

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081719.D
 Acq On : 12 Apr 2024 15:44
 Operator : JC\MD
 Sample : PB160181ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181ZHE#04

Quant Time: Apr 13 06:57:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

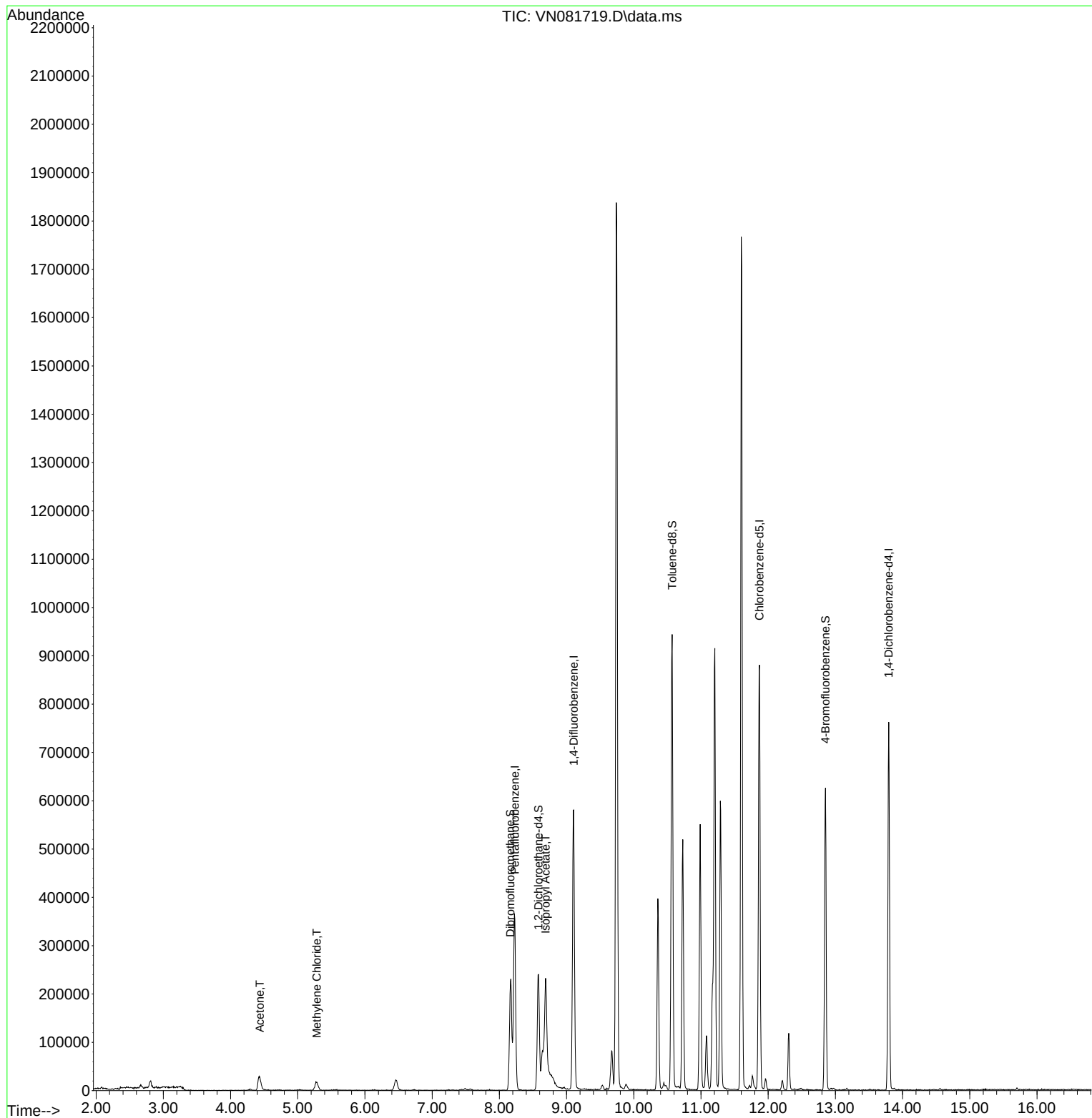
Internal Standards						
1) Pentafluorobenzene	8.229	168	251056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	498888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	520699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199852	62.422	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.840%			
35) Dibromofluoromethane	8.165	113	165956	52.710	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	10.571	98	647737	56.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.820%#			
62) 4-Bromofluorobenzene	12.853	95	208385	51.961	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.920%			
Target Compounds						Qvalue
16) Acetone	4.436	43	57348	55.425	ug/l	94
20) Methylene Chloride	5.283	84	14240	4.201	ug/l #	77
43) Isopropyl Acetate	8.688	43	377959	50.255	ug/l #	77

