

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083418.D
 Acq On : 21 Aug 2024 19:07
 Operator : JC\MD
 Sample : P3685-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Stock Pile-1

Quant Time: Aug 22 08:12:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

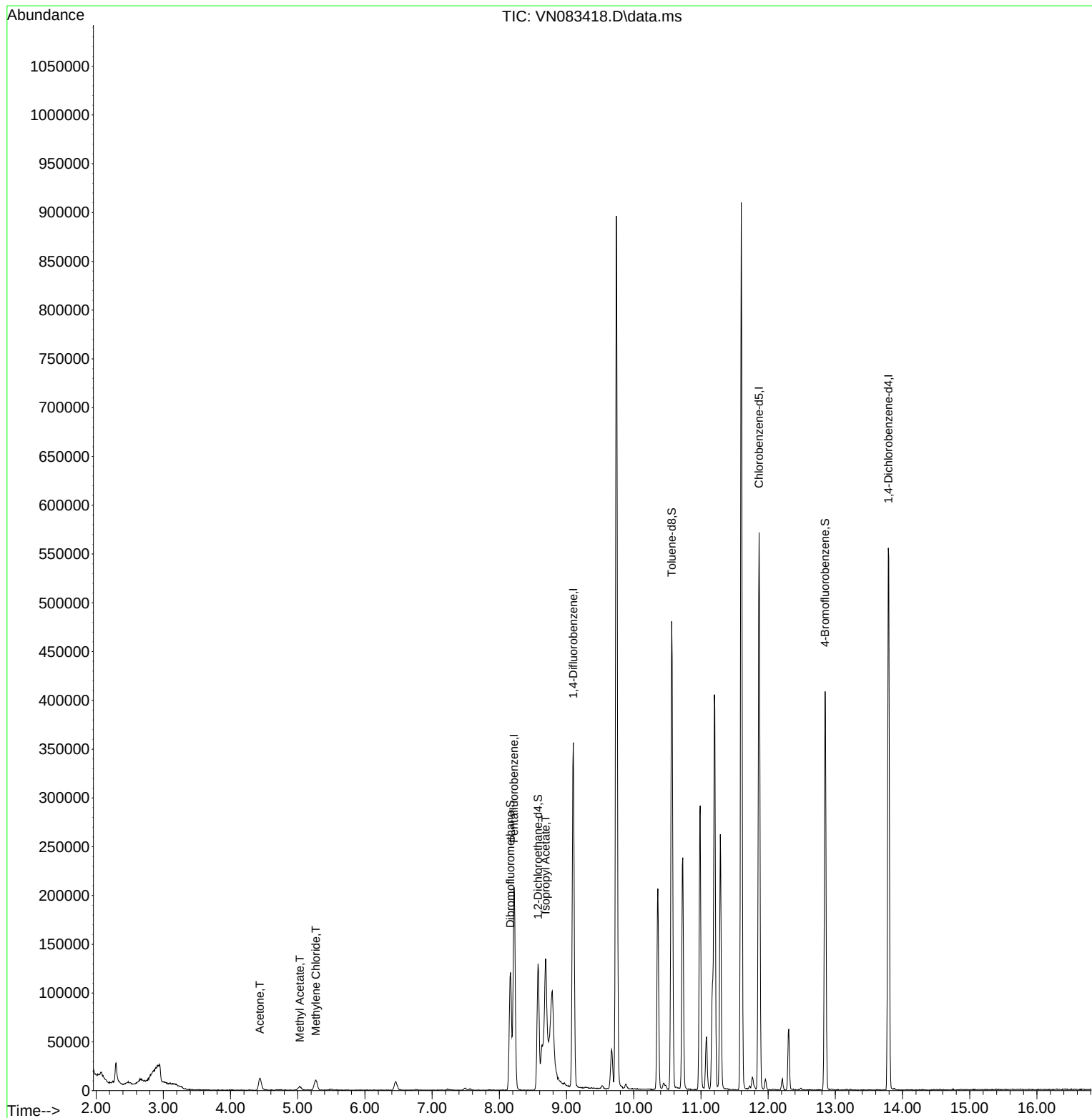
Internal Standards						
1) Pentafluorobenzene	8.218	168	141076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110789	55.172	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.340%
35) Dibromofluoromethane	8.165	113	87749	48.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	10.565	98	329006	48.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.847	95	147164	55.793	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.580%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	24440	31.104	ug/l	96
18) Methyl Acetate	5.030	43	9086	3.881	ug/l #	73
20) Methylene Chloride	5.271	84	8349	4.617	ug/l #	69
43) Isopropyl Acetate	8.689	43	221423	41.010	ug/l #	79

