

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086239.D
 Acq On : 07 Apr 2025 16:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 08 04:25:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 04:20:42 2025
 Response via : Initial Calibration

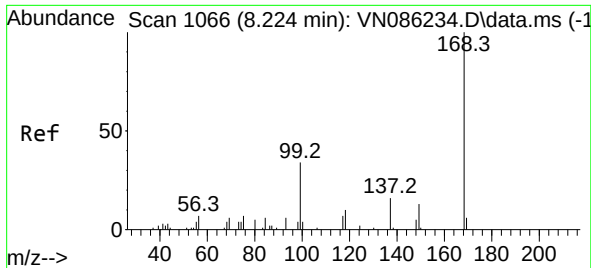
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	134578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	230313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94485	55.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.000%
35) Dibromofluoromethane	8.165	113	66517	57.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.280%
50) Toluene-d8	10.565	98	280871	58.291	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	116.580%#
62) 4-Bromofluorobenzene	12.847	95	95879	56.303	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	542	0.411	ug/l #	33
13) Acrolein	4.195	56	58	0.243	ug/l #	33
16) Acetone	4.442	43	1135	2.910	ug/l #	77
17) Carbon Disulfide	4.724	76	910	0.313	ug/l #	77
31) Cyclohexane	8.218	56	2482	1.558	ug/l #	2
36) 1,1-Dichloropropene	8.224	75	9655	7.611	ug/l #	55
38) Carbon Tetrachloride	8.218	117	13716	8.367	ug/l #	16
43) Isopropyl Acetate	8.677	43	550	0.207	ug/l #	54
51) 4-Methyl-2-Pentanone	10.571	43	979	0.887	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	49588	37.115	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	49588	119.630	ug/l #	13

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

Quant Time: Apr 08 04:25:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 08 04:20:42 2025
Response via : Initial Calibration

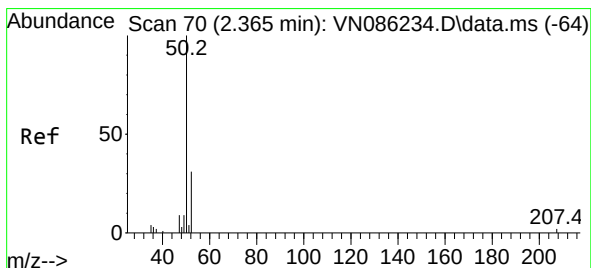
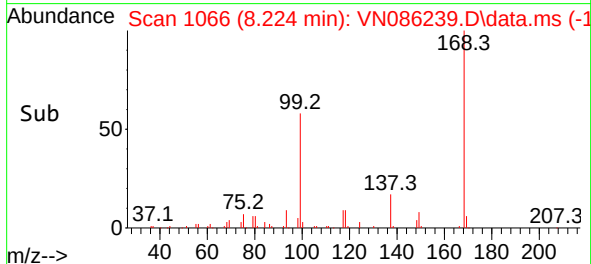
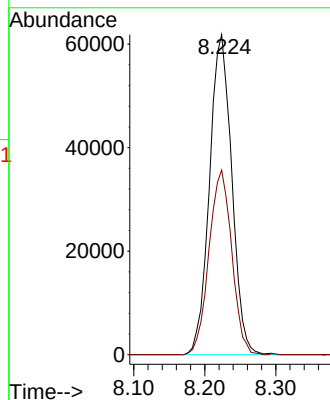
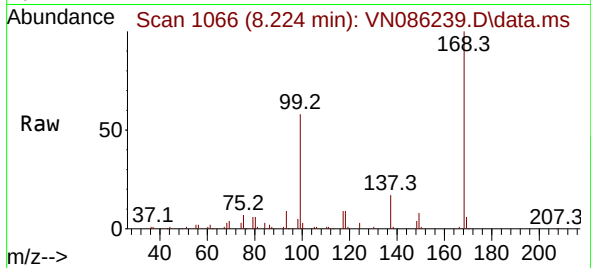




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

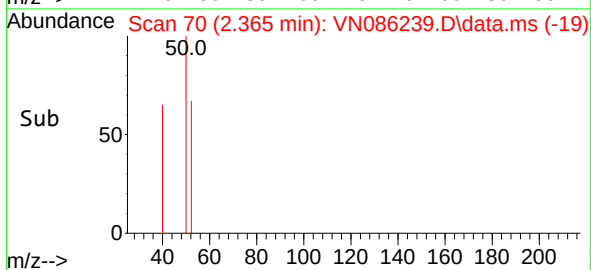
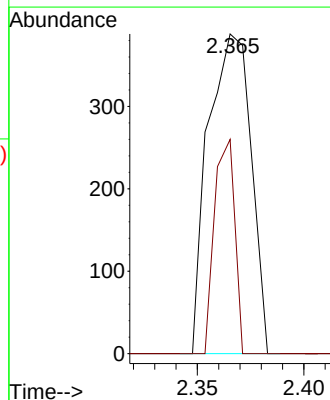
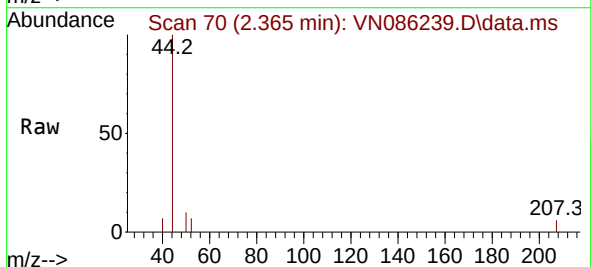
Instrument :
MSVOA_N
ClientSampleId :
IBLK