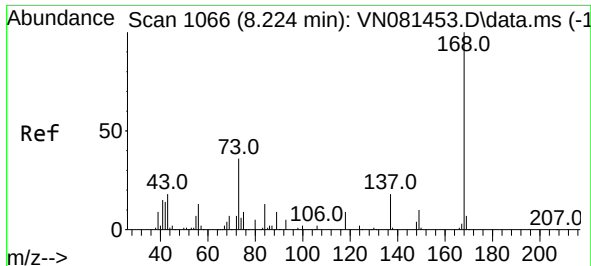
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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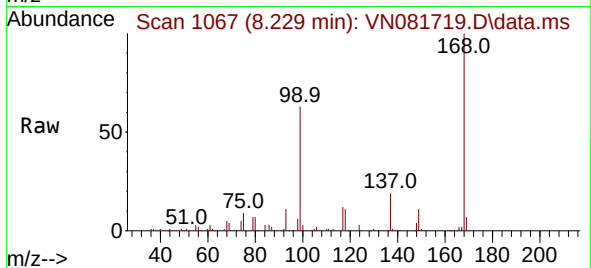
Quant Time: Apr 13 06:57:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
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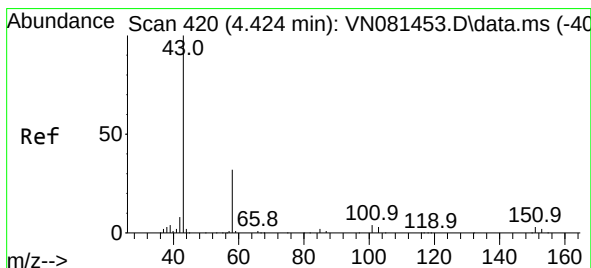
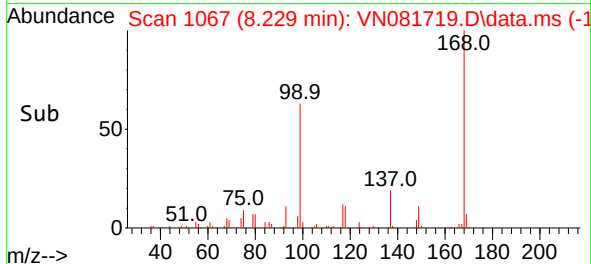
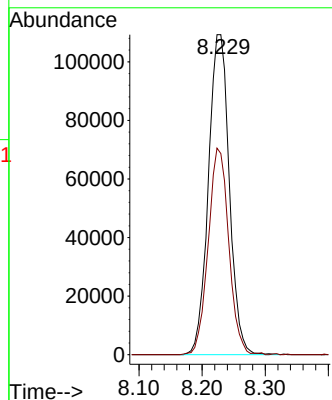


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081719.D
Acq: 12 Apr 2024 15:44

Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#04

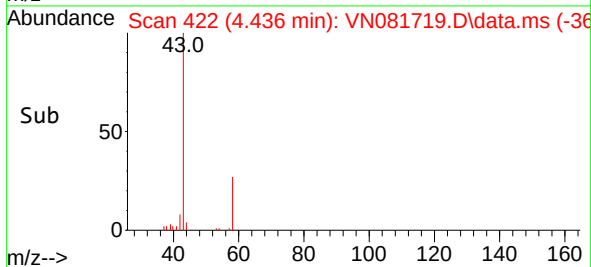
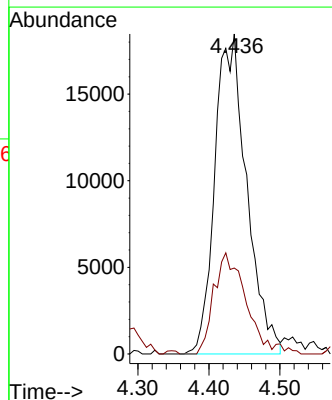
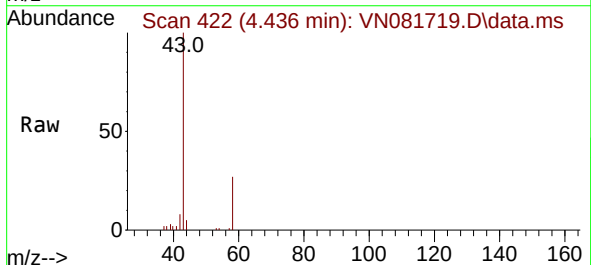


