

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100125\
 Data File : VN088008.D
 Acq On : 01 Oct 2025 11:56
 Operator : JC\MD
 Sample : PB169924TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169924TB

Quant Time: Oct 01 12:18:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

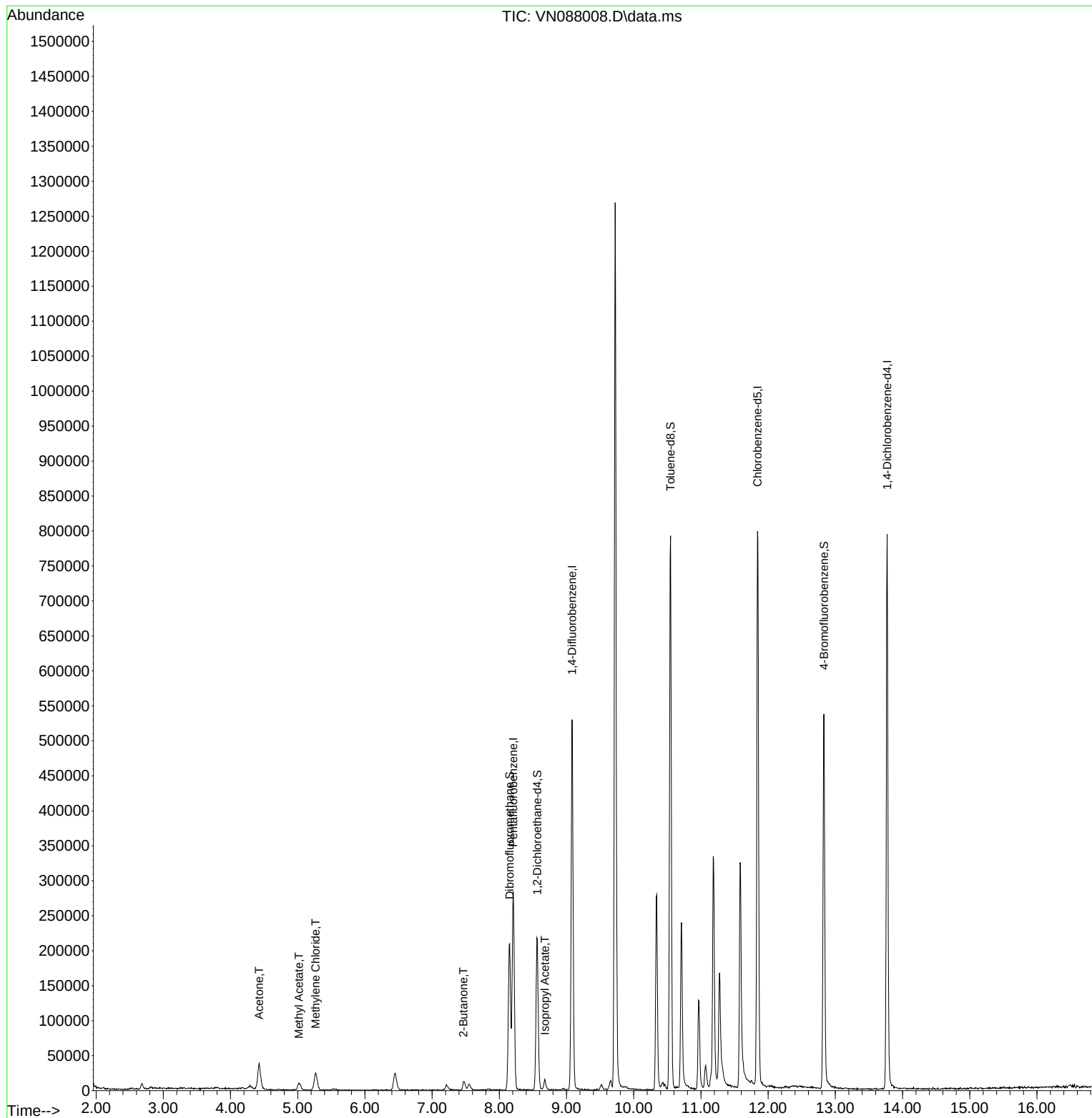
Internal Standards						
1) Pentafluorobenzene	8.206	168	190900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	436919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	457388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	207952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	181098	56.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.740%
35) Dibromofluoromethane	8.153	113	152584	48.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	10.547	98	538241	48.248	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.829	95	190051	47.661	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.320%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	69779	52.789	ug/l	97
18) Methyl Acetate	5.018	43	22832	6.902	ug/l #	68
20) Methylene Chloride	5.265	84	19966	7.462	ug/l #	83
25) 2-Butanone	7.465	43	20939	10.364	ug/l #	79
43) Isopropyl Acetate	8.677	43	16196	2.054	ug/l #	88

