

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087194.D
 Acq On : 26 Jun 2025 14:49
 Operator : JC\MD
 Sample : Q2405-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-M/N

Quant Time: Jun 27 01:26:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

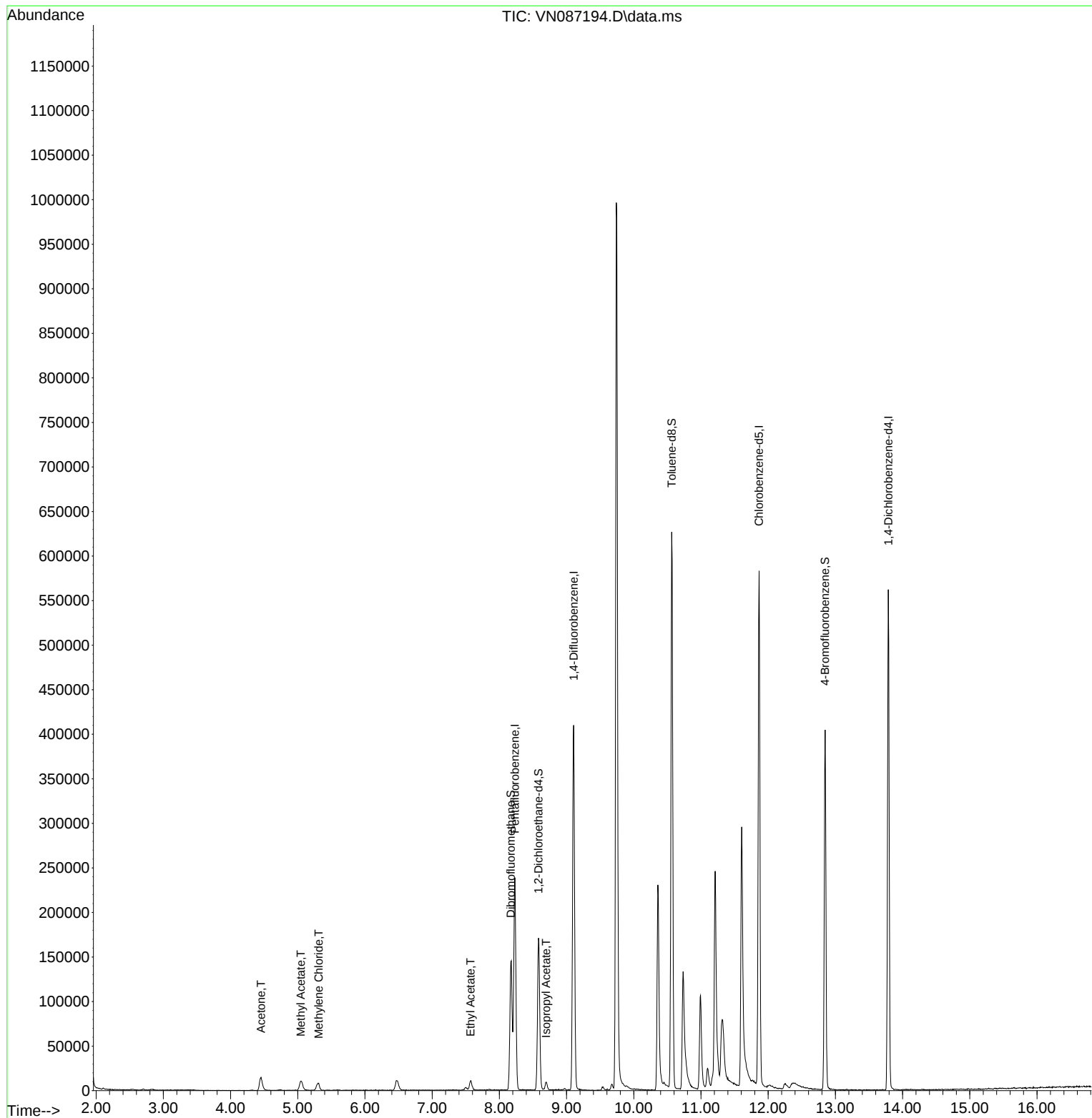
Internal Standards						
1) Pentafluorobenzene	8.230	168	178724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	364399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	342365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142307	59.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.940%
35) Dibromofluoromethane	8.171	113	110655	51.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	10.565	98	445997	52.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.340%
62) 4-Bromofluorobenzene	12.847	95	154950	48.785	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.560%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	29680	23.389	ug/l #	87
18) Methyl Acetate	5.047	43	24836	6.716	ug/l	91
20) Methylene Chloride	5.312	84	7208	3.034	ug/l	95
37) Ethyl Acetate	7.571	43	17374	4.241	ug/l	97
43) Isopropyl Acetate	8.694	43	10385	1.580	ug/l #	90