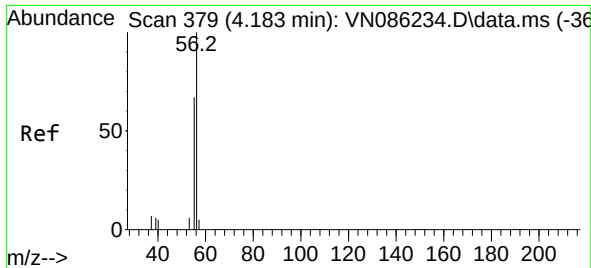
Tgt Ion:168 Resp: 134578
Ion Ratio Lower Upper
168 100
99 57.7 43.8 65.8



#3
Chloromethane
Concen: 0.411 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

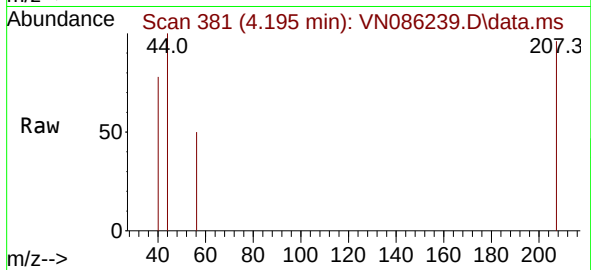
Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 67.0 24.5 36.7#



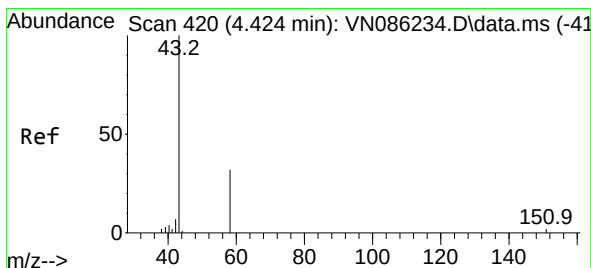
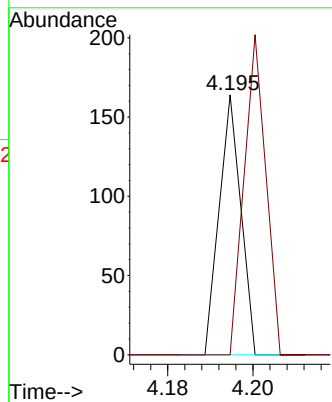
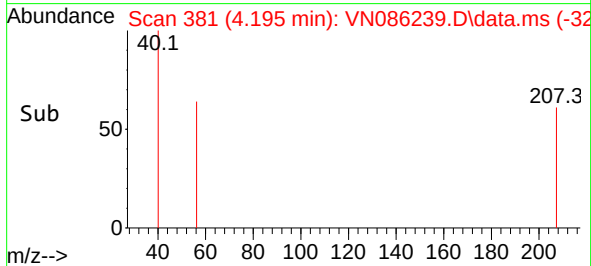


#13
Acrolein
Concen: 0.243 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

Instrument :
MSVOA_N
ClientSampleId :
IBLK

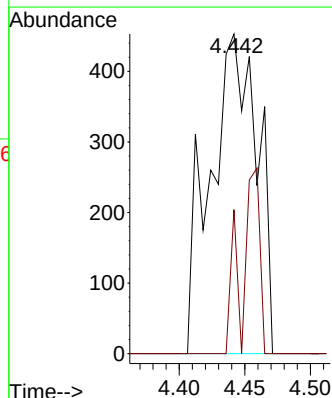
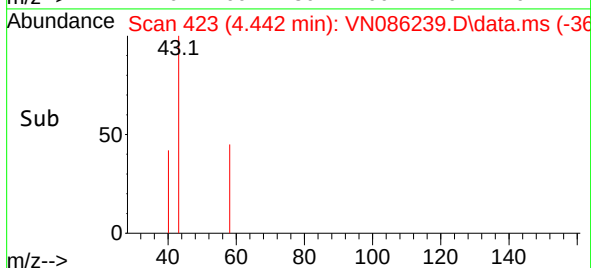
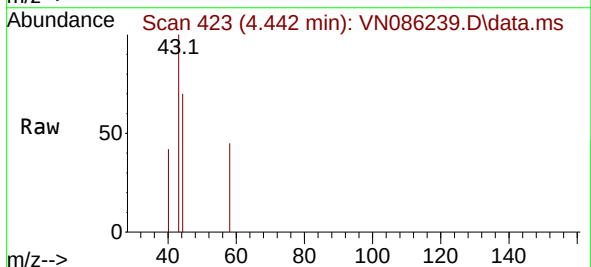


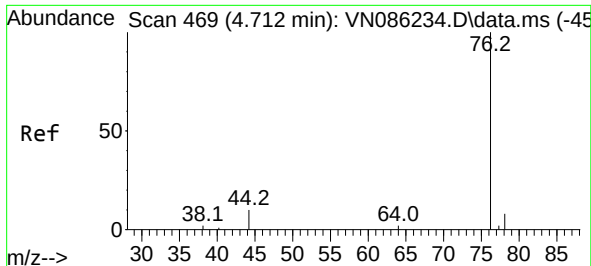
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 122.4 54.6 82.0#



#16
Acetone
Concen: 2.910 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 45.0 25.8 38.6#