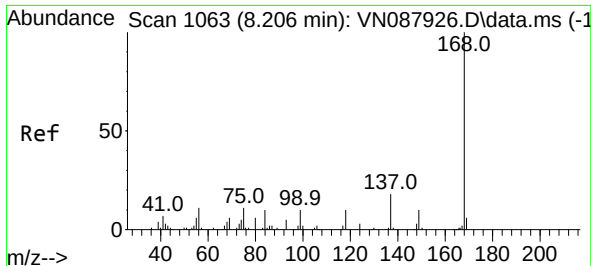
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100125\
Data File : VN088008.D
Acq On : 01 Oct 2025 11:56
Operator : JC\MD
Sample : PB169924TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB169924TB

Quant Time: Oct 01 12:18:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

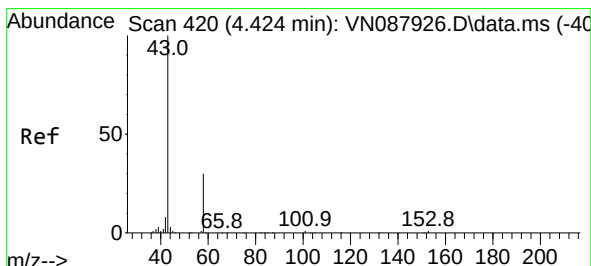
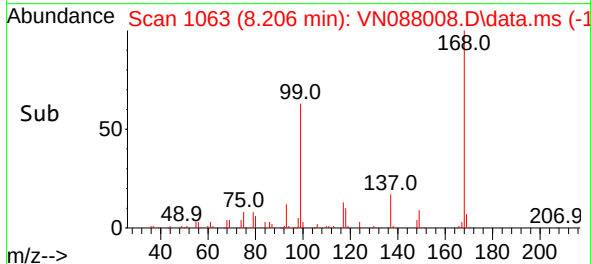
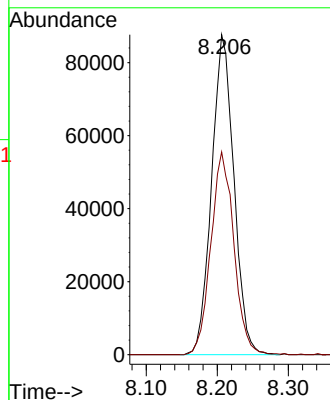
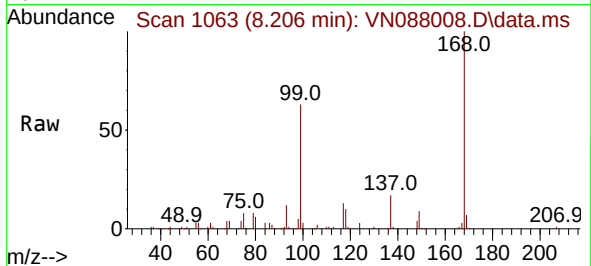




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

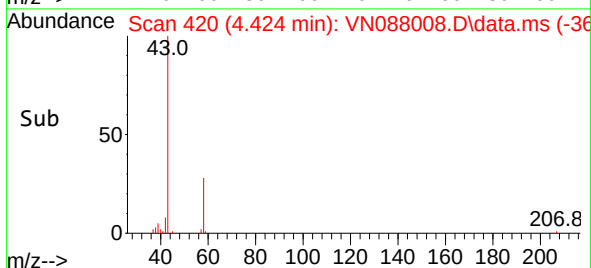
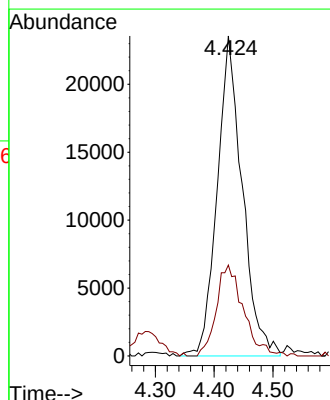
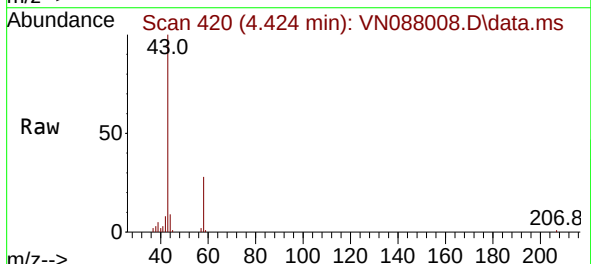
Instrument :
MSVOA_N
ClientSampleId :
PB169924TB