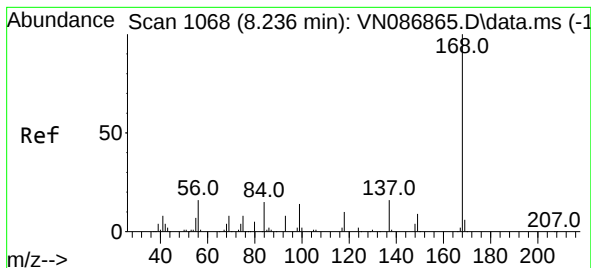
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087194.D
Acq On : 26 Jun 2025 14:49
Operator : JC\MD
Sample : Q2405-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-M/N

Quant Time: Jun 27 01:26:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

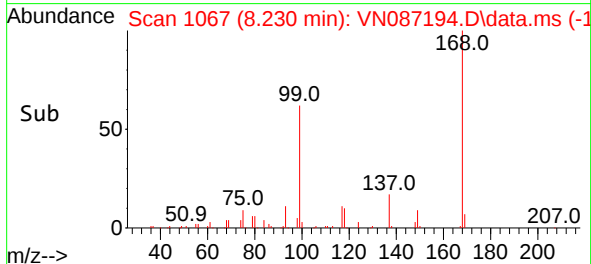
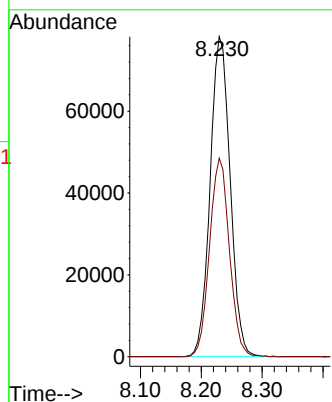
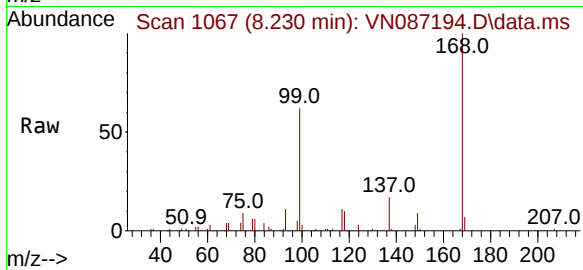




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

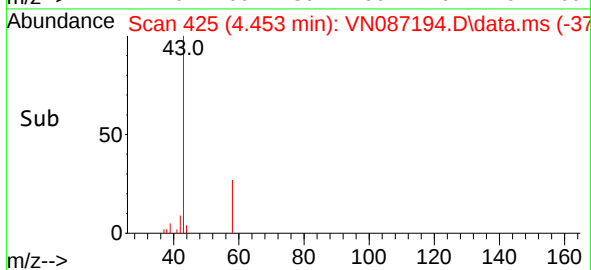
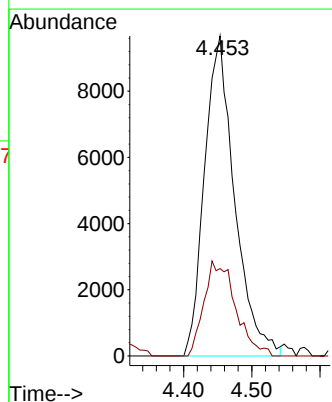
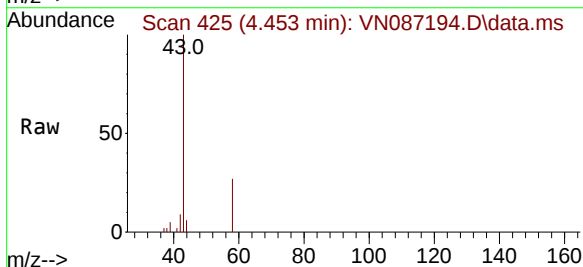
Instrument :
MSVOA_N
ClientSampleId :
MH-M/N