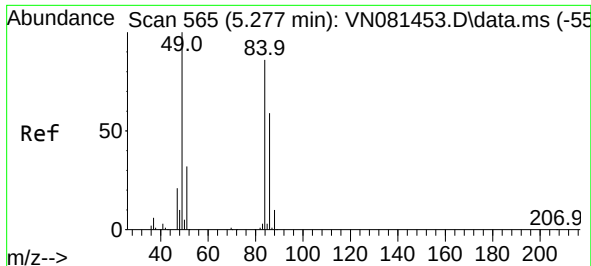
Tgt Ion:168 Resp: 251056
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9



#16
Acetone
Concen: 55.425 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081719.D
Acq: 12 Apr 2024 15:44

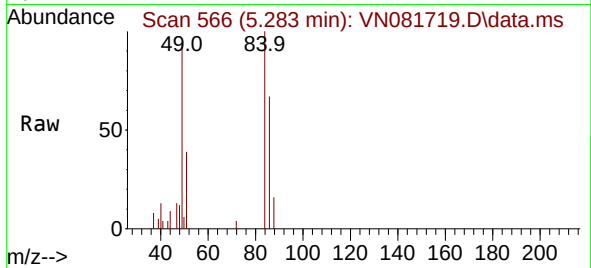
Tgt Ion: 43 Resp: 57348
Ion Ratio Lower Upper
43 100
58 27.8 24.8 37.2



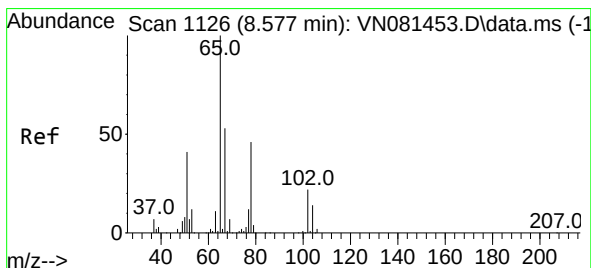
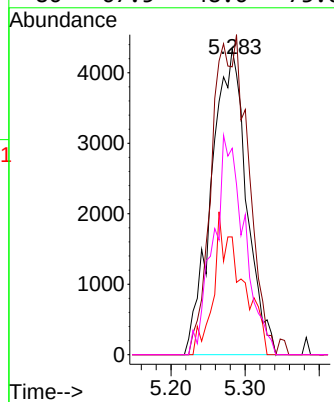
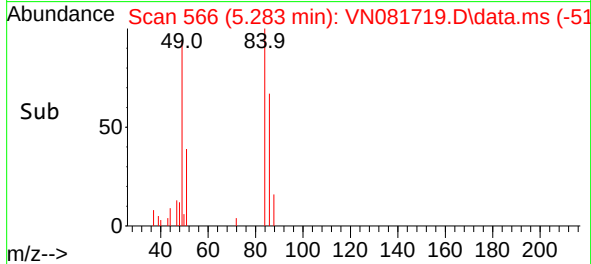


#20
Methylene Chloride
Concen: 4.201 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081719.D
Acq: 12 Apr 2024 15:44

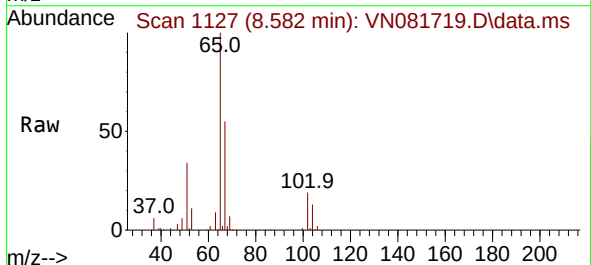
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#04