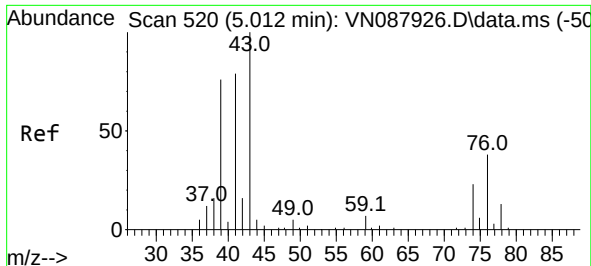
Tgt Ion:168 Resp: 190900
Ion Ratio Lower Upper
168 100
99 63.3 52.2 78.2



#16
Acetone
Concen: 52.789 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

Tgt Ion: 43 Resp: 69779
Ion Ratio Lower Upper
43 100
58 28.4 24.1 36.1

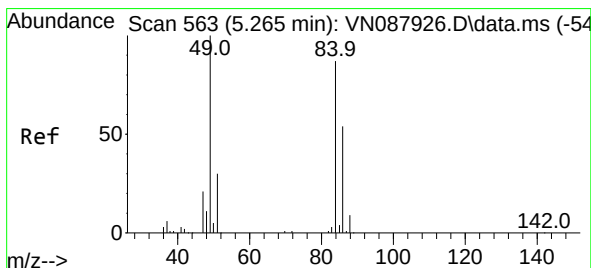
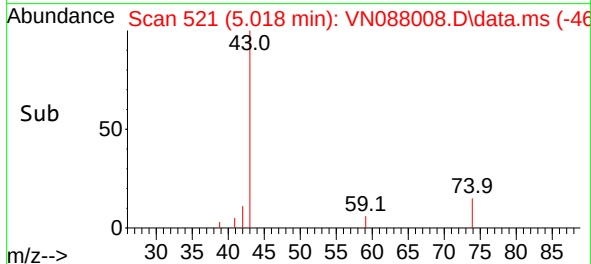
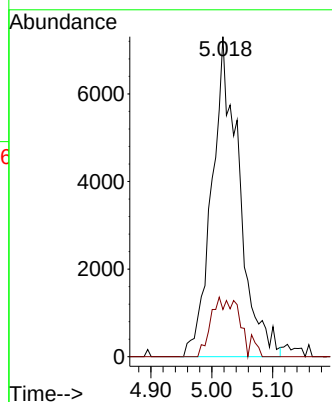
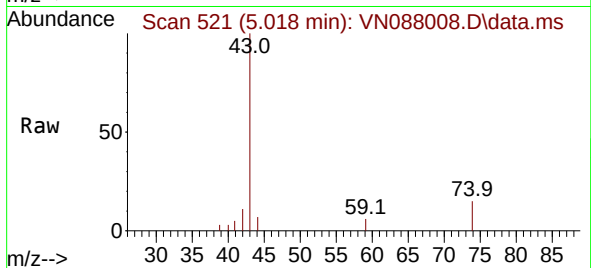




#18
Methyl Acetate
Concen: 6.902 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

