

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081725.D
 Acq On : 12 Apr 2024 18:07
 Operator : JC\MD
 Sample : PB160181TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181TB

Quant Time: Apr 13 07:00:13 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)

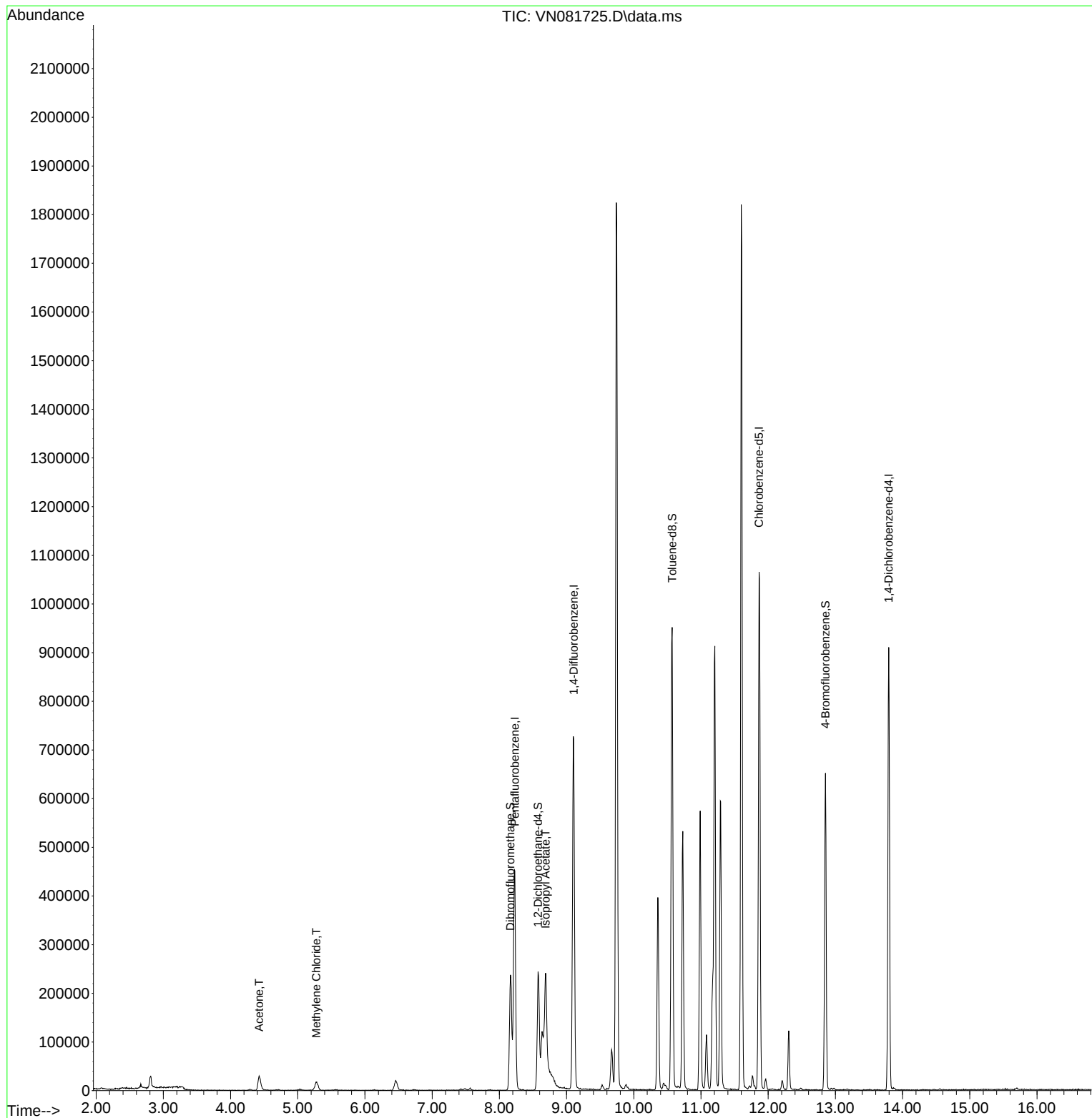
Internal Standards						
1) Pentafluorobenzene	8.230	168	319472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	631153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	631787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	199370	48.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.880%
35) Dibromofluoromethane	8.165	113	167532	42.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.120%
50) Toluene-d8	10.571	98	668990	46.461	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.853	95	217822	42.932	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.860%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	53450	40.595	ug/l	100
20) Methylene Chloride	5.277	84	14474	3.356	ug/l #	69
43) Isopropyl Acetate	8.688	43	329598	34.641	ug/l #	82