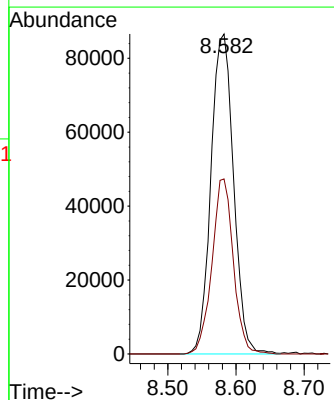
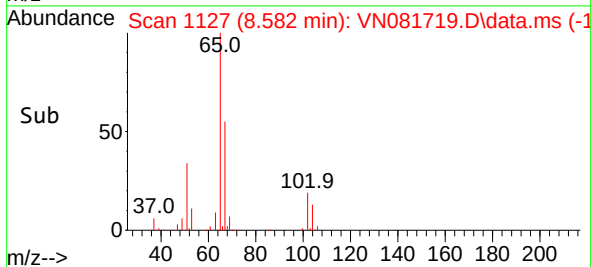
Tgt Ion: 84 Resp: 14240
Ion Ratio Lower Upper
84 100
49 94.1 108.1 162.1#
51 38.5 32.9 49.3
86 67.5 48.6 73.0

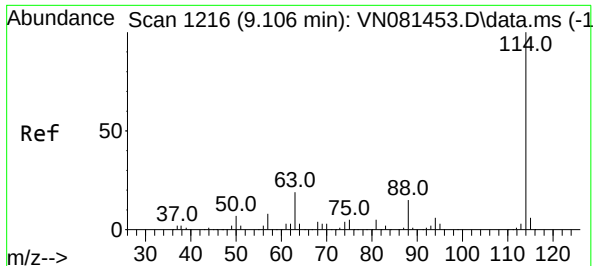


#33
1,2-Dichloroethane-d4
Concen: 62.422 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081719.D
Acq: 12 Apr 2024 15:44



Tgt Ion: 65 Resp: 199852
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081719.D

Acq: 12 Apr 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

PB160181ZHE#04

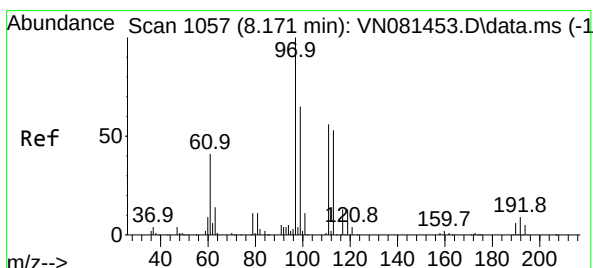
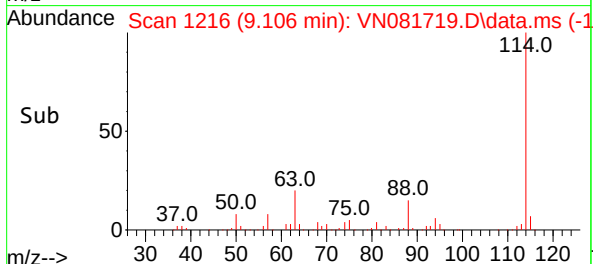
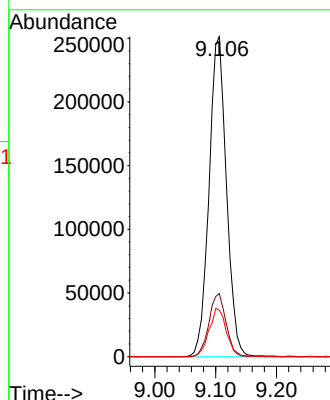
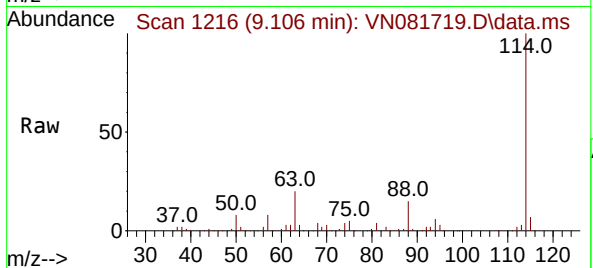
Tgt Ion:114 Resp: 498888