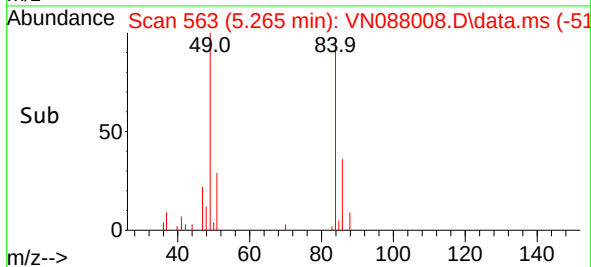
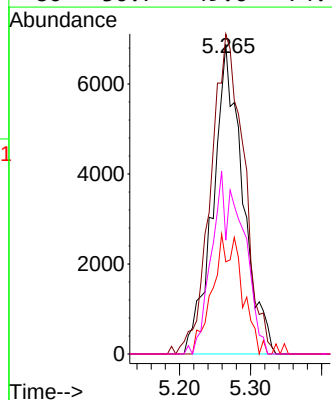
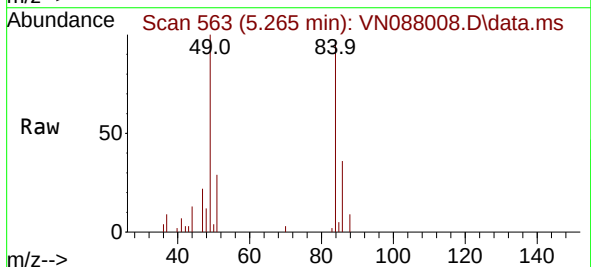
Instrument :
MSVOA_N
ClientSampleId :
PB169924TB

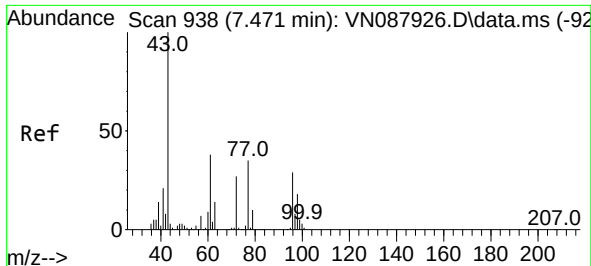
Tgt Ion: 43 Resp: 22832
Ion Ratio Lower Upper
43 100
74 8.8 19.7 29.5#



#20
Methylene Chloride
Concen: 7.462 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

Tgt Ion: 84 Resp: 19966
Ion Ratio Lower Upper
84 100
49 103.4 92.1 138.1
51 29.8 27.7 41.5
86 36.7 49.6 74.4#

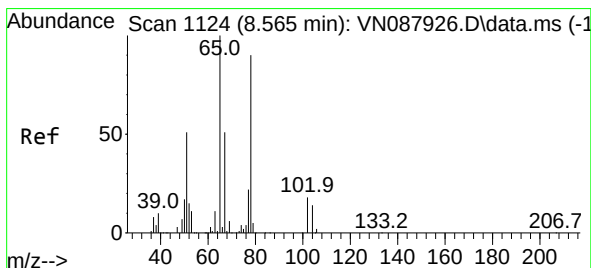
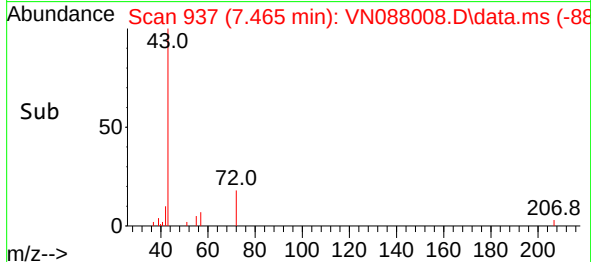
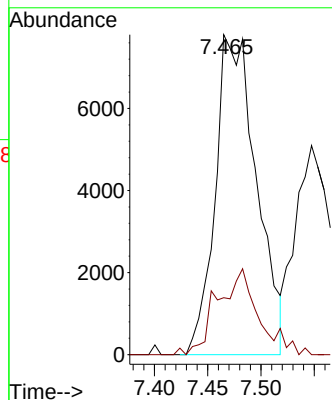
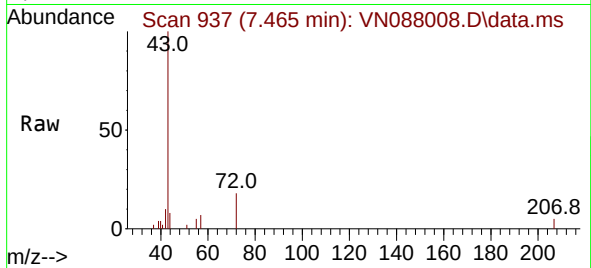




#25
2-Butanone
Concen: 10.364 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

