

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083419.D
 Acq On : 21 Aug 2024 19:31
 Operator : JC\MD
 Sample : P3685-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Stock Pile-2

Quant Time: Aug 22 08:12:22 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)

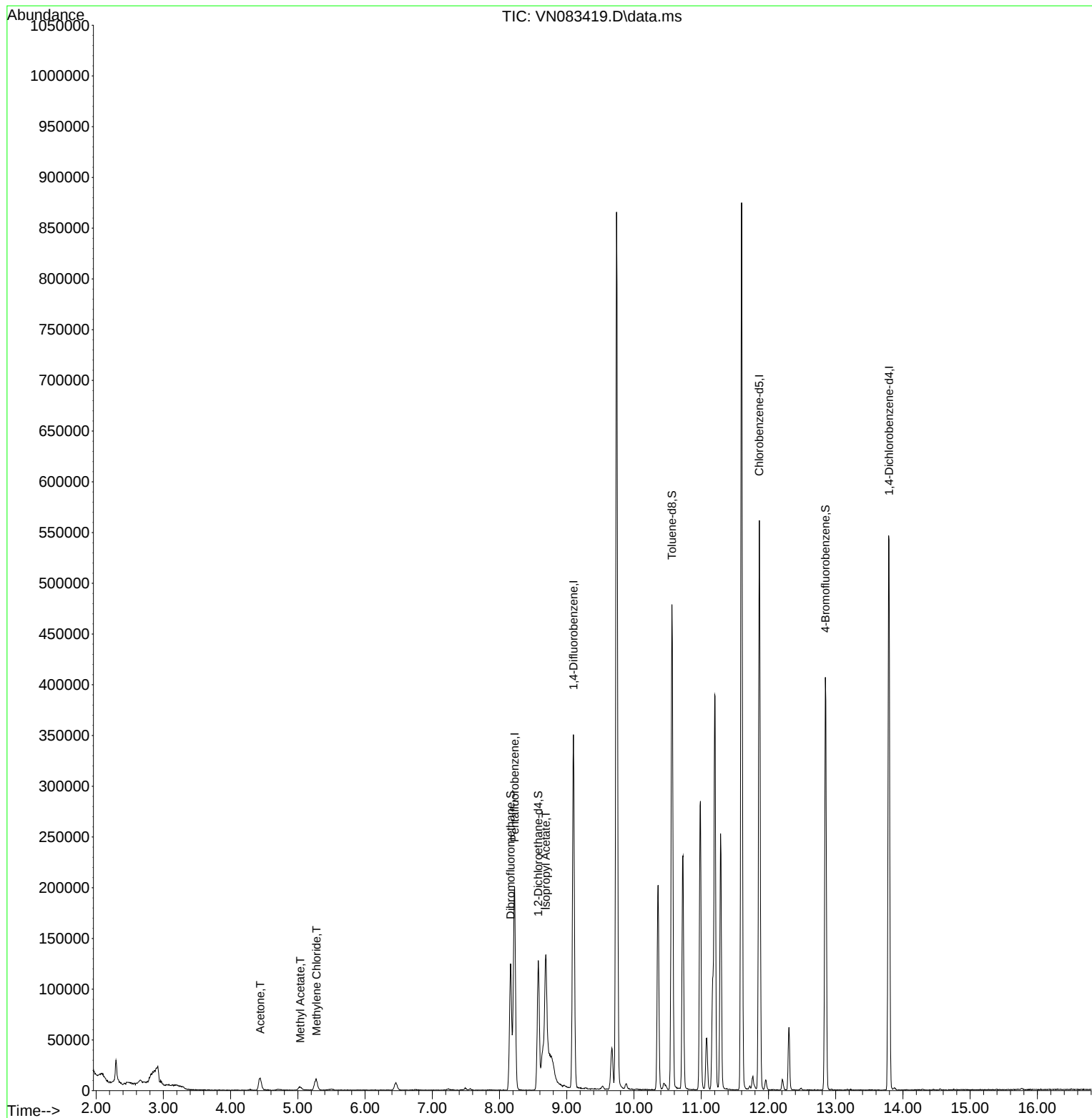
Internal Standards						
1) Pentafluorobenzene	8.224	168	137767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110197	56.196	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.400%	
35) Dibromofluoromethane	8.165	113	86686	48.283	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.560%	
50) Toluene-d8	10.565	98	322957	48.223	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.440%	
62) 4-Bromofluorobenzene	12.847	95	144496	55.342	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	110.680%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	24009	31.290	ug/l	97
18) Methyl Acetate	5.036	43	7246	3.169	ug/l	99
20) Methylene Chloride	5.277	84	8133	4.605	ug/l #	79
43) Isopropyl Acetate	8.688	43	271024	51.491	ug/l #	76