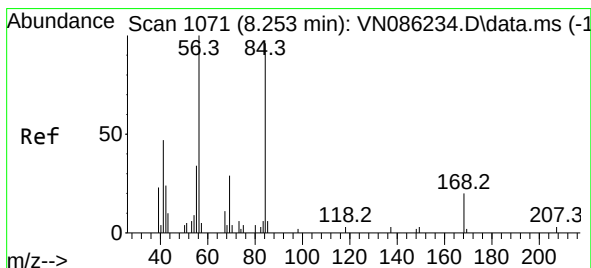
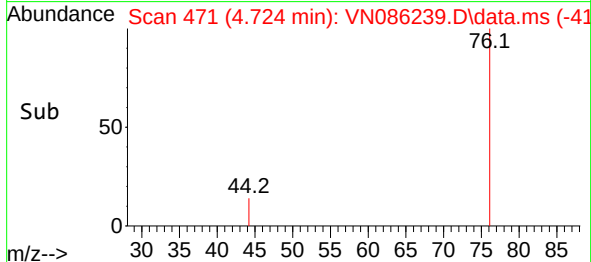
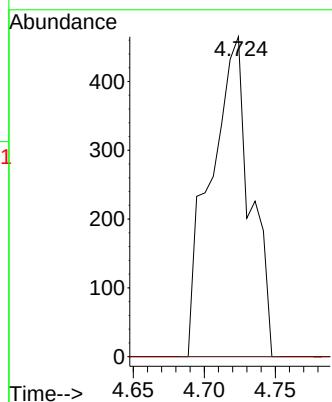
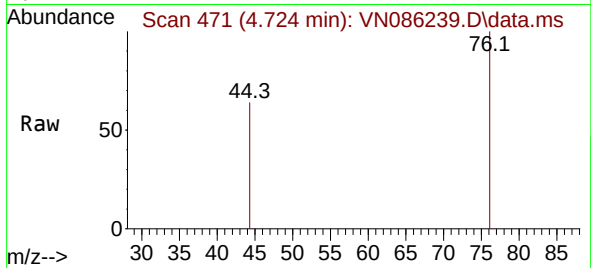




#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

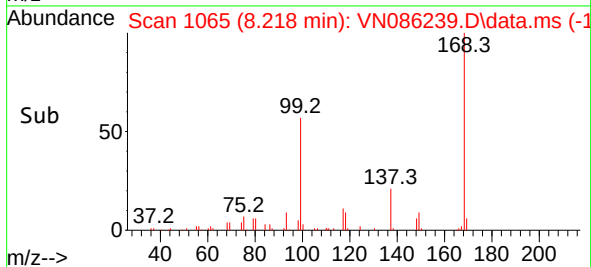
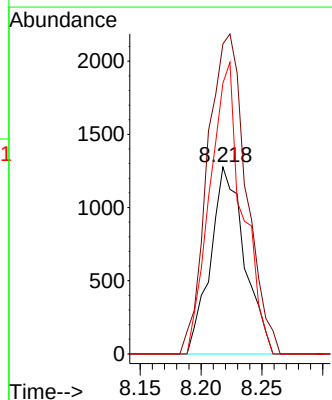
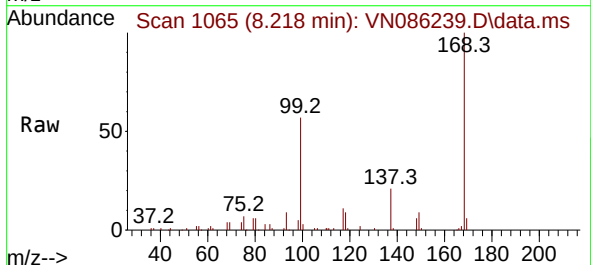
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MSVOA_N
ClientSampleId :
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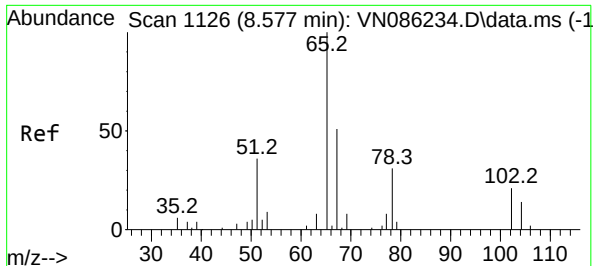
Tgt Ion: 76 Resp: 910
Ion Ratio Lower Upper
76 100
78 0.0 6.6 10.0#



#31
Cyclohexane
Concen: 1.558 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

Tgt Ion: 56 Resp: 2482
Ion Ratio Lower Upper
56 100
69 165.9 23.1 34.7#
84 144.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 55.501 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086239.D

Acq: 07 Apr 2025 16:22

Instrument :

MSVOA_N

ClientSampleId :