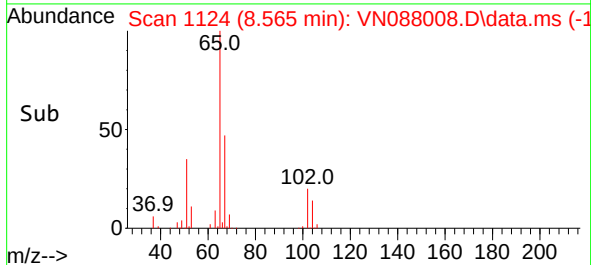
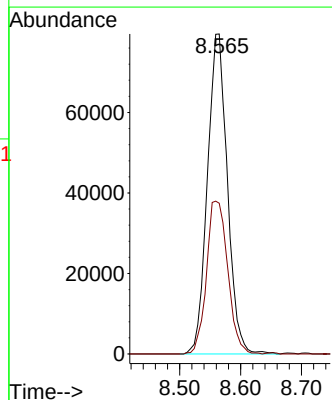
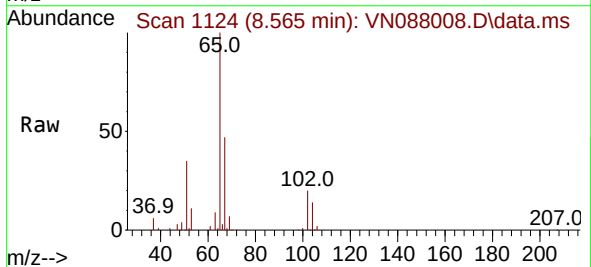
Instrument :
MSVOA_N
ClientSampleId :
PB169924TB

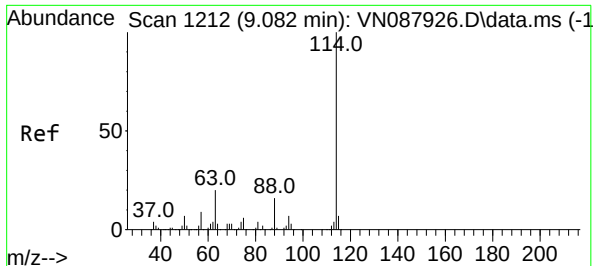
Tgt Ion: 43 Resp: 20939
Ion Ratio Lower Upper
43 100
72 16.2 21.5 32.3#



#33
1,2-Dichloroethane-d4
Concen: 56.369 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

Tgt Ion: 65 Resp: 181098
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

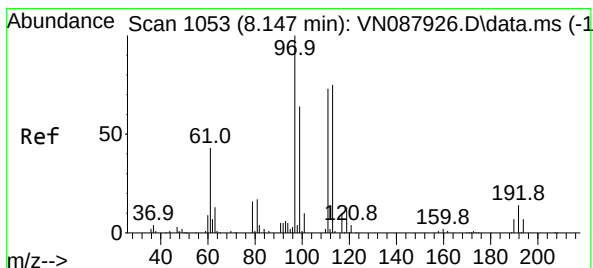
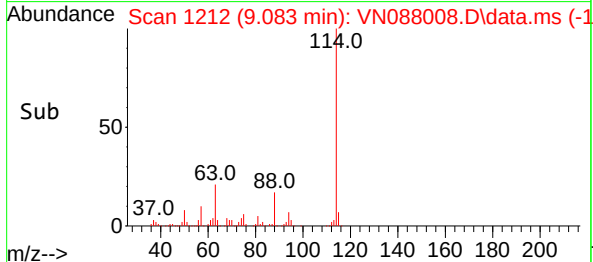
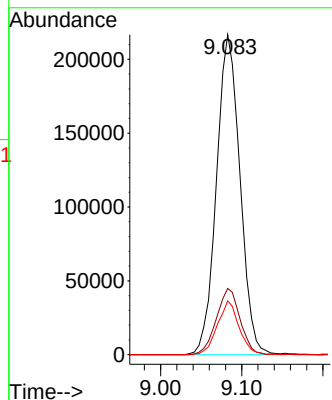
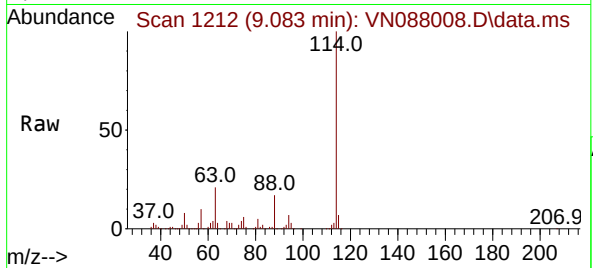