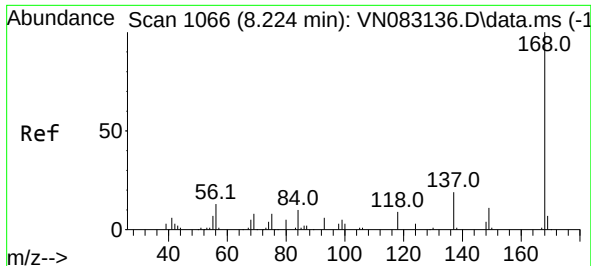
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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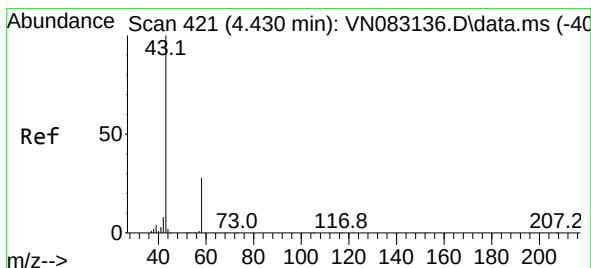
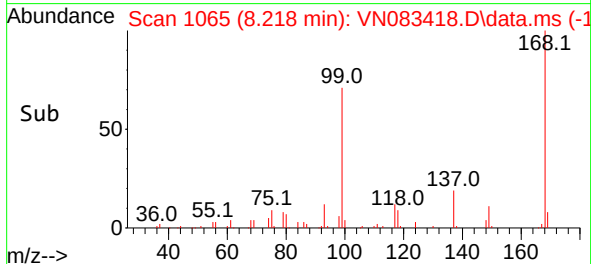
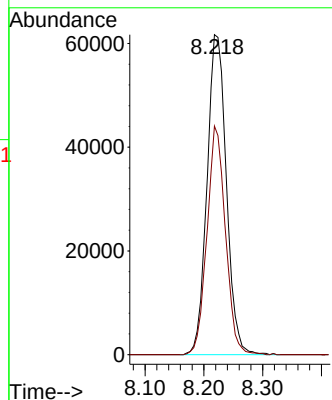
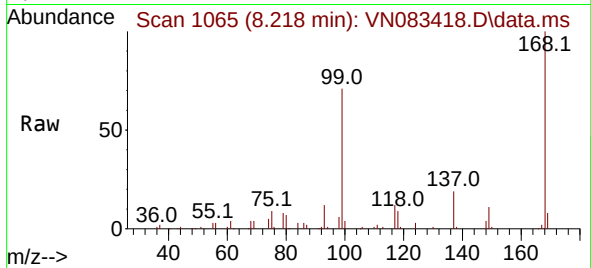




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083418.D
Acq: 21 Aug 2024 19:07