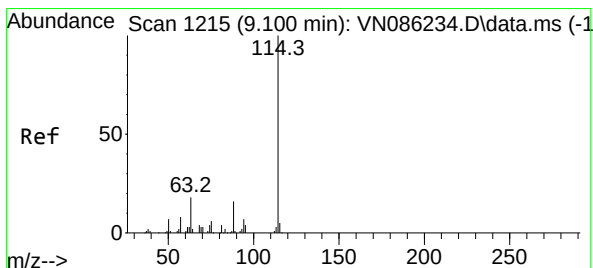
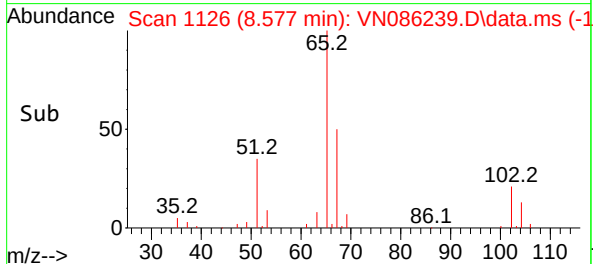
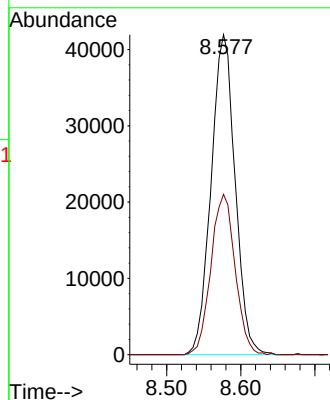
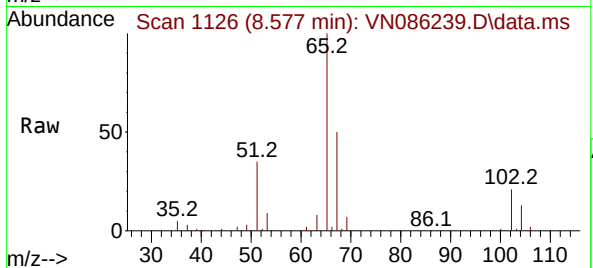
IBLK

Tgt Ion: 65 Resp: 94485

Ion Ratio Lower Upper

65 100

67 50.5 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086239.D

Acq: 07 Apr 2025 16:22

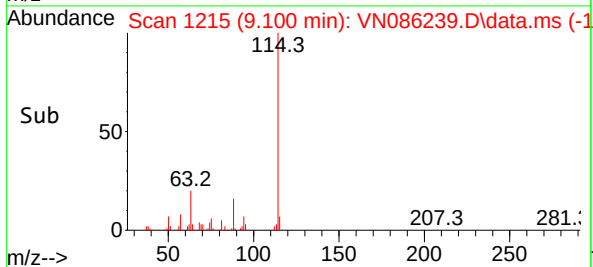
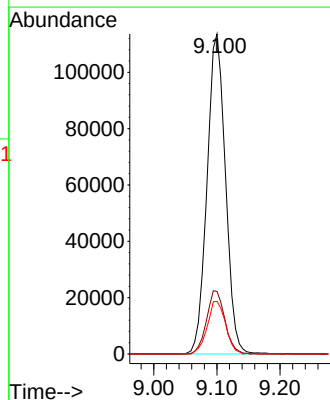
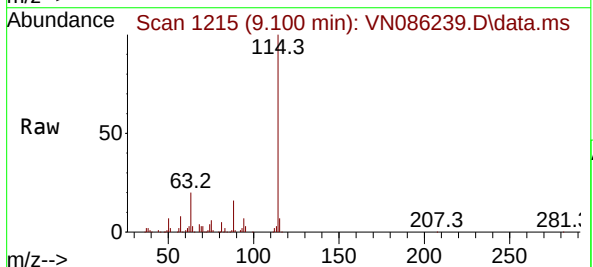
Tgt Ion: 114 Resp: 230313

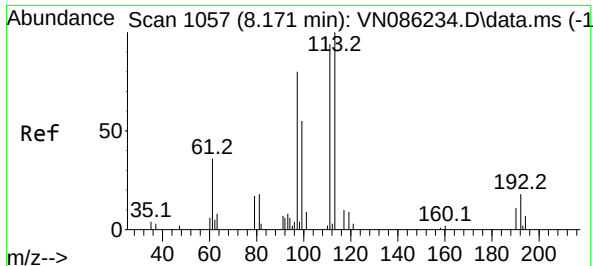
Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.6

88 16.4 0.0 31.2

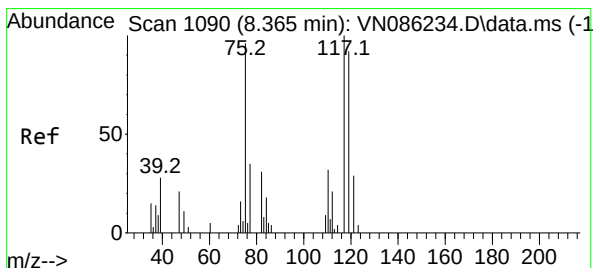
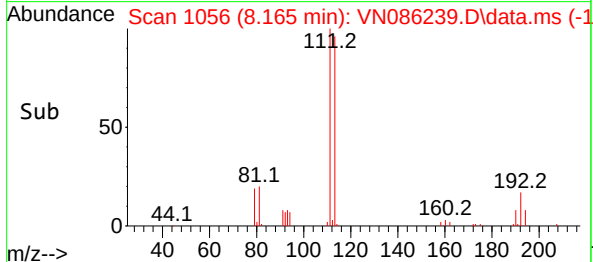
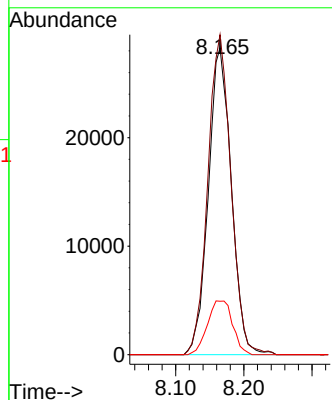
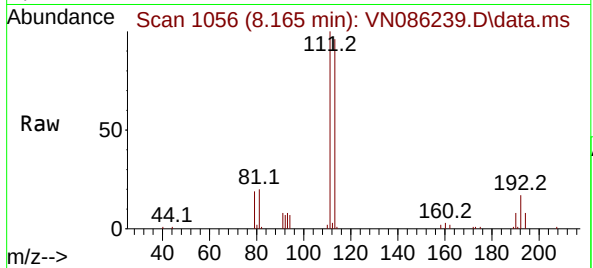