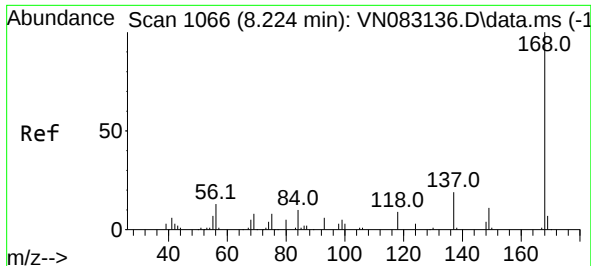
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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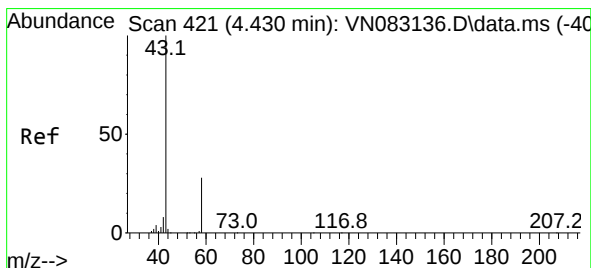
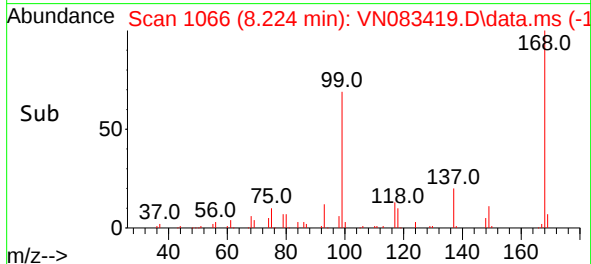
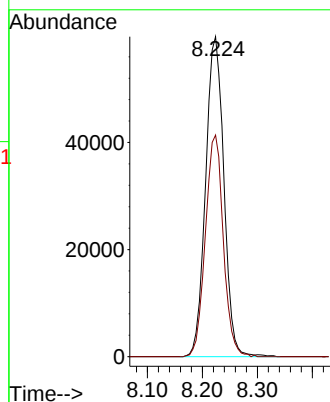
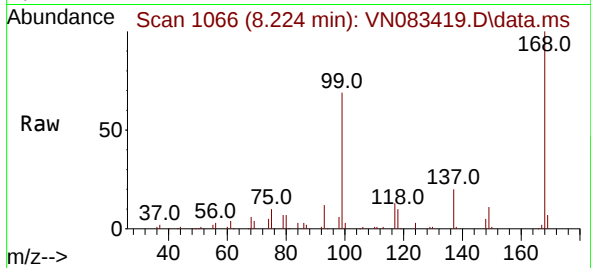




