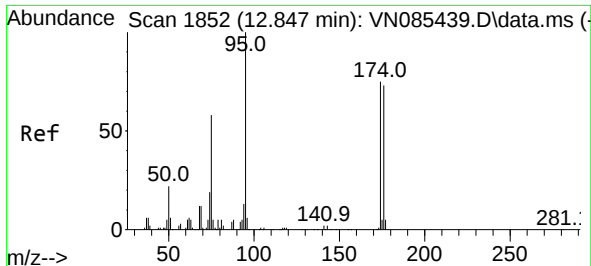
Tgt Ion:117 Resp: 18220
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.269 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

Tgt Ion: 98 Resp: 335165
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4

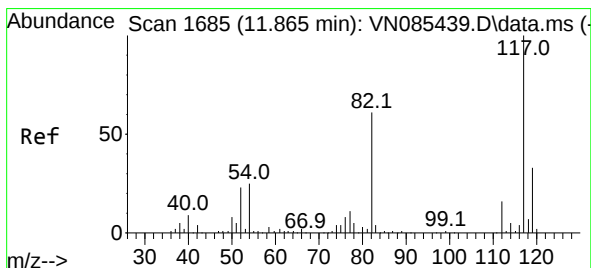
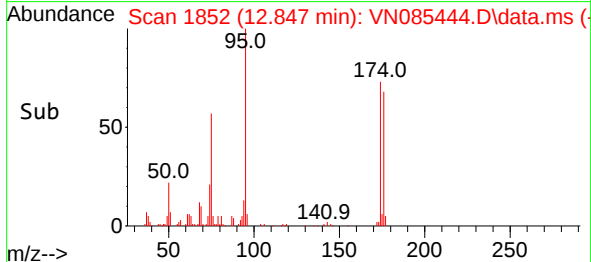
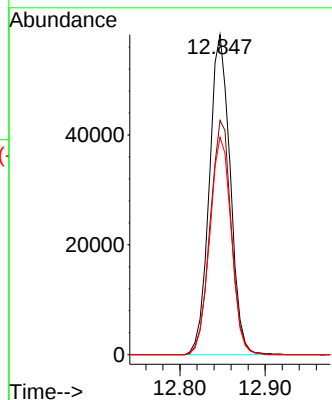
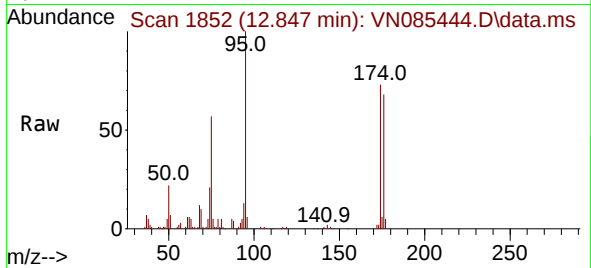




#62
4-Bromofluorobenzene
Concen: 42.412 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

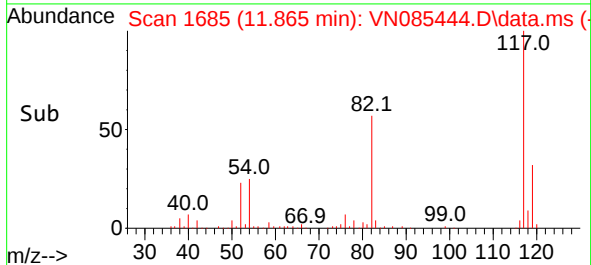
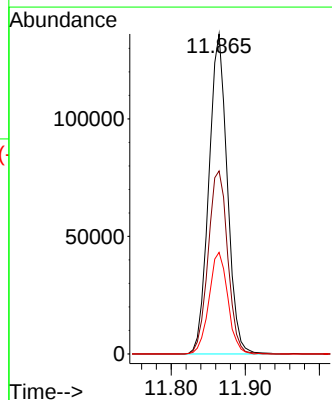
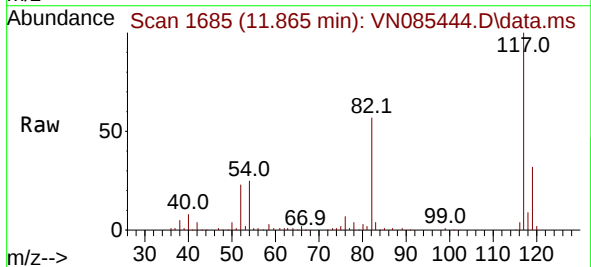
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MSVOA_N
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IBLK