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

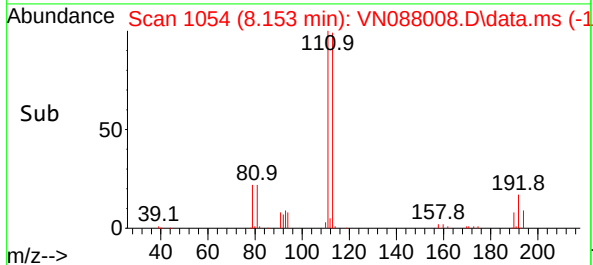
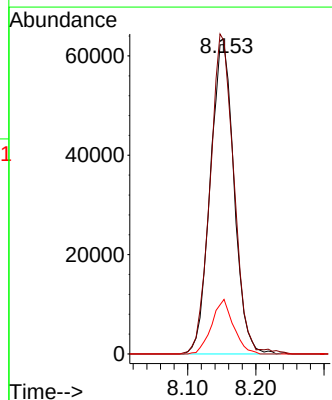
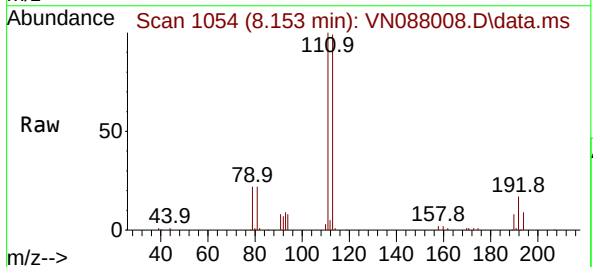
Instrument :
MSVOA_N
ClientSampleId :
PB169924TB

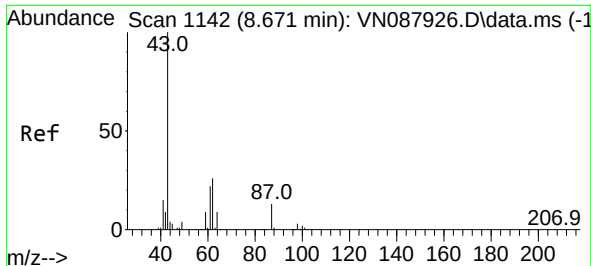
Tgt Ion:114 Resp: 436919
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 16.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.099 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

Tgt Ion:113 Resp: 152584
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 16.0 14.2 21.2

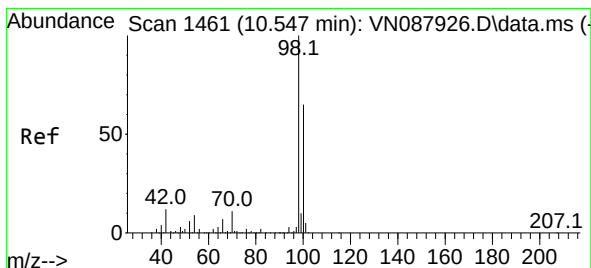
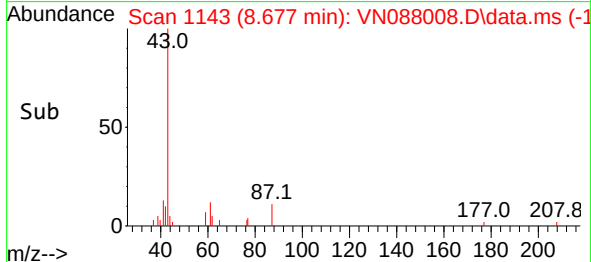
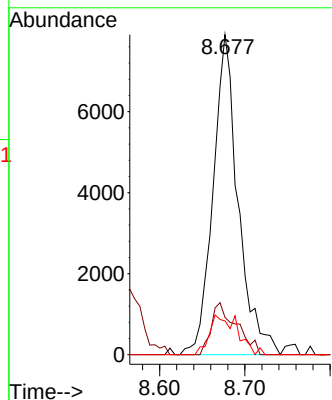
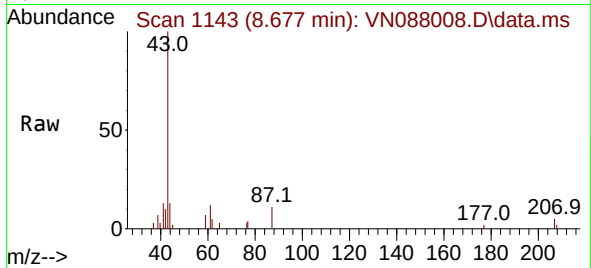