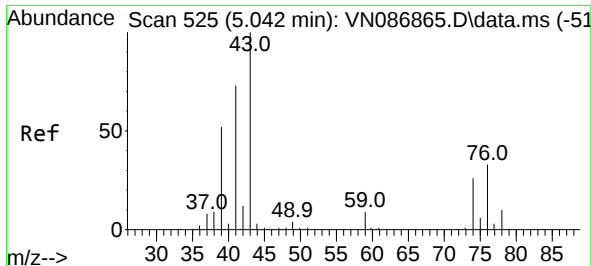
Tgt Ion:168 Resp: 178724
Ion Ratio Lower Upper
168 100
99 62.0 49.1 73.7



#16
Acetone
Concen: 23.389 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

Tgt Ion: 43 Resp: 29680
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#

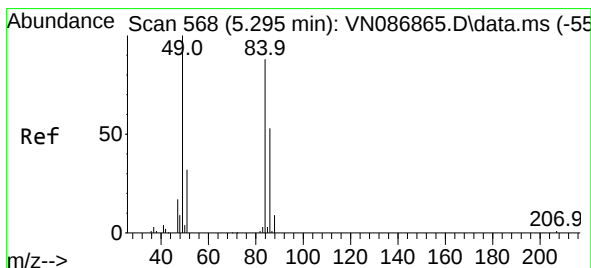
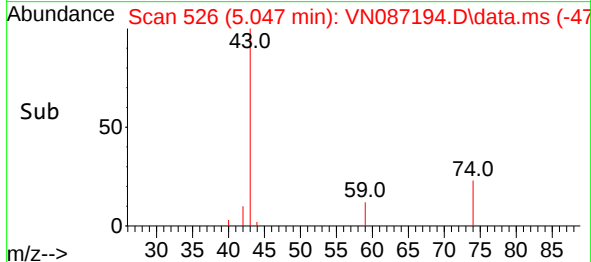
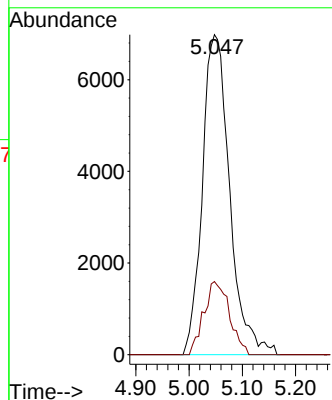
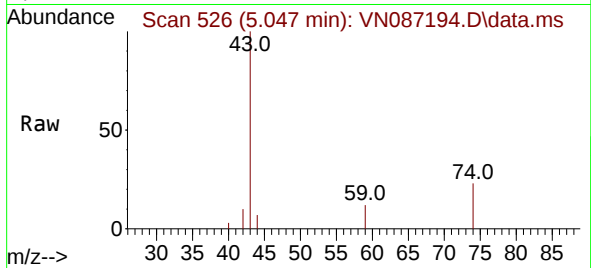




#18
Methyl Acetate
Concen: 6.716 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

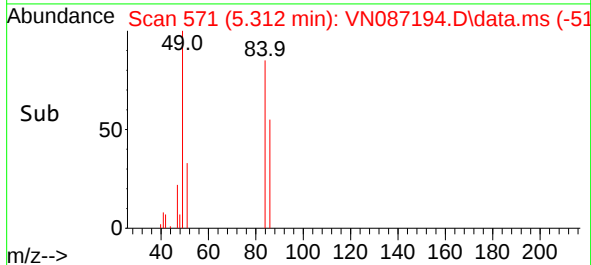
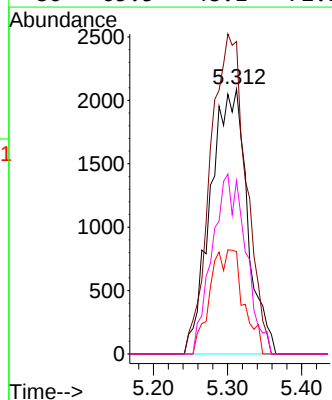
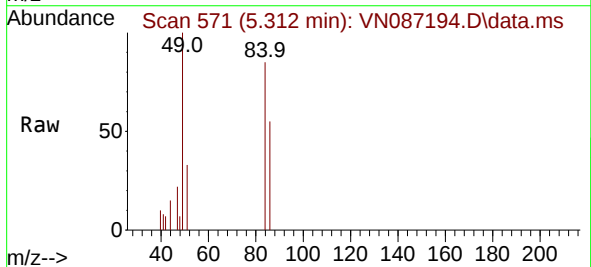
Instrument :
MSVOA_N
ClientSampleId :
MH-M/N