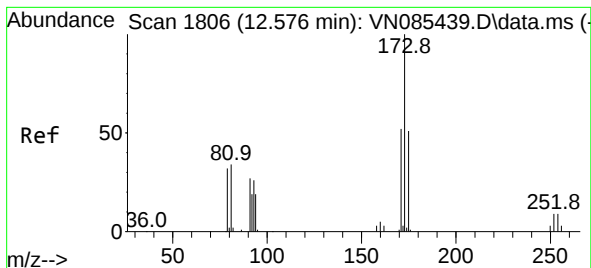
Tgt Ion: 95 Resp: 98696
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.0
176 70.4 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

Tgt Ion: 117 Resp: 234940
Ion Ratio Lower Upper
117 100
82 57.2 48.6 72.8
119 31.8 26.6 39.8





#71

Bromoform

Concen: 0.582 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN085444.D

Acq: 14 Jan 2025 17:42

Instrument :

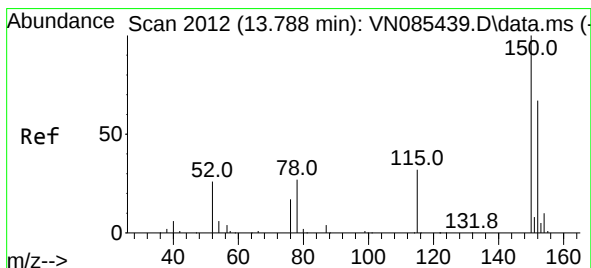
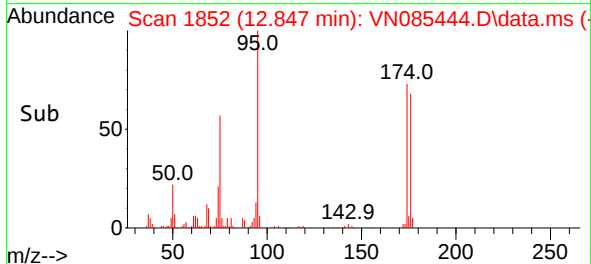
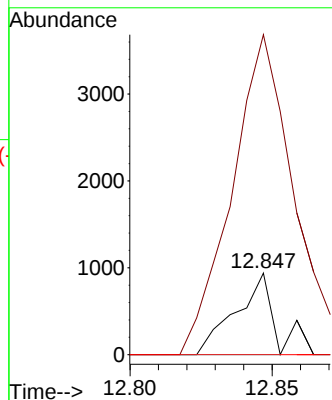
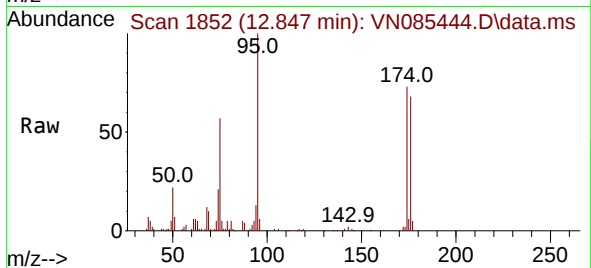
MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:173 Resp: 786

Ion	Ratio	Lower	Upper
173	100		
175	565.3	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