#43
Isopropyl Acetate
Concen: 2.054 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

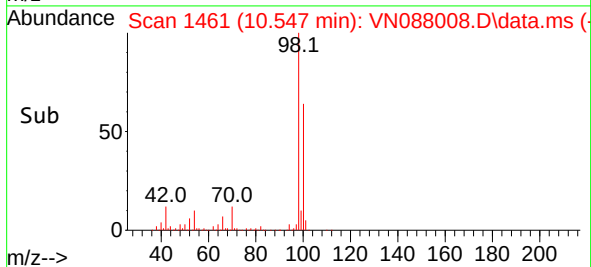
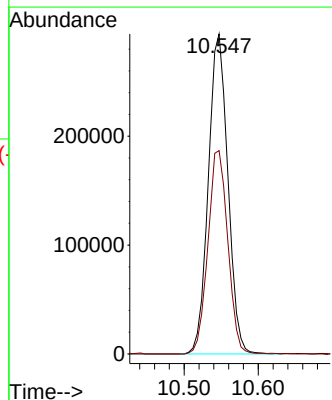
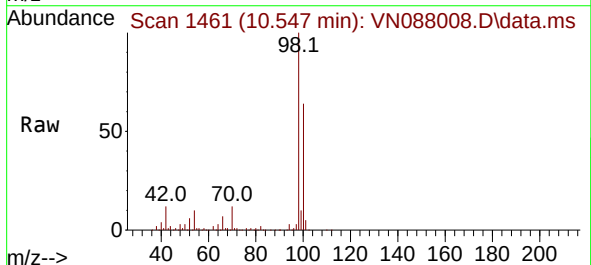
Instrument :
MSVOA_N
ClientSampleId :
PB169924TB

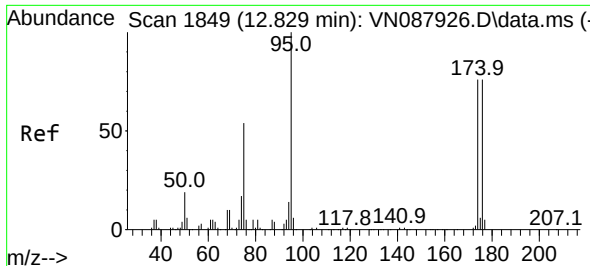
Tgt Ion: 43 Resp: 16196
Ion Ratio Lower Upper
43 100
61 16.3 20.2 30.2#
87 13.8 10.9 16.3



#50
Toluene-d8
Concen: 48.248 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

Tgt Ion: 98 Resp: 538241
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

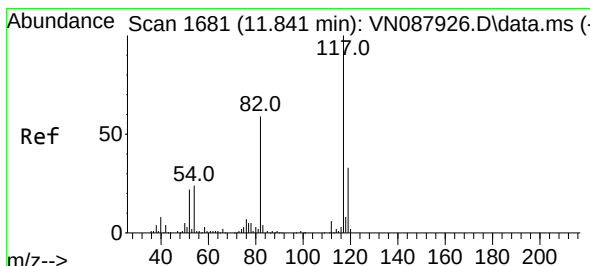
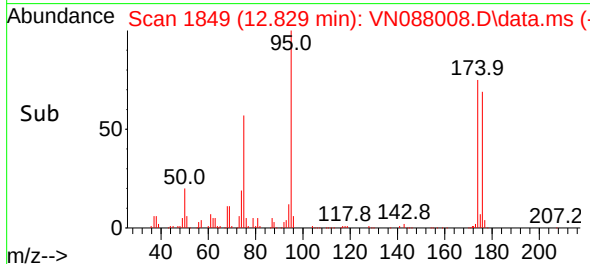
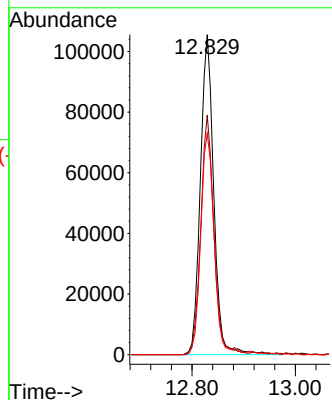
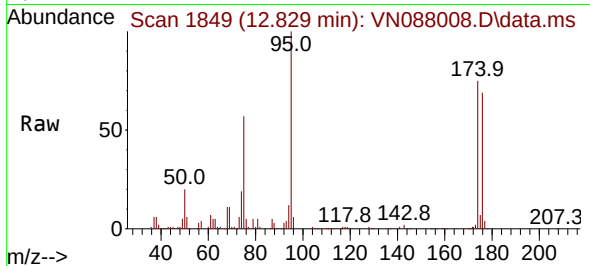