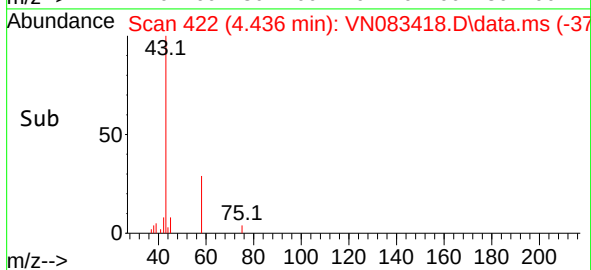
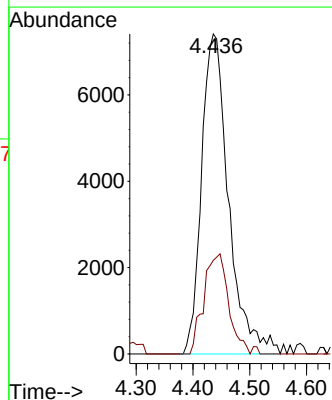
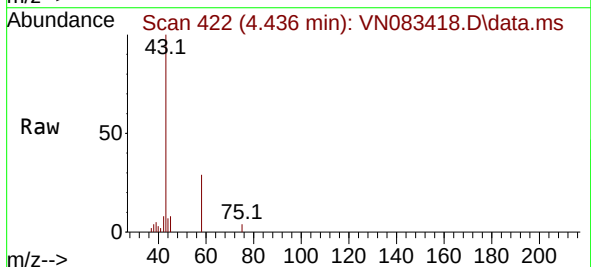
Instrument :
MSVOA_N
ClientSampleId :
Stock Pile-1

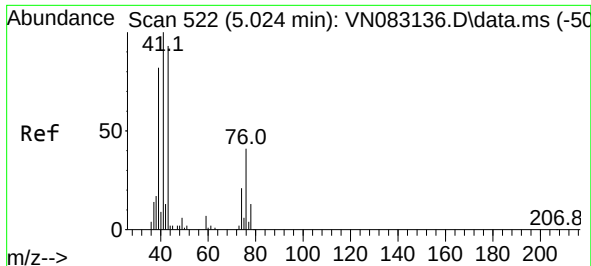
Tgt Ion:168 Resp: 141076
Ion Ratio Lower Upper
168 100
99 71.5 48.2 72.4



#16
Acetone
Concen: 31.104 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083418.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 43 Resp: 24440
Ion Ratio Lower Upper
43 100
58 29.3 21.8 32.6

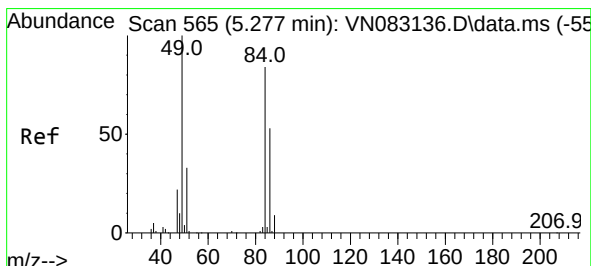
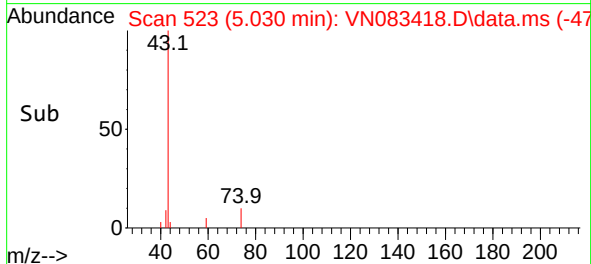
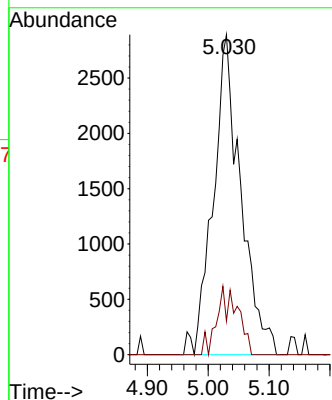
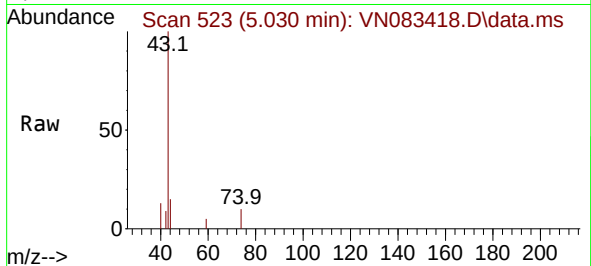