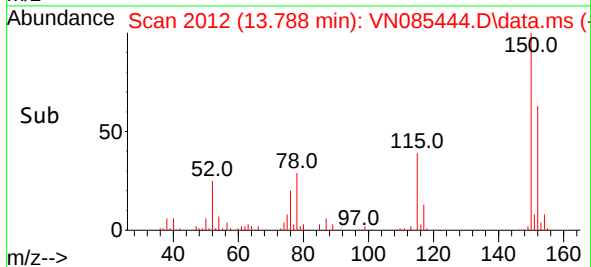
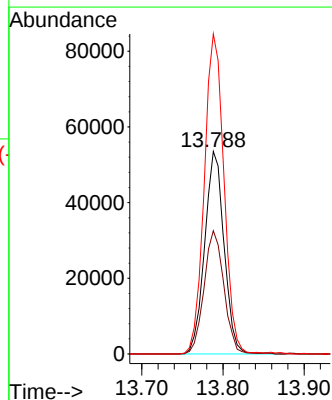
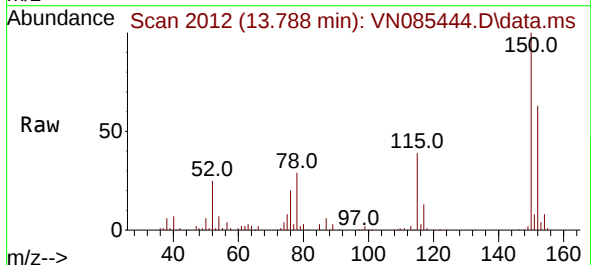
Delta R.T. 0.000 min

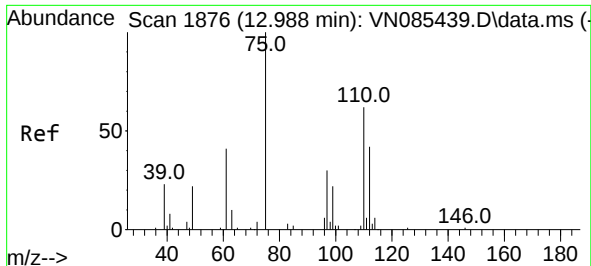
Lab File: VN085444.D

Acq: 14 Jan 2025 17:42

Tgt Ion:152 Resp: 88711

Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.1	93.3
150	159.6	0.0	343.6

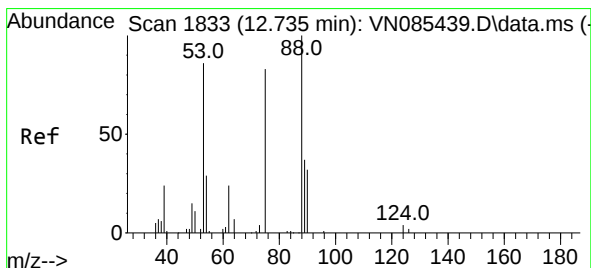
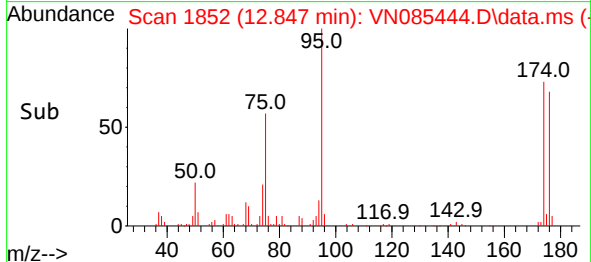
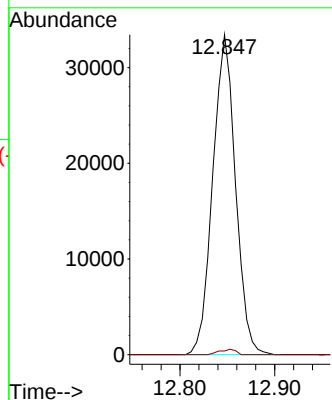
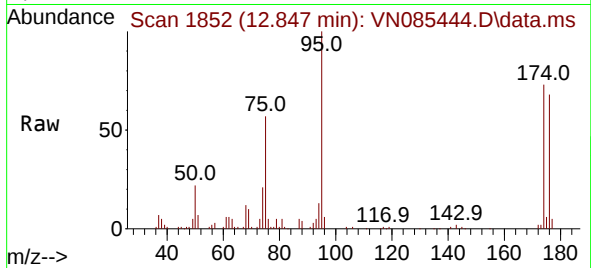




#76
 1,2,3-Trichloropropane
 Concen: 30.961 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085444.D
 Acq: 14 Jan 2025 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 55825
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.767 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085444.D
 Acq: 14 Jan 2025 17:42

Tgt Ion: 75 Resp: 55825
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 37.0 55.6#