#35
Dibromofluoromethane
Concen: 57.141 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

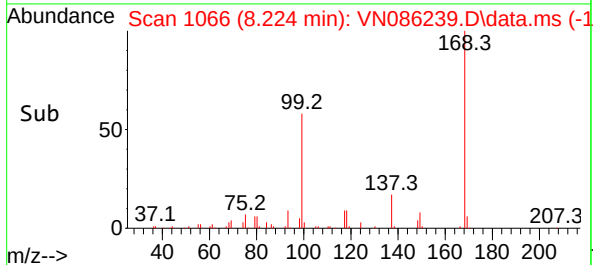
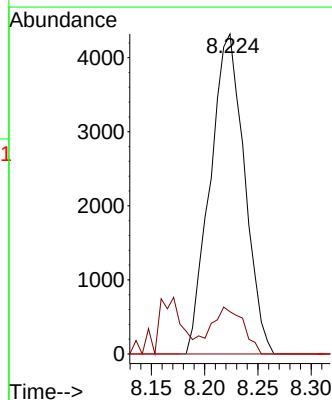
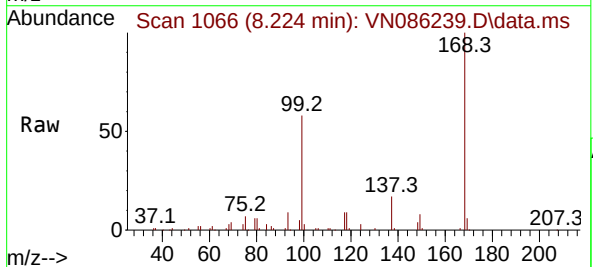
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MSVOA_N
ClientSampleId :
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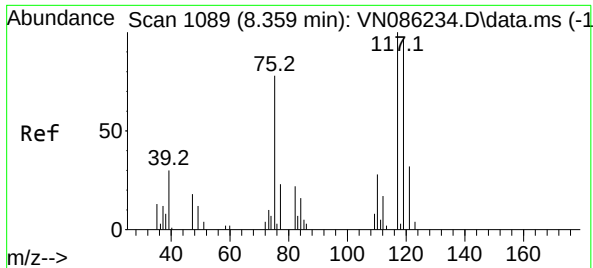
Tgt Ion:113 Resp: 66517
Ion Ratio Lower Upper
113 100
111 104.8 84.2 126.2
192 19.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 7.611 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

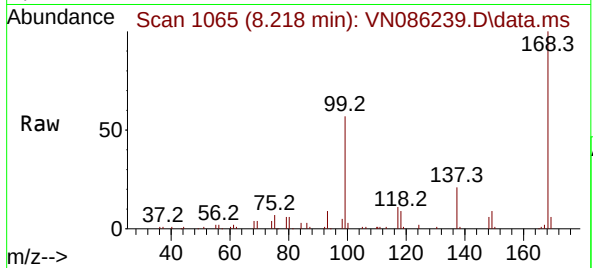
Tgt Ion: 75 Resp: 9655
Ion Ratio Lower Upper
75 100
110 12.6 16.9 50.7#
77 0.0 23.0 34.4#



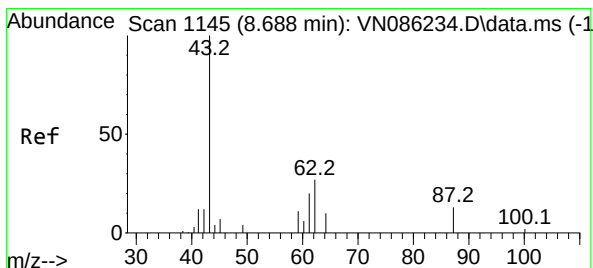
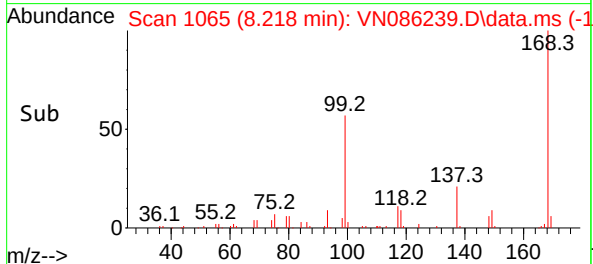
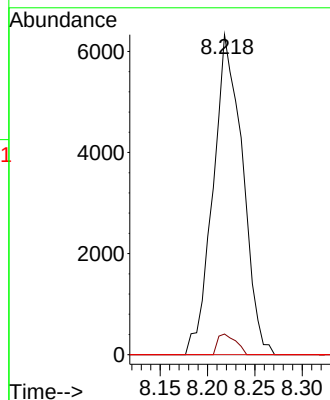


#38
Carbon Tetrachloride
Concen: 8.367 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