#18
Methyl Acetate
Concen: 3.881 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083418.D
Acq: 21 Aug 2024 19:07

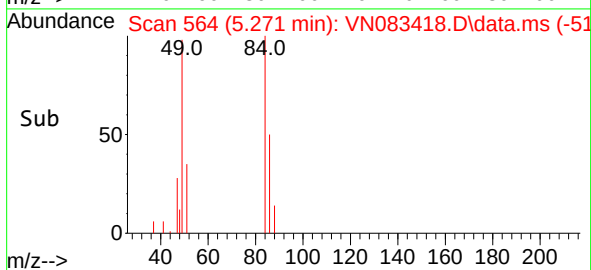
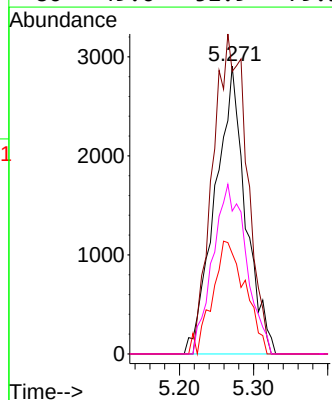
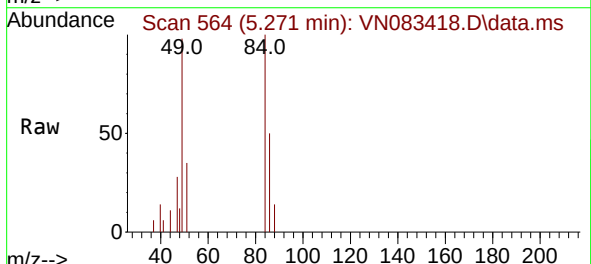
Instrument :
MSVOA_N
ClientSampleId :
Stock Pile-1

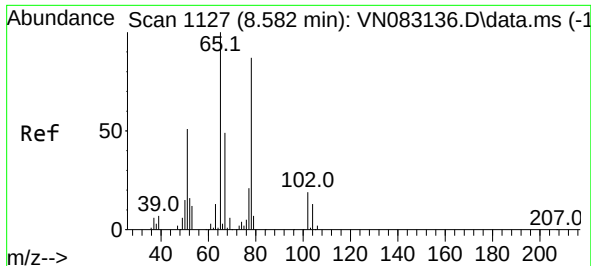
Tgt Ion: 43 Resp: 9086
Ion Ratio Lower Upper
43 100
74 7.8 16.3 24.5#



#20
Methylene Chloride
Concen: 4.617 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083418.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 84 Resp: 8349
Ion Ratio Lower Upper
84 100
49 98.2 119.6 179.4#
51 34.9 34.8 52.2
86 49.6 52.9 79.3#