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 14.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.710 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081719.D

Acq: 12 Apr 2024 15:44

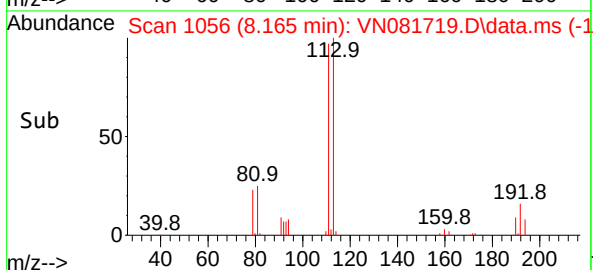
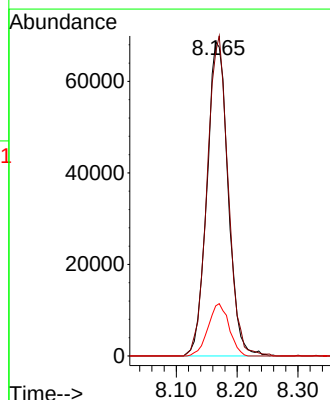
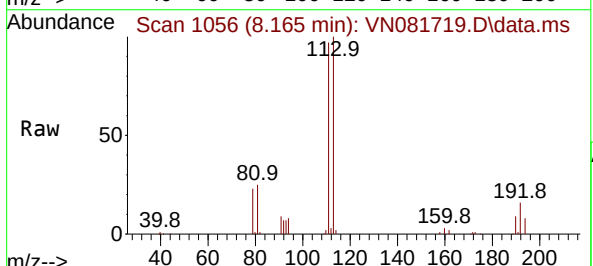
Tgt Ion:113 Resp: 165956

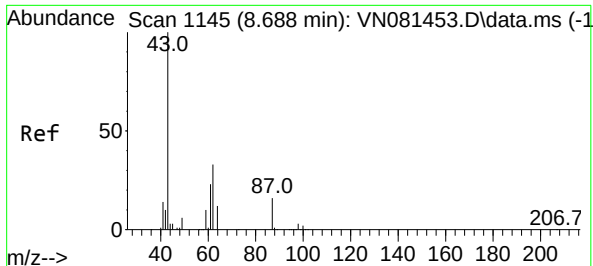
Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

192 16.5 12.5 18.7





#43

Isopropyl Acetate

Concen: 50.255 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081719.D

Acq: 12 Apr 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

PB160181ZHE#04

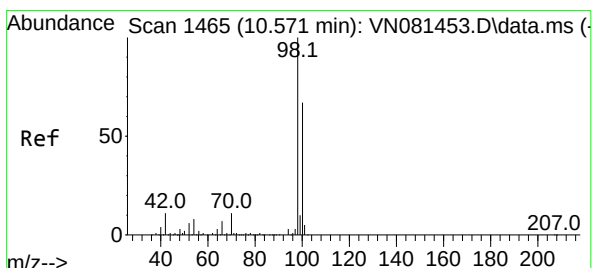
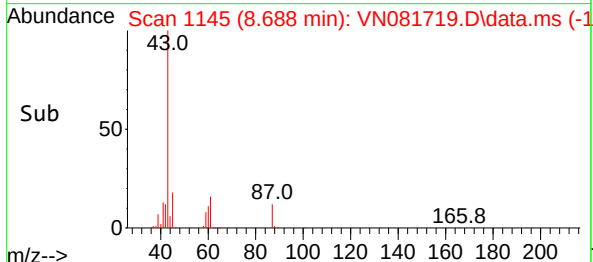
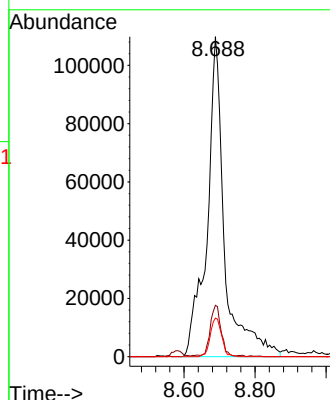
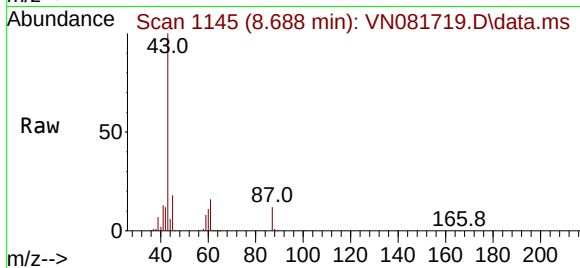
Tgt Ion: 43 Resp: 377959