#62
4-Bromofluorobenzene
Concen: 47.661 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

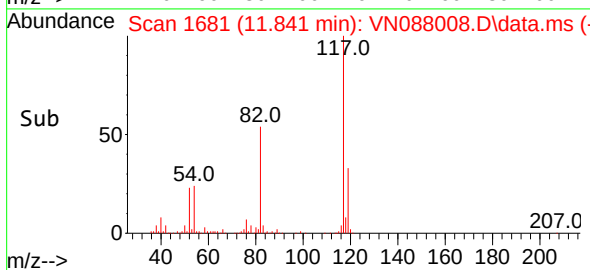
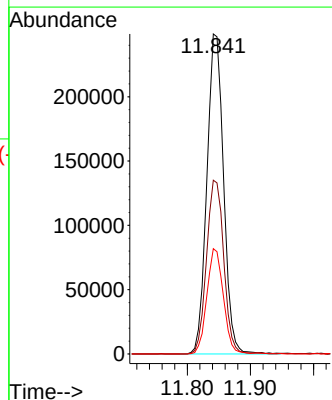
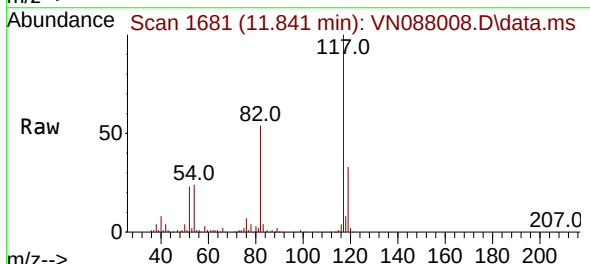
Instrument :
MSVOA_N
ClientSampleId :
PB169924TB

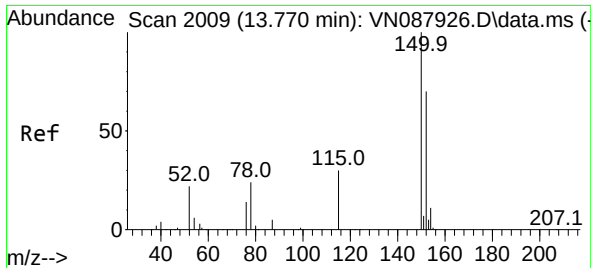
Tgt Ion: 95 Resp: 190051
Ion Ratio Lower Upper
95 100
174 73.3 0.0 159.2
176 69.0 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088008.D
Acq: 01 Oct 2025 11:56

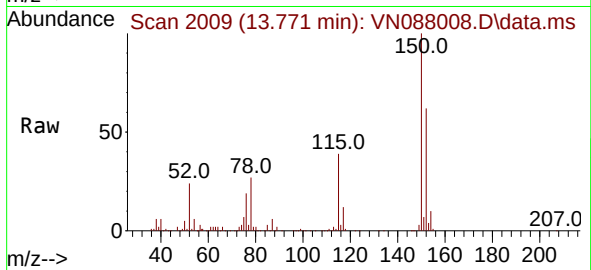
Tgt Ion: 117 Resp: 457388
Ion Ratio Lower Upper
117 100
82 54.3 47.0 70.4
119 32.9 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088008.D
 Acq: 01 Oct 2025 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169924TB



Tgt Ion:152 Resp: 207952
 Ion Ratio Lower Upper
 152 100
 115 62.2 29.9 89.7
 150 157.3 0.0 335.0