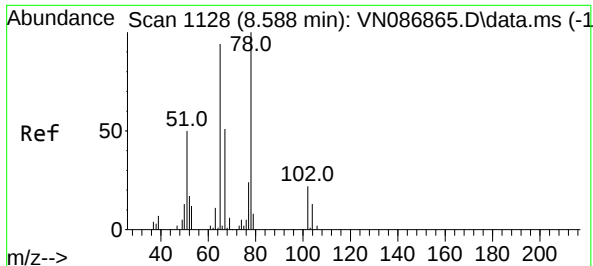
Tgt Ion: 43 Resp: 24836
Ion Ratio Lower Upper
43 100
74 21.4 20.7 31.1



#20
Methylene Chloride
Concen: 3.034 ug/l
RT: 5.312 min Scan# 571
Delta R.T. 0.018 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

Tgt Ion: 84 Resp: 7208
Ion Ratio Lower Upper
84 100
49 118.0 90.5 135.7
51 38.6 28.5 42.7
86 65.5 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 59.470 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087194.D

Acq: 26 Jun 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

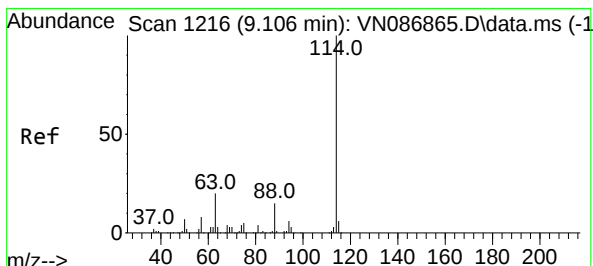
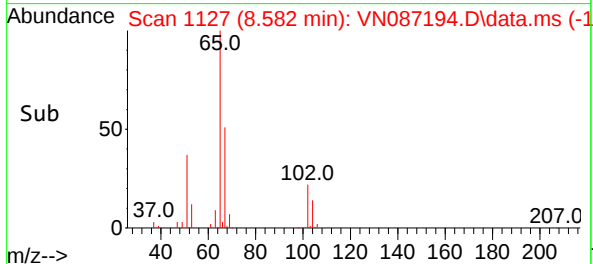
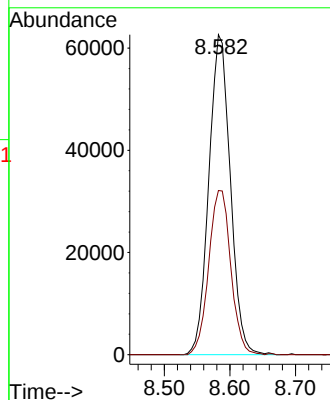
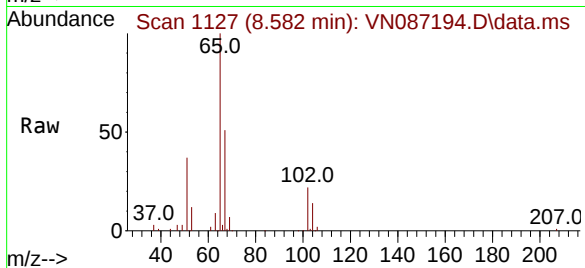
MH-M/N