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

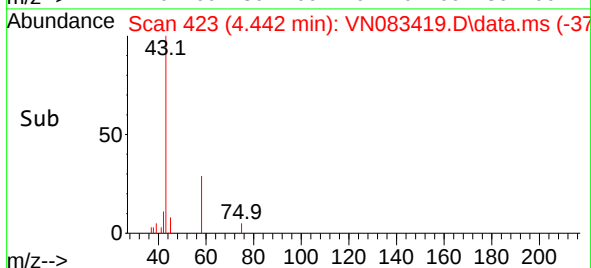
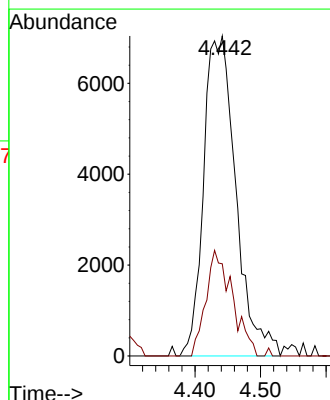
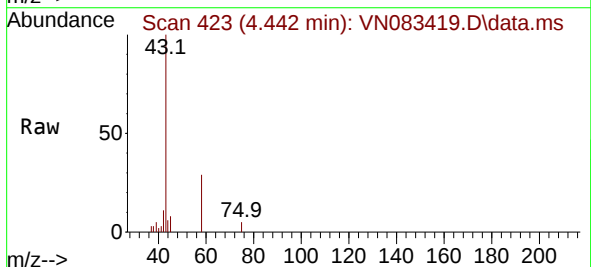
Instrument :
MSVOA_N
ClientSampleId :
Stock Pile-2

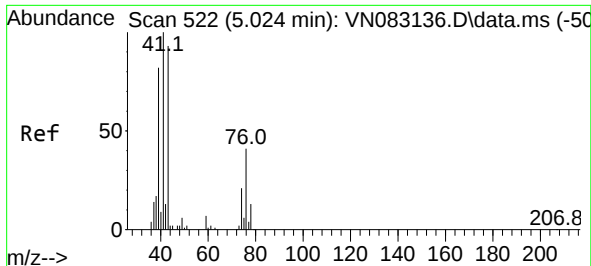
Tgt Ion:168 Resp: 137767
Ion Ratio Lower Upper
168 100
99 69.2 48.2 72.4



#16
Acetone
Concen: 31.290 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 43 Resp: 24009
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.6





#18

Methyl Acetate

Concen: 3.169 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN083419.D

Acq: 21 Aug 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

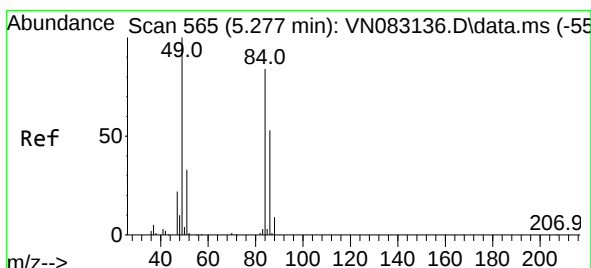
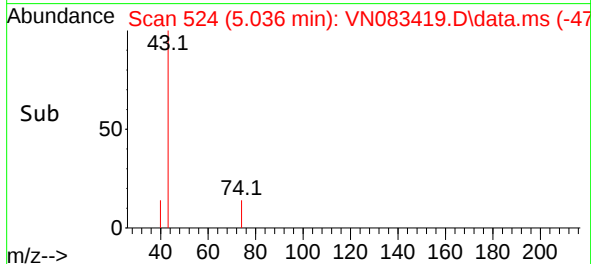
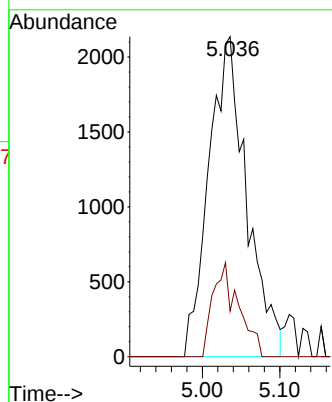
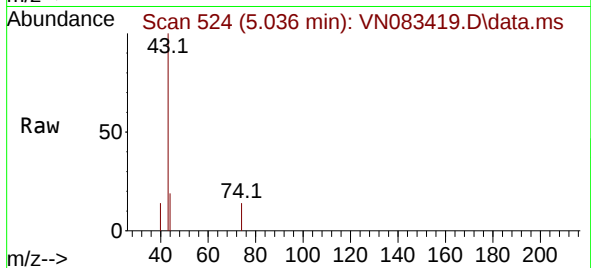
Stock Pile-2