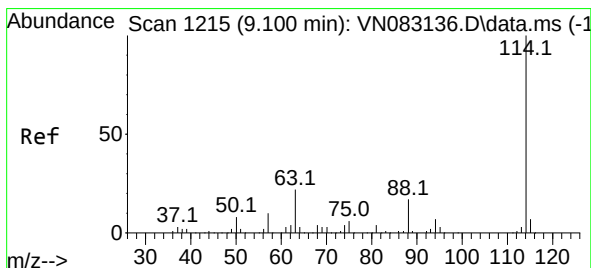
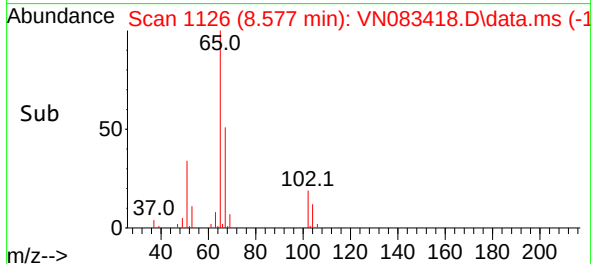
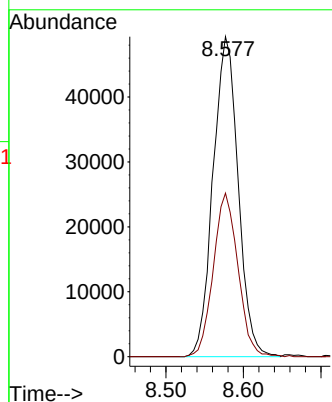
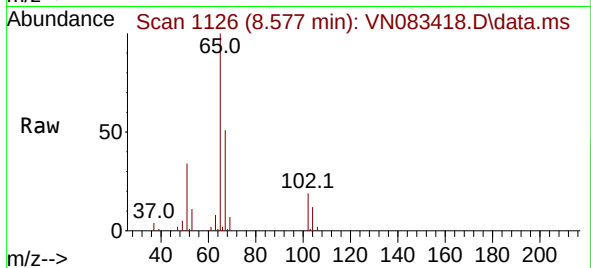




#33
 1,2-Dichloroethane-d4
 Concen: 55.172 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN083418.D
 Acq: 21 Aug 2024 19:07

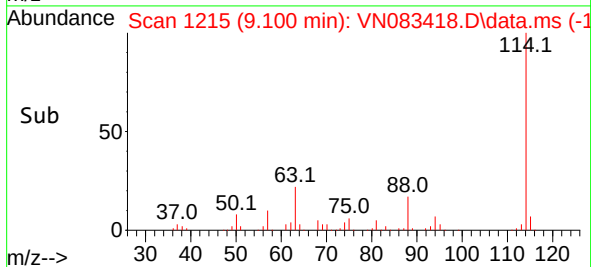
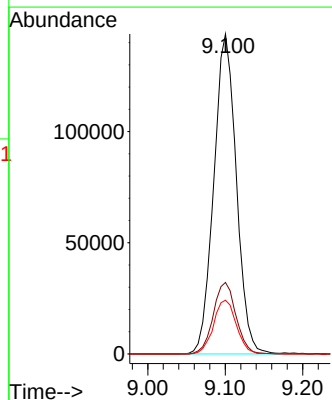
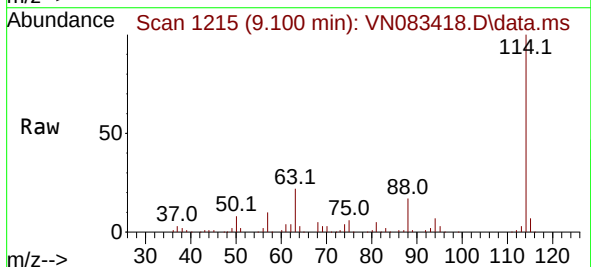
Instrument :
 MSVOA_N
 ClientSampleId :
 Stock Pile-1

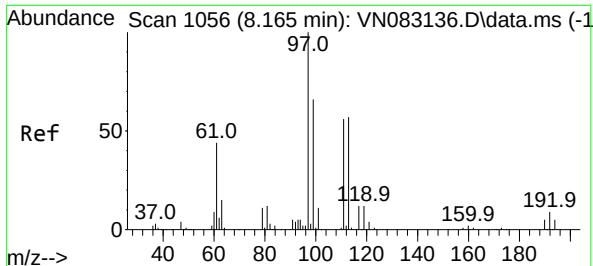
Tgt Ion: 65 Resp: 110789
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083418.D
 Acq: 21 Aug 2024 19:07

Tgt Ion: 114 Resp: 290582
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.6
 88 16.8 0.0 31.4