Instrument :
MSVOA_N
ClientSampleId :
IBLK

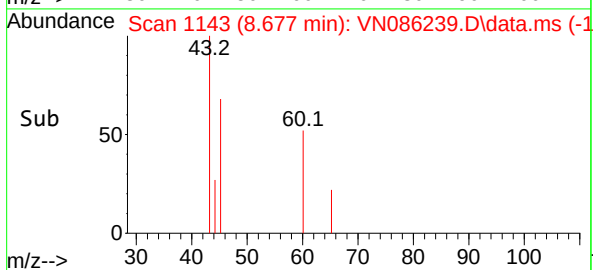
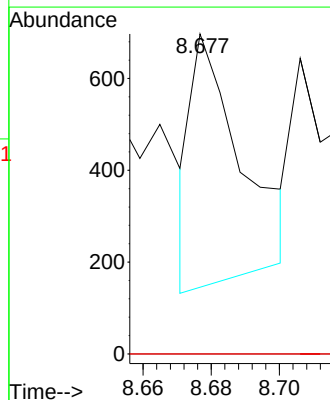
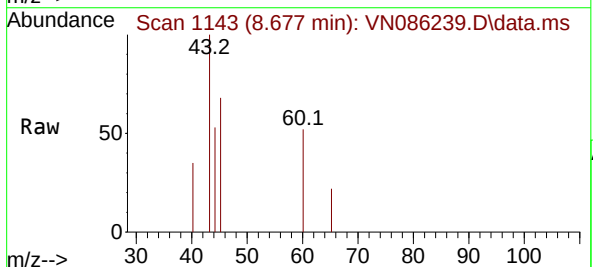


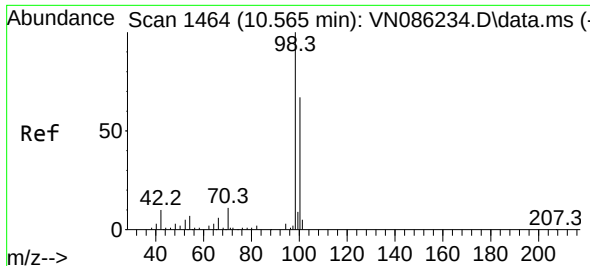
Tgt Ion:117 Resp: 13716
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 0.207 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
61 0.0 21.4 32.0#
87 0.0 11.4 17.0#

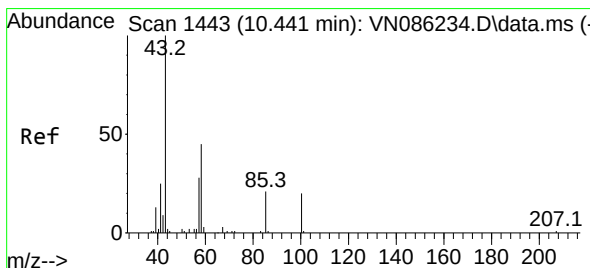
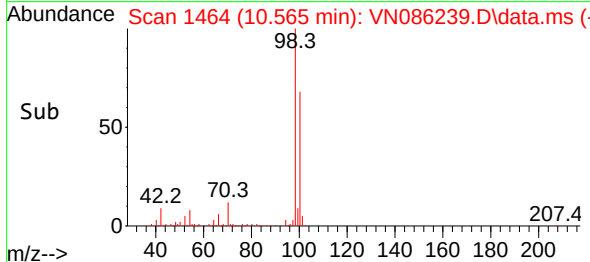
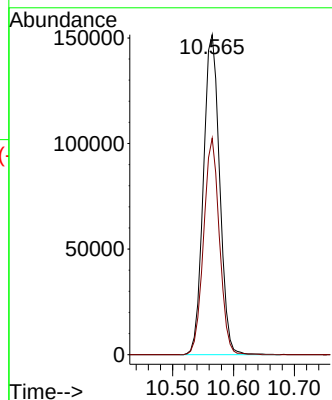
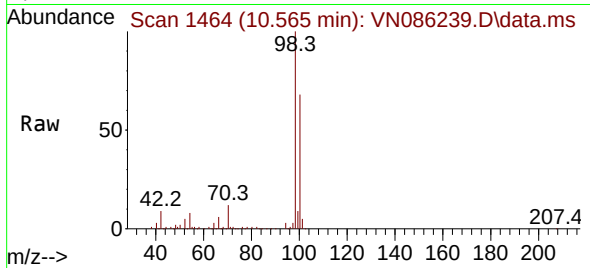




#50
Toluene-d8
Concen: 58.291 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