Tgt Ion: 43 Resp: 7246

Ion Ratio Lower Upper

43 100

74 19.9 16.3 24.5



#20

Methylene Chloride

Concen: 4.605 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN083419.D

Acq: 21 Aug 2024 19:31

Tgt Ion: 84 Resp: 8133

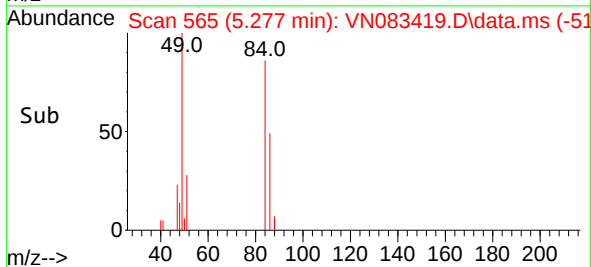
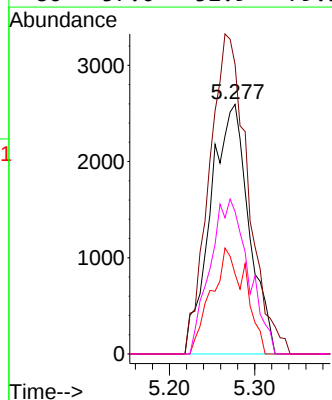
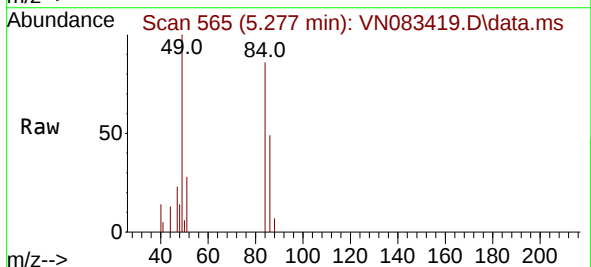
Ion Ratio Lower Upper