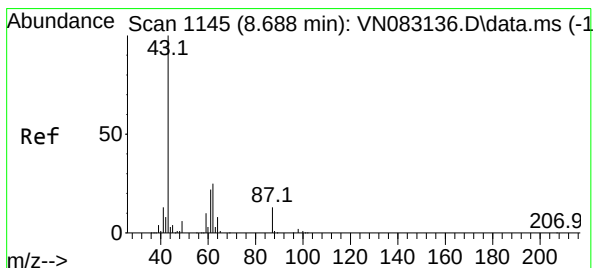
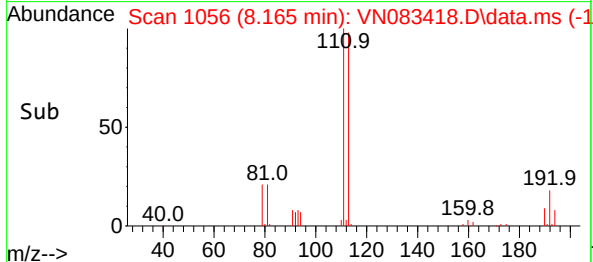
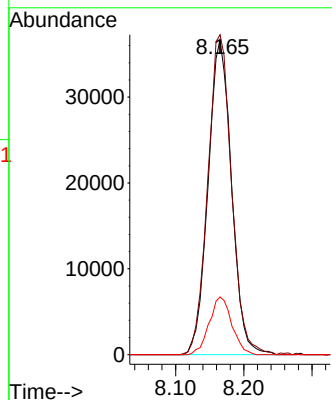
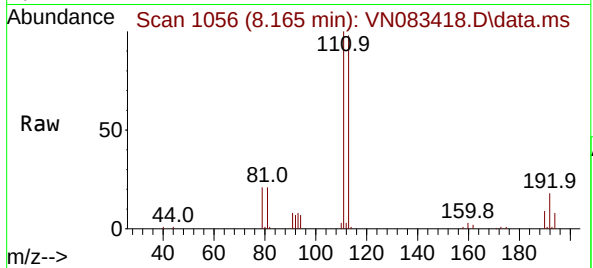




#35
Dibromofluoromethane
Concen: 48.380 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN083418.D
Acq: 21 Aug 2024 19:07

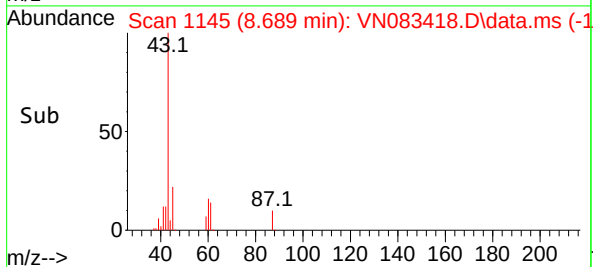
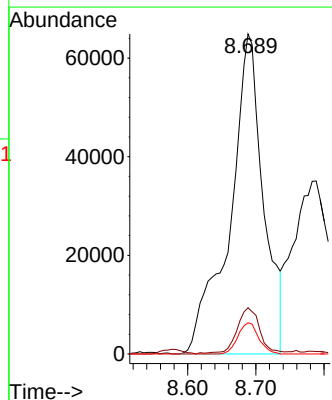
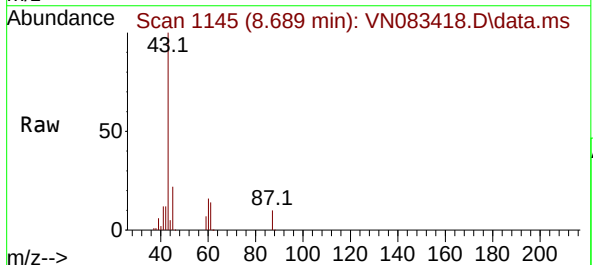
Instrument :
MSVOA_N
ClientSampleId :
Stock Pile-1