Tgt Ion: 65 Resp: 142307

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087194.D

Acq: 26 Jun 2025 14:49

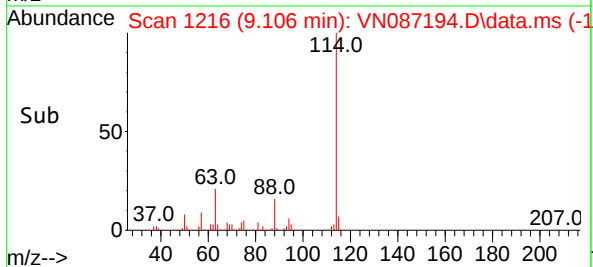
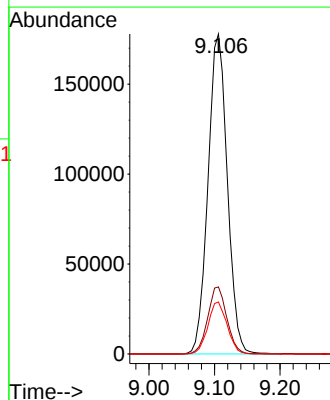
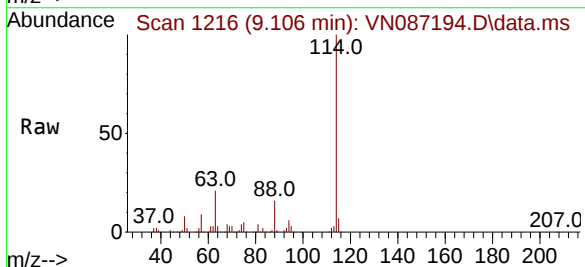
Tgt Ion: 114 Resp: 364399

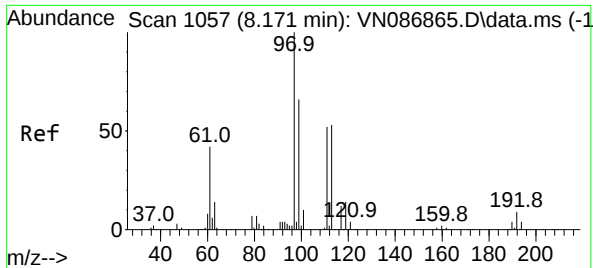
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.6

88 16.2 0.0 30.2

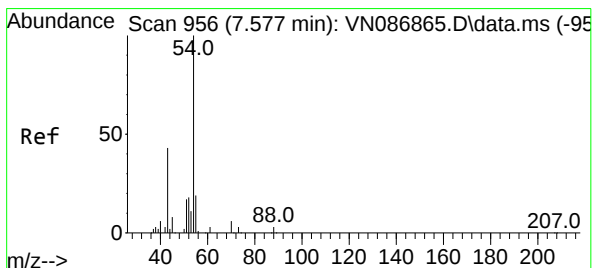
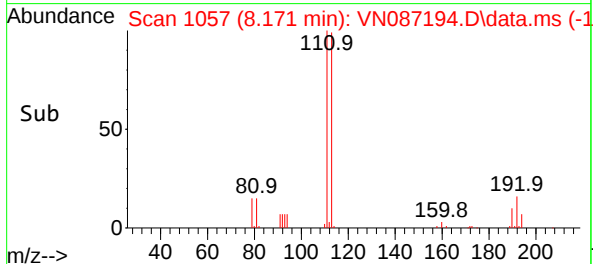
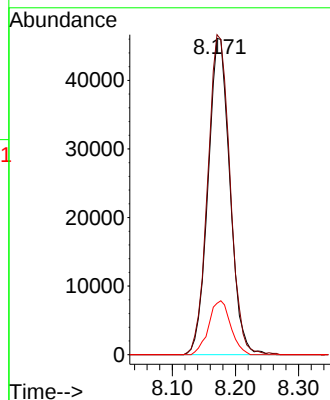
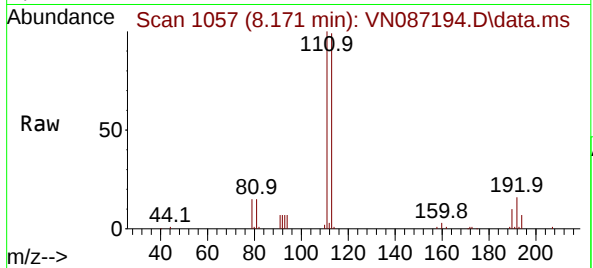




#35
Dibromofluoromethane
Concen: 51.241 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