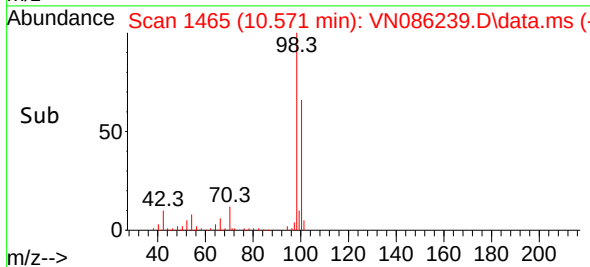
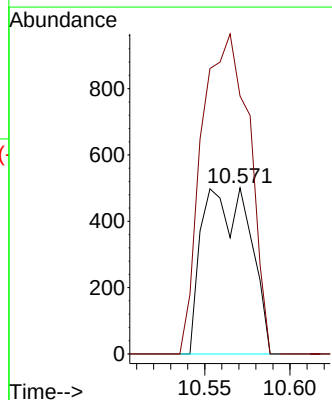
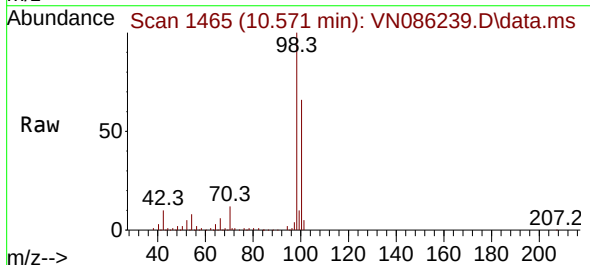
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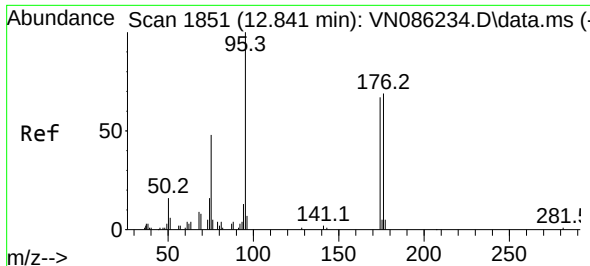
Tgt Ion: 98 Resp: 280871
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.887 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 191.1 36.2 54.4#

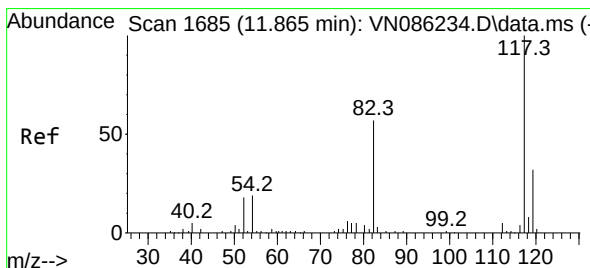
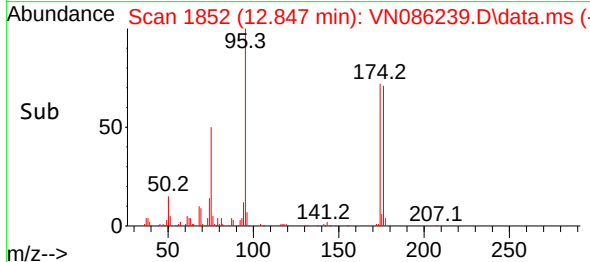
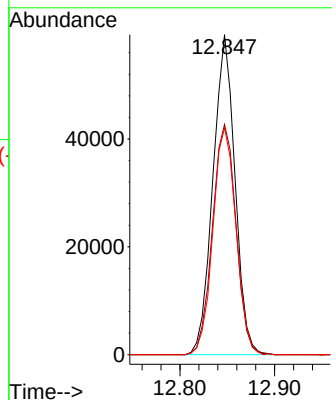
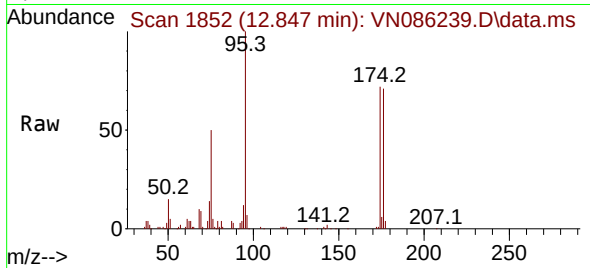




#62
4-Bromofluorobenzene
Concen: 56.303 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

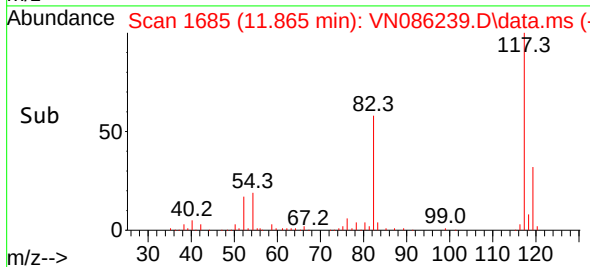
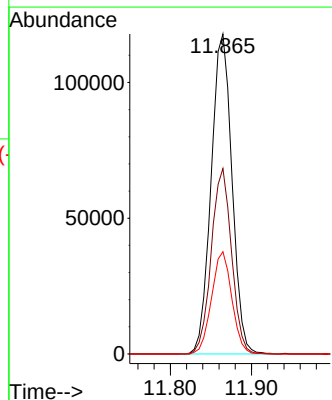
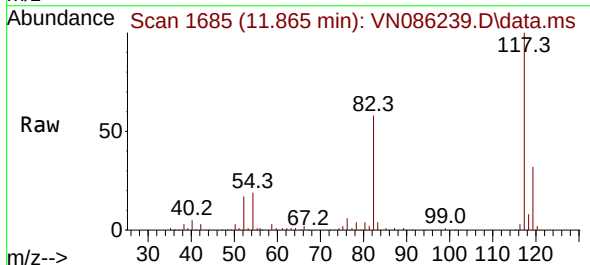
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MSVOA_N
ClientSampleId :
IBLK