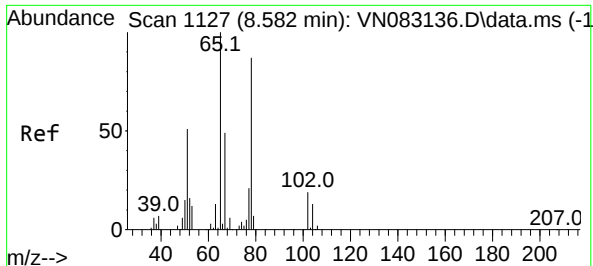
84 100

49 116.0 119.6 179.4#

51 32.1 34.8 52.2#

86 57.0 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 56.196 ug/l

RT: 8.577 min Scan# 1127

Delta R.T. -0.005 min

Lab File: VN083419.D

Acq: 21 Aug 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

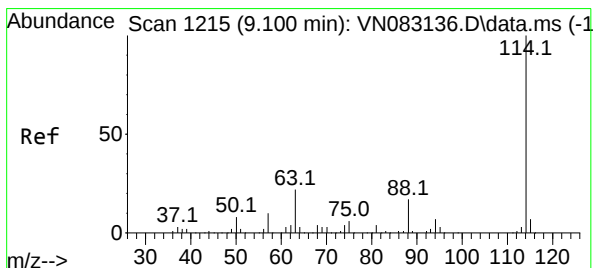
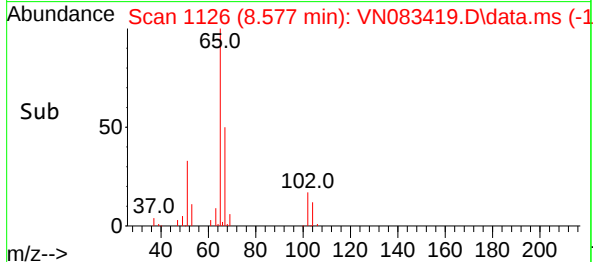
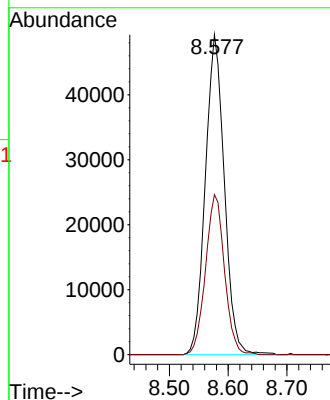
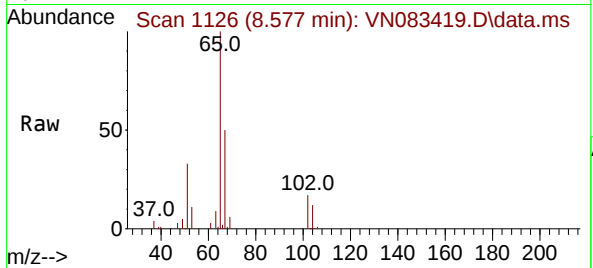
Stock Pile-2

Tgt Ion: 65 Resp: 110197

Ion Ratio Lower Upper

65 100

67 50.0 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: VN083419.D

Acq: 21 Aug 2024 19:31

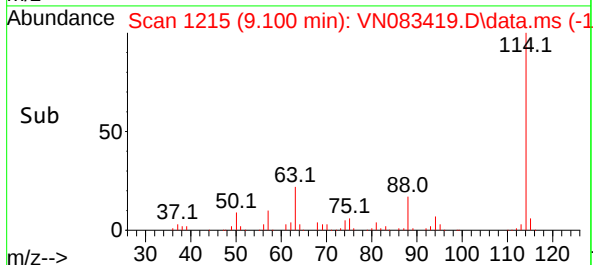
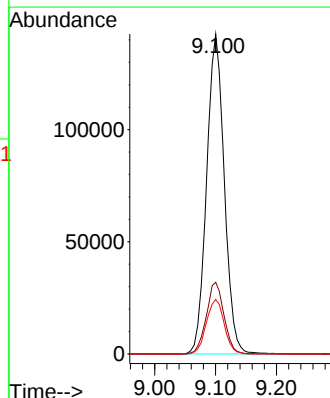
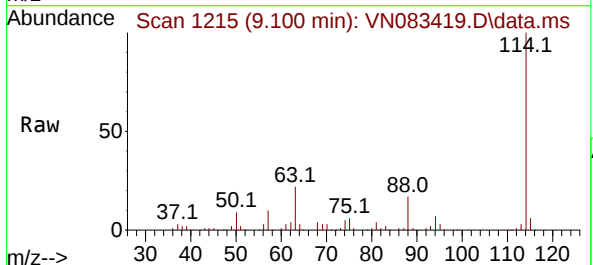
Tgt Ion: 114 Resp: 287638

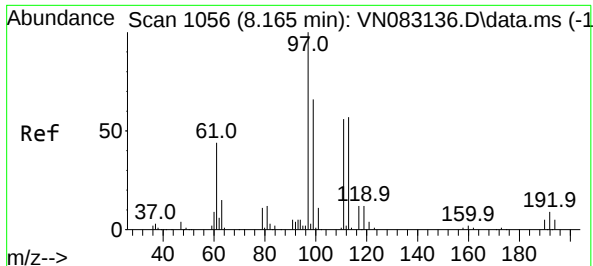
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 17.0 0.0 31.4