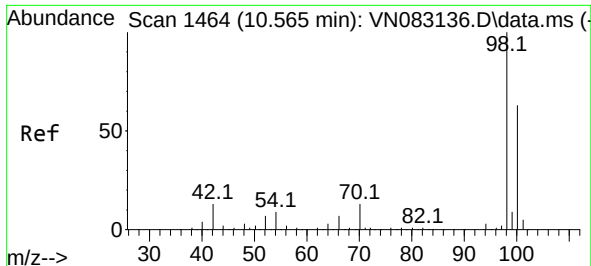
Tgt Ion:113 Resp: 87749
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.7 14.9 22.3



#43
Isopropyl Acetate
Concen: 41.010 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083418.D
Acq: 21 Aug 2024 19:07

Tgt Ion: 43 Resp: 221423
Ion Ratio Lower Upper
43 100
61 9.9 17.8 26.6#
87 6.0 8.2 12.2#





#50

Toluene-d8

Concen: 48.628 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083418.D

Acq: 21 Aug 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

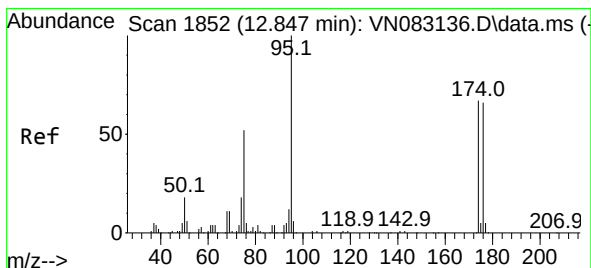
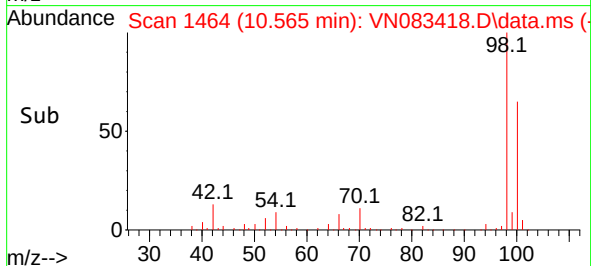
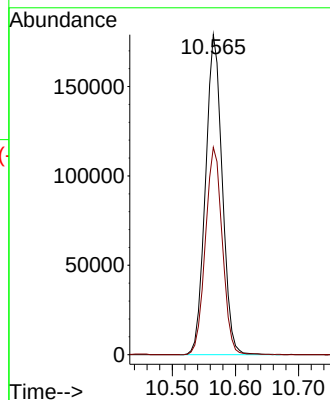
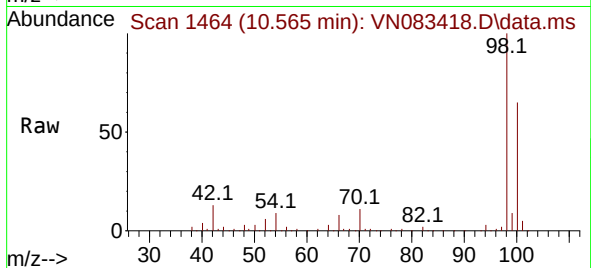
Stock Pile-1

Tgt Ion: 98 Resp: 329006

Ion Ratio Lower Upper

98 100

100 65.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 55.793 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083418.D

Acq: 21 Aug 2024 19:07

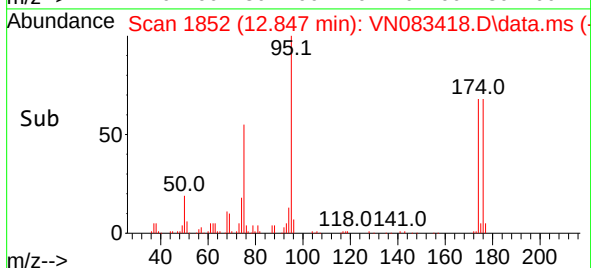
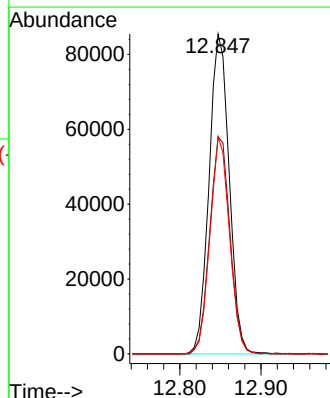
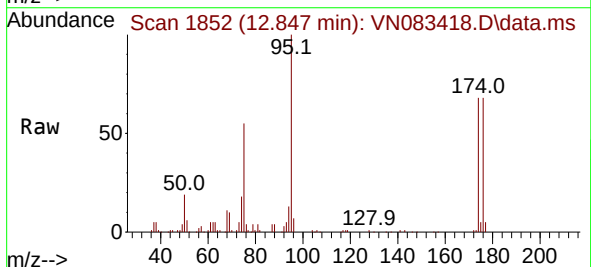
Tgt Ion: 95 Resp: 147164