Ion Ratio Lower Upper

43 100

61 10.1 19.9 29.9#

87 7.8 9.0 13.6#



#50

Toluene-d8

Concen: 56.912 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081719.D

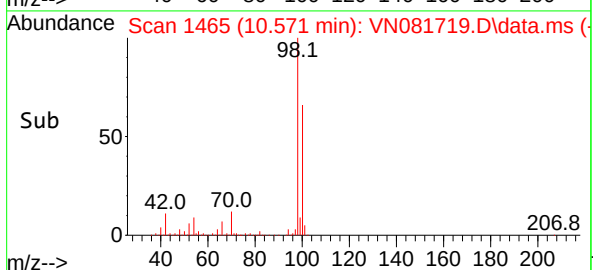
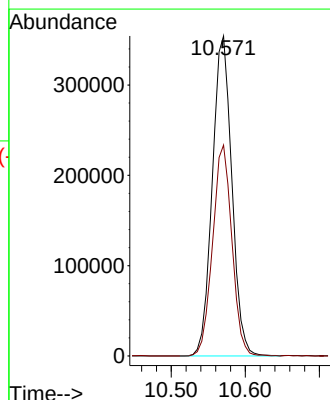
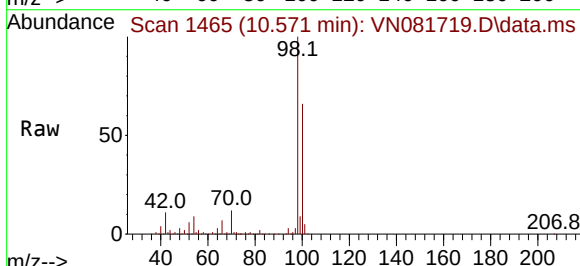
Acq: 12 Apr 2024 15:44

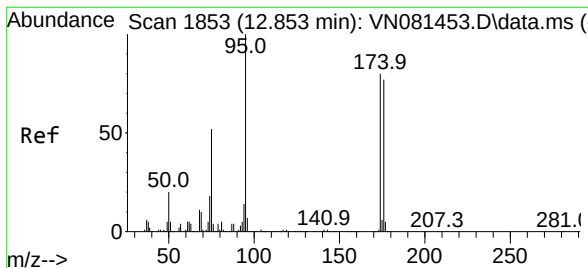
Tgt Ion: 98 Resp: 647737

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

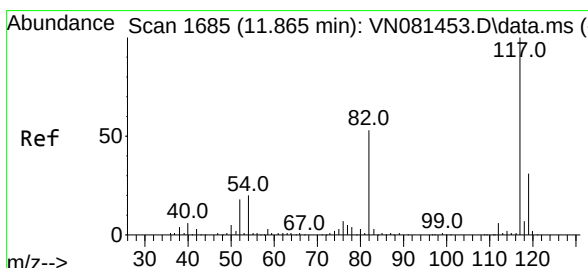
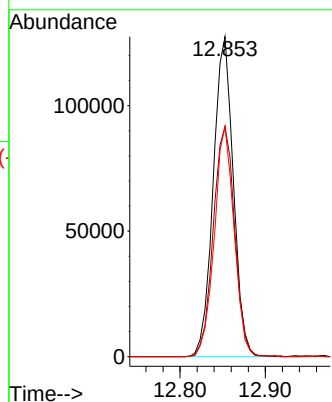
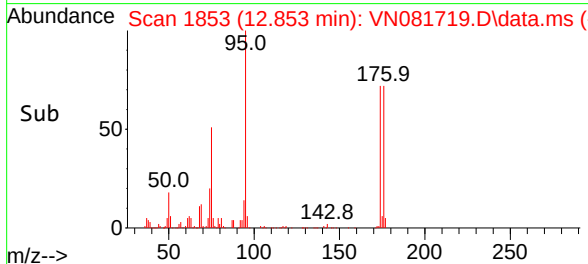
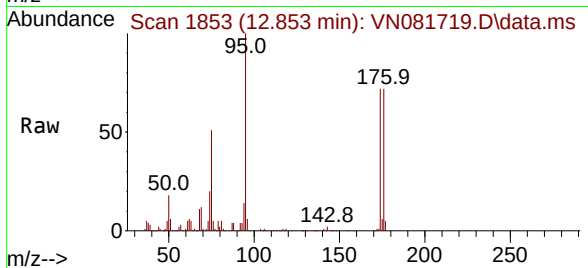