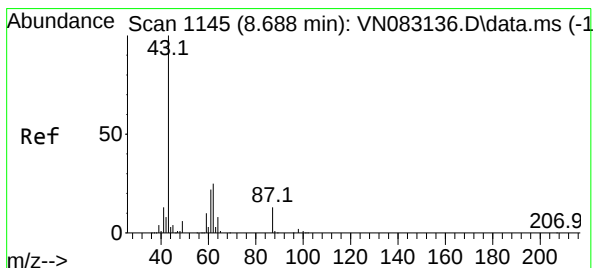
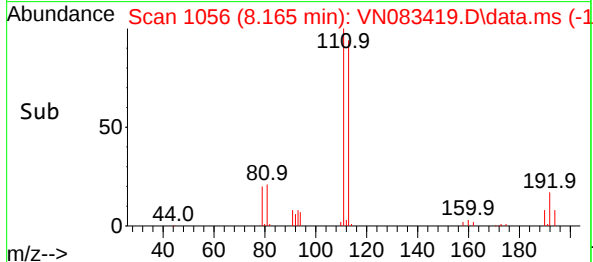
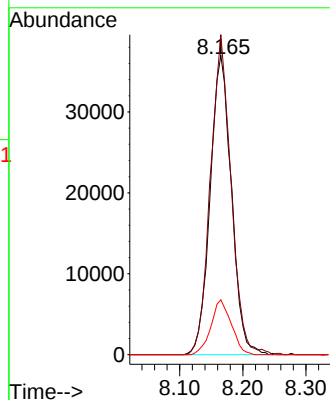
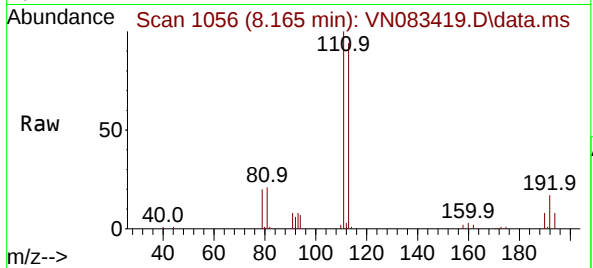




#35
Dibromofluoromethane
Concen: 48.283 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

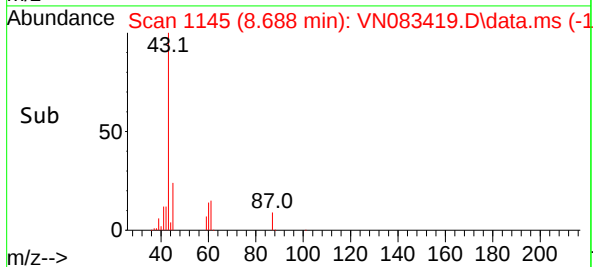
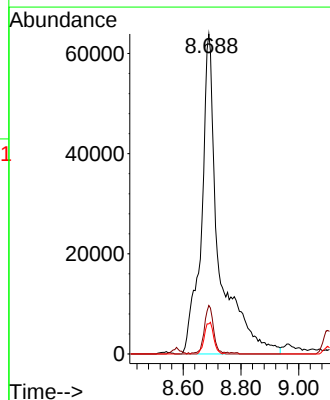
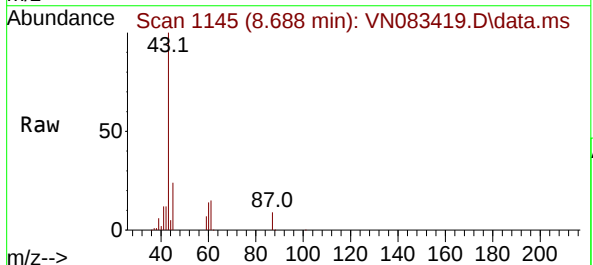
Instrument :
MSVOA_N
ClientSampleId :
Stock Pile-2