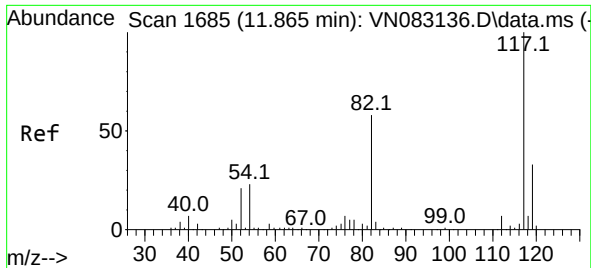
Ion Ratio Lower Upper

95 100

174 68.6 0.0 159.2

176 65.8 0.0 147.6

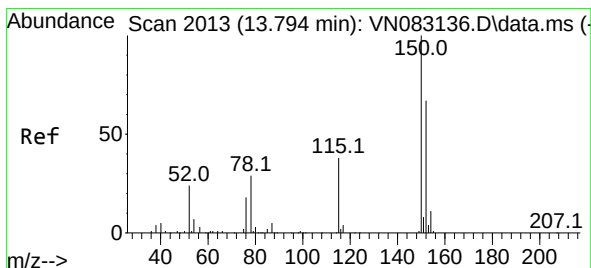
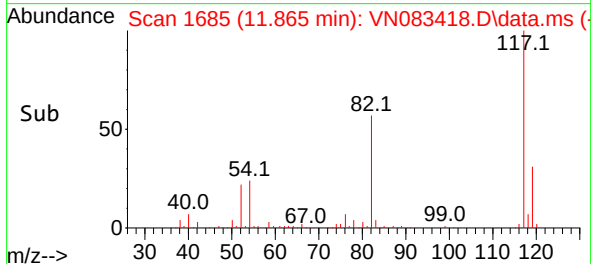
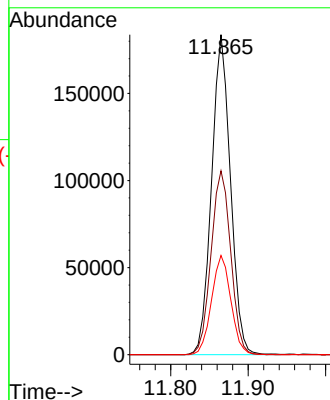
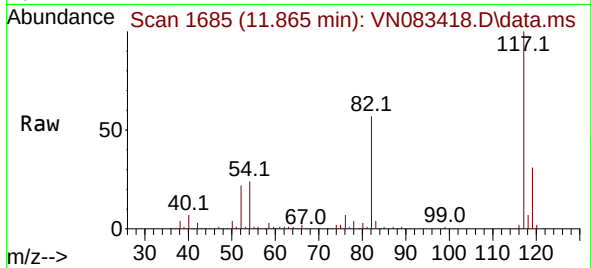




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083418.D
Acq: 21 Aug 2024 19:07

Instrument :
MSVOA_N
ClientSampleId :
Stock Pile-1

Tgt Ion:117 Resp: 311017
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083418.D
Acq: 21 Aug 2024 19:07

Tgt Ion:152 Resp: 146623
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 157.5 0.0 348.6