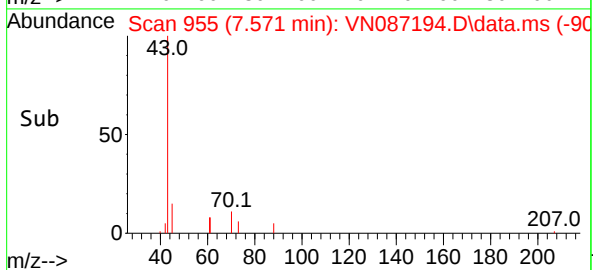
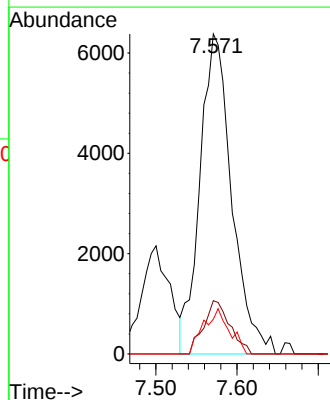
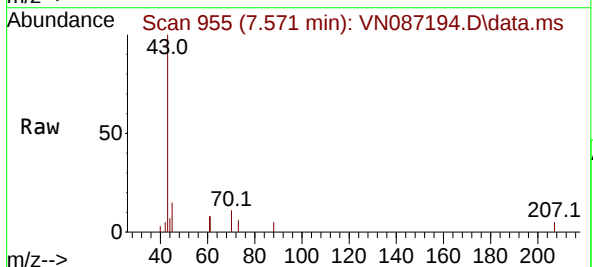
Instrument :
MSVOA_N
ClientSampleId :
MH-M/N

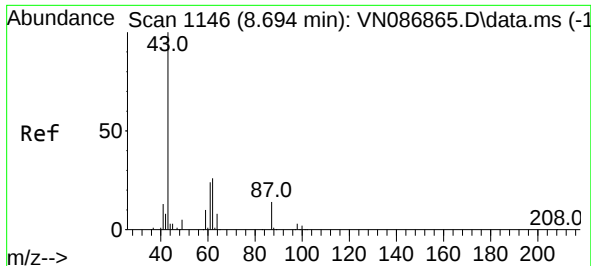
Tgt Ion:113 Resp: 110655
Ion Ratio Lower Upper
113 100
111 103.5 84.2 126.2
192 17.2 14.2 21.4



#37
Ethyl Acetate
Concen: 4.241 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.006 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

Tgt Ion: 43 Resp: 17374
Ion Ratio Lower Upper
43 100
61 13.7 12.1 18.1
70 11.5 9.8 14.6

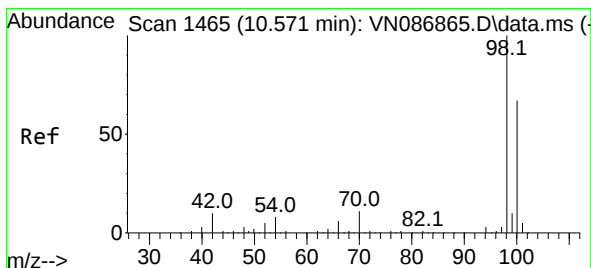
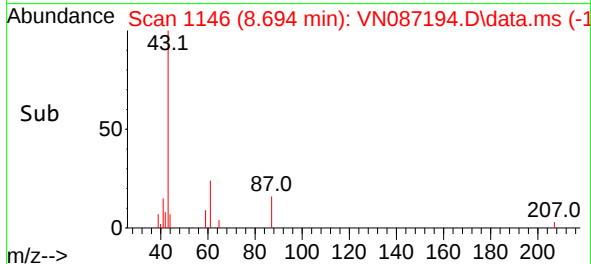
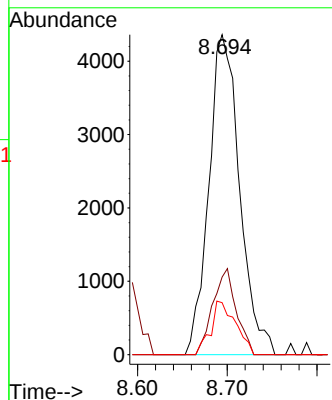
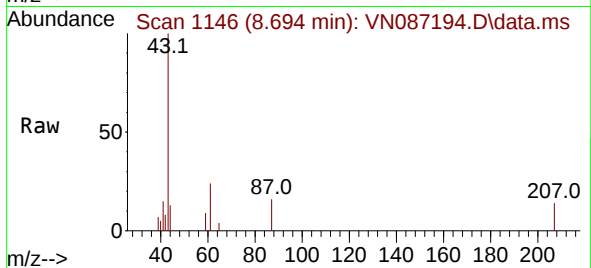