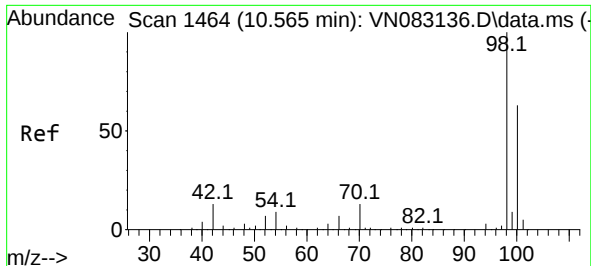
Tgt Ion:113 Resp: 86686
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.5 14.9 22.3



#43
Isopropyl Acetate
Concen: 51.491 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 43 Resp: 271024
Ion Ratio Lower Upper
43 100
61 8.2 17.8 26.6#
87 5.2 8.2 12.2#

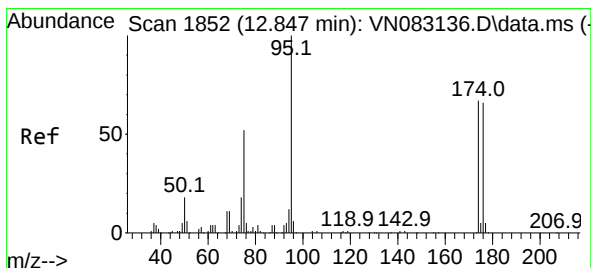
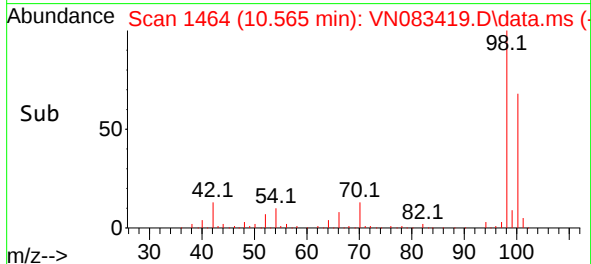
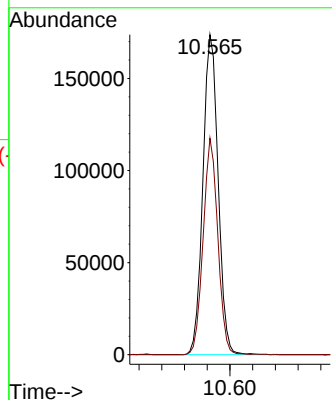
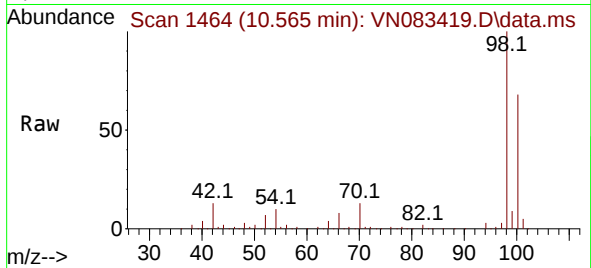




#50
Toluene-d8
Concen: 48.223 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

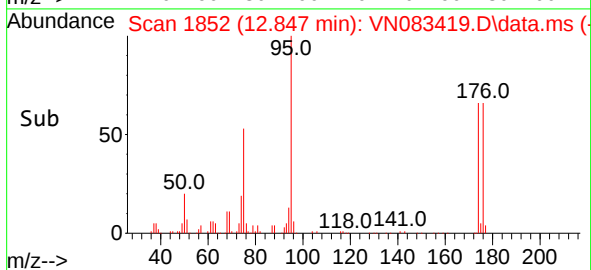
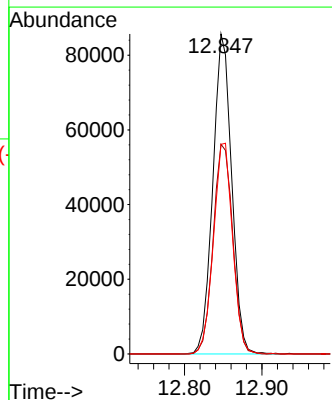
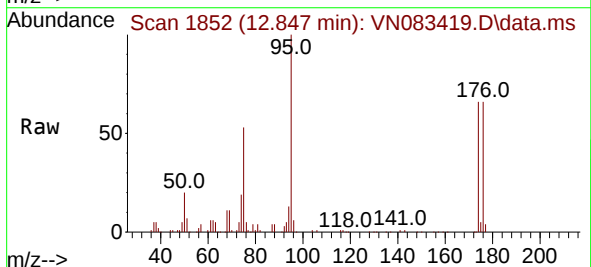
Instrument :
MSVOA_N
ClientSampleId :
Stock Pile-2