#62
4-Bromofluorobenzene
Concen: 51.961 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081719.D
Acq: 12 Apr 2024 15:44

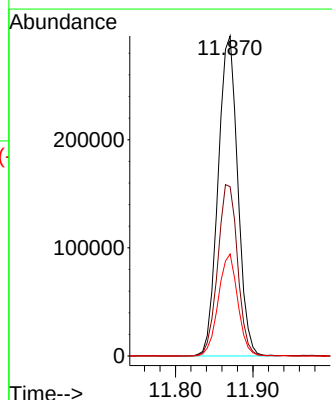
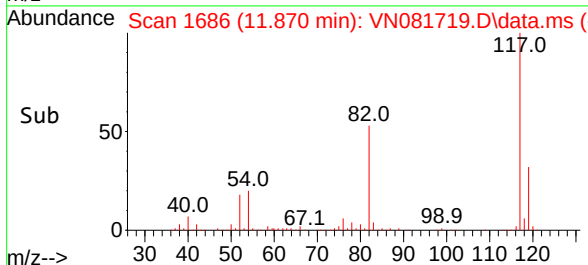
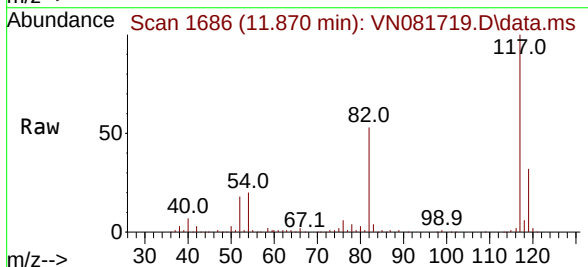
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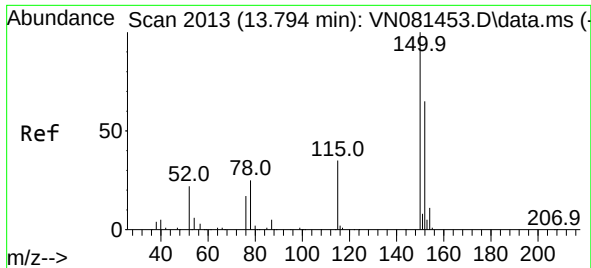
Tgt Ion: 95 Resp: 208385
Ion Ratio Lower Upper
95 100
174 76.7 0.0 120.4
176 70.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081719.D
Acq: 12 Apr 2024 15:44

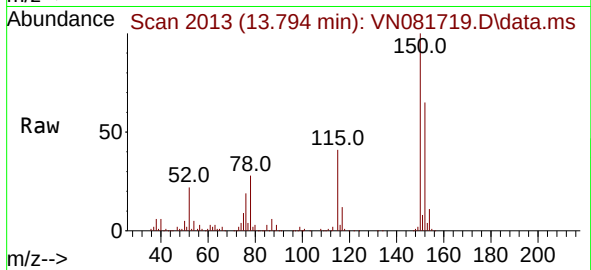
Tgt Ion: 117 Resp: 520699
Ion Ratio Lower Upper
117 100
82 52.9 52.7 79.1
119 31.9 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081719.D
 Acq: 12 Apr 2024 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181ZHE#04



Tgt Ion:152 Resp: 196516
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 156.1 0.0 339.8