#43
Isopropyl Acetate
Concen: 1.580 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

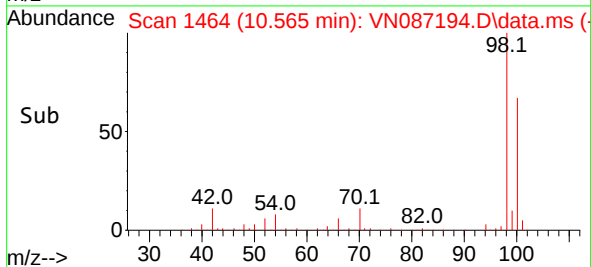
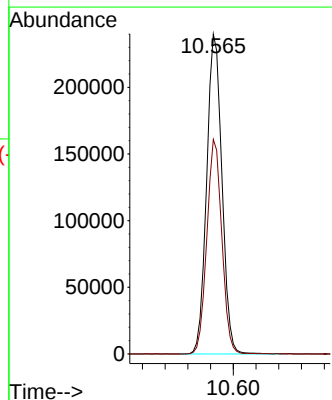
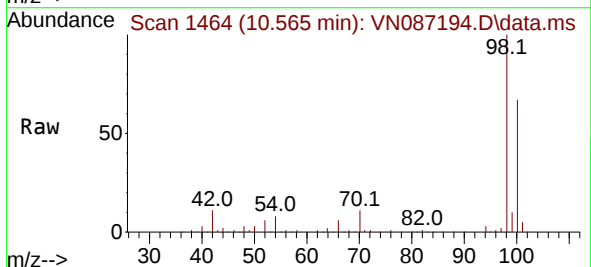
Instrument :
MSVOA_N
ClientSampleId :
MH-M/N

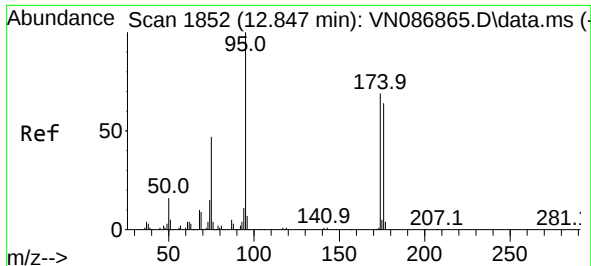
Tgt Ion: 43 Resp: 10385
Ion Ratio Lower Upper
43 100
61 20.5 22.1 33.1#
87 13.5 11.8 17.6



#50
Toluene-d8
Concen: 52.170 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

Tgt Ion: 98 Resp: 445997
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0

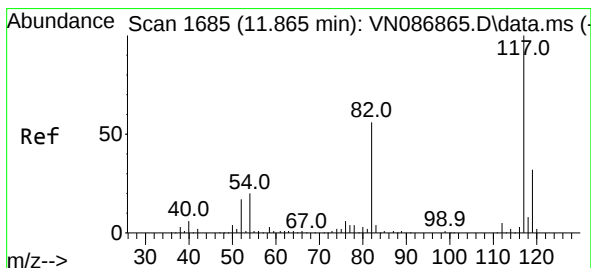
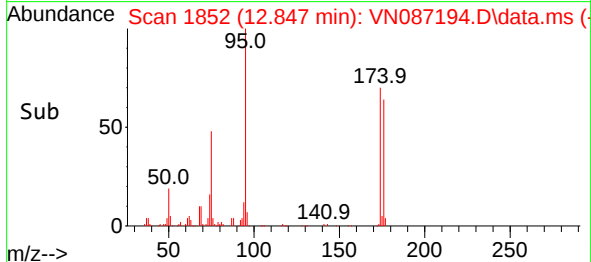
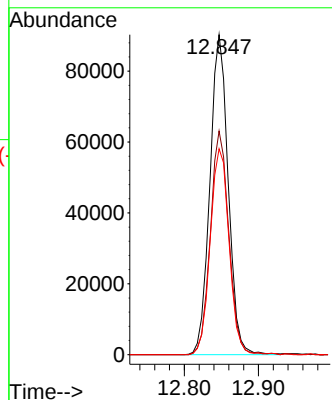
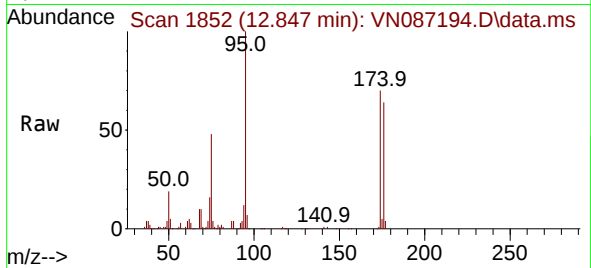