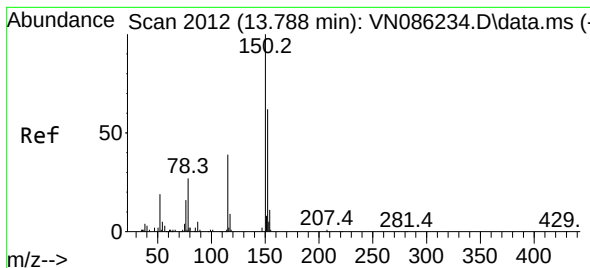
Tgt Ion: 95 Resp: 95879
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.0
176 74.2 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

Tgt Ion: 117 Resp: 210067
Ion Ratio Lower Upper
117 100
82 58.0 45.6 68.4
119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN086239.D

Acq: 07 Apr 2025 16:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

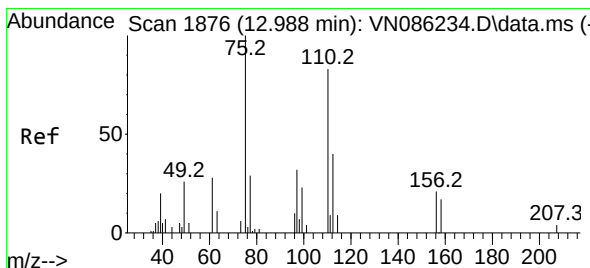
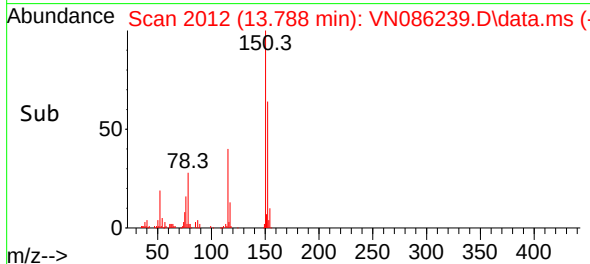
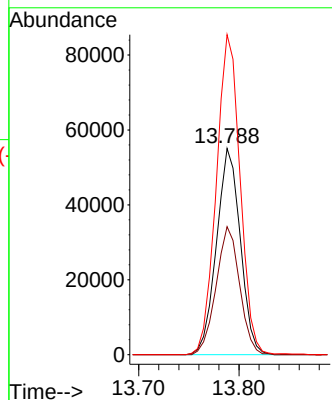
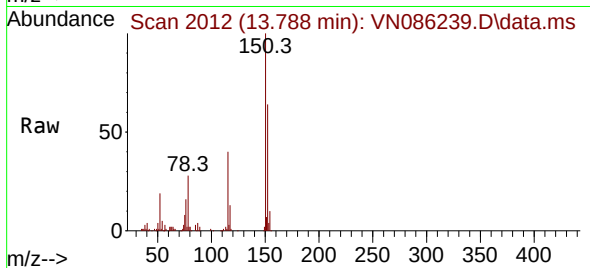
Tgt Ion:152 Resp: 90687

Ion Ratio Lower Upper

152 100

115 61.3 31.2 93.6

150 155.1 0.0 333.2



#76

1,2,3-Trichloropropane

Concen: 37.115 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN086239.D

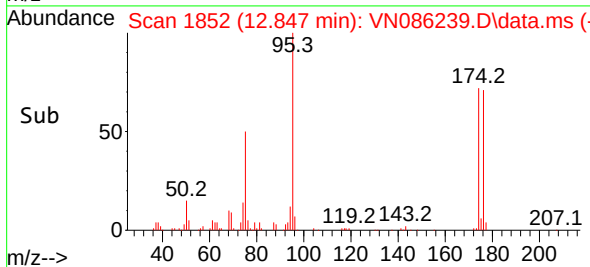
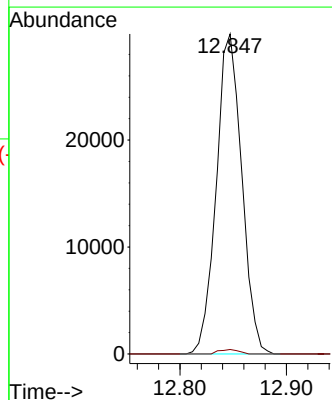
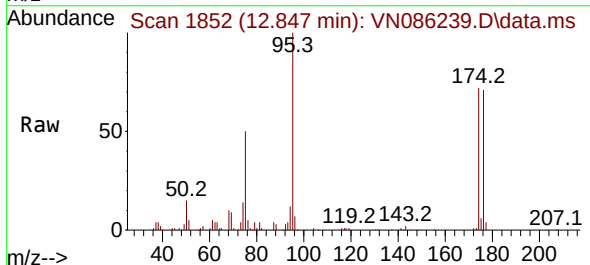
Acq: 07 Apr 2025 16:22

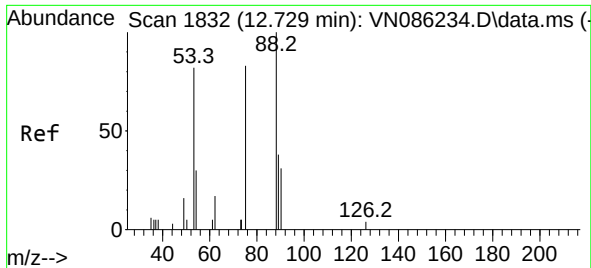
Tgt Ion: 75 Resp: 49588

Ion Ratio Lower Upper

75 100

77 1.1 85.4 256.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.630 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN086239.D
Acq: 07 Apr 2025 16:22

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 49588
Ion Ratio Lower Upper
75 100
53 0.0 71.9 107.9#
89 0.0 36.4 54.6#