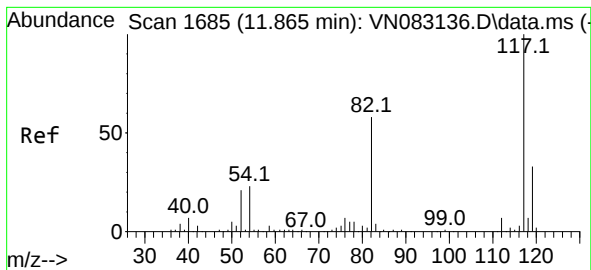
Tgt Ion: 98 Resp: 322957
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 55.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 95 Resp: 144496
Ion Ratio Lower Upper
95 100
174 68.2 0.0 159.2
176 67.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083419.D

Acq: 21 Aug 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

Stock Pile-2

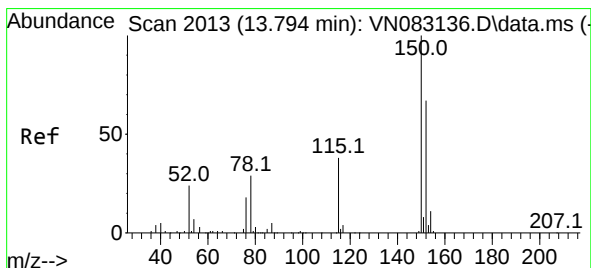
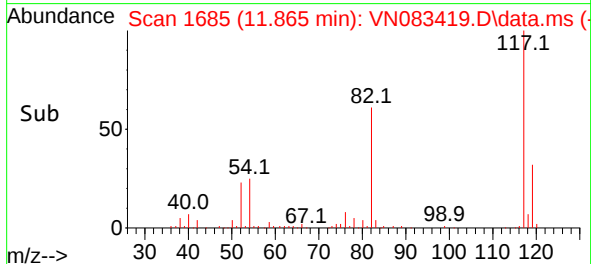
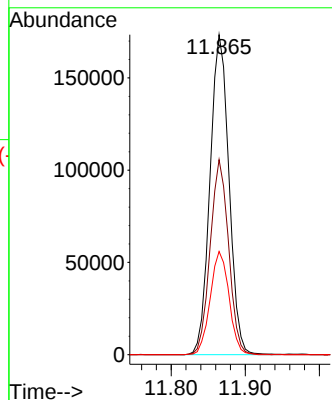
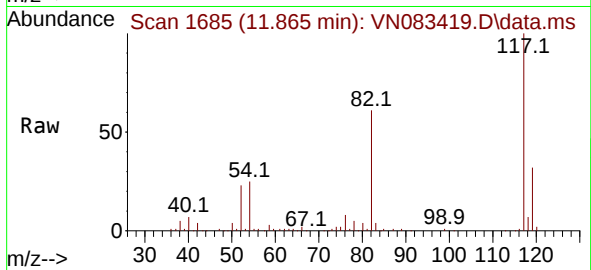
Tgt Ion:117 Resp: 307896

Ion Ratio Lower Upper

117 100

82 61.0 47.5 71.3

119 32.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083419.D

Acq: 21 Aug 2024 19:31

Tgt Ion:152 Resp: 145766

Ion Ratio Lower Upper

152 100

115 64.7 30.6 91.6

150 157.4 0.0 348.6