#62
4-Bromofluorobenzene
Concen: 48.785 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

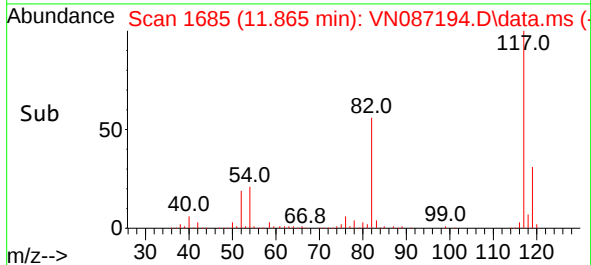
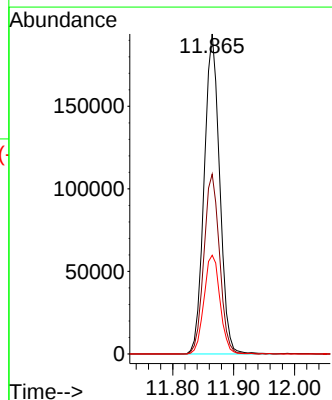
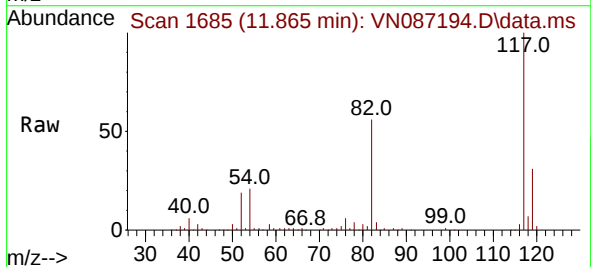
Instrument :
MSVOA_N
ClientSampleId :
MH-M/N

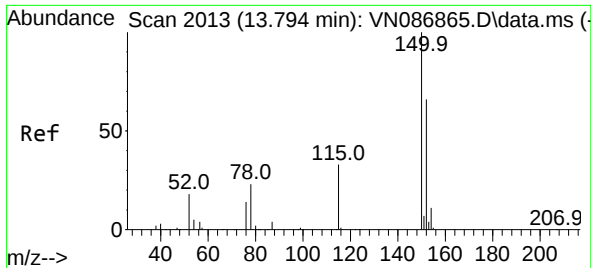
Tgt Ion: 95 Resp: 154950
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.8
176 66.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087194.D
Acq: 26 Jun 2025 14:49

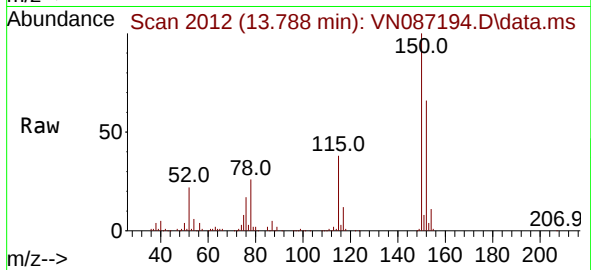
Tgt Ion: 117 Resp: 342365
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 30.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087194.D
 Acq: 26 Jun 2025 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-M/N



Tgt Ion:152 Resp: 158203
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.1 90.5
 150 157.4 0.0 345.0