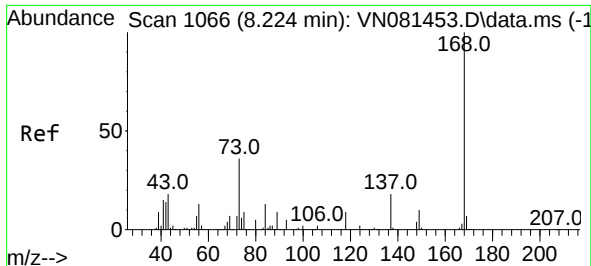
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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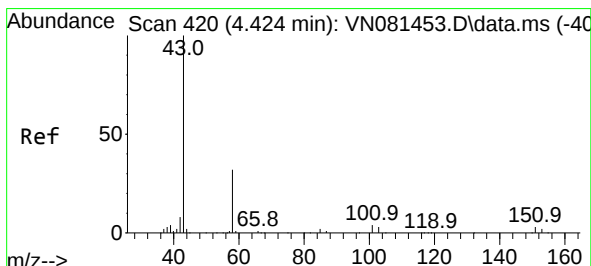
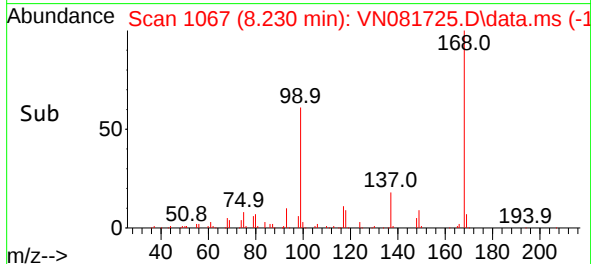
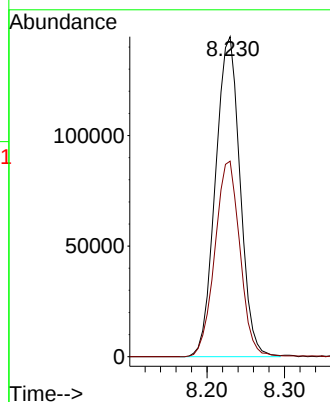
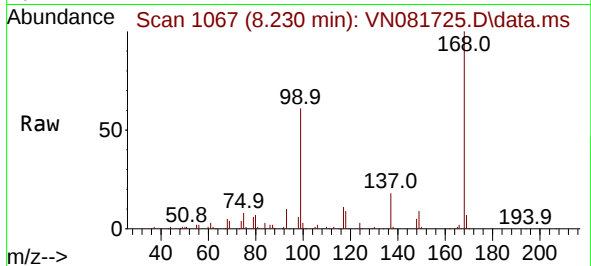




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081725.D
Acq: 12 Apr 2024 18:07

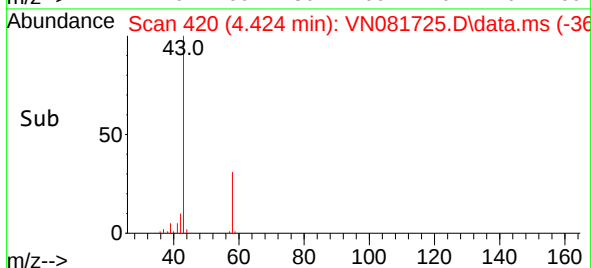
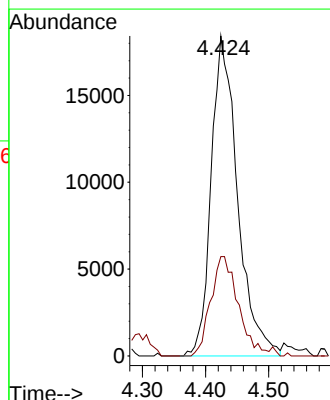
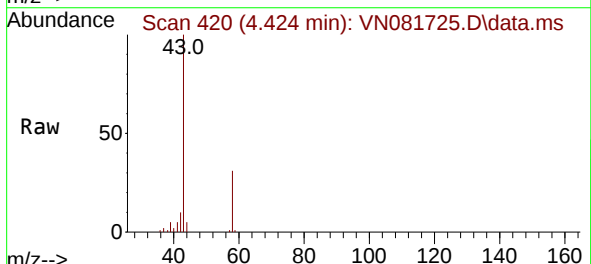
Instrument :
MSVOA_N
ClientSampleId :
PB160181TB

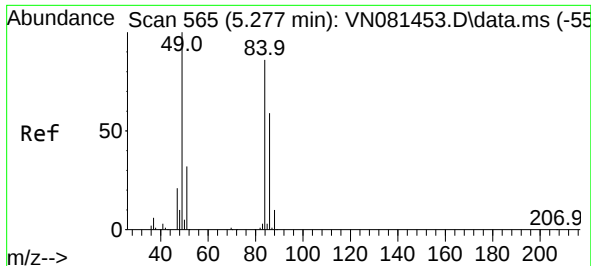
Tgt Ion:168 Resp: 319472
Ion Ratio Lower Upper
168 100
99 61.1 59.9 89.9



#16
Acetone
Concen: 40.595 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081725.D
Acq: 12 Apr 2024 18:07

Tgt Ion: 43 Resp: 53450
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2

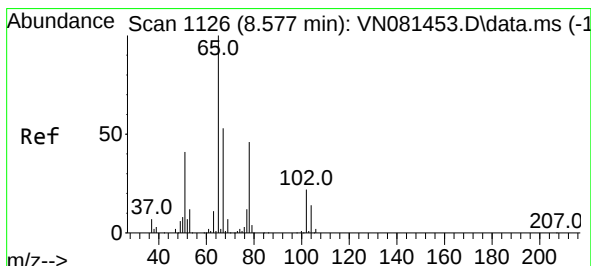
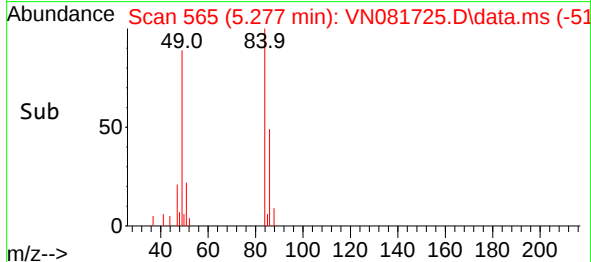
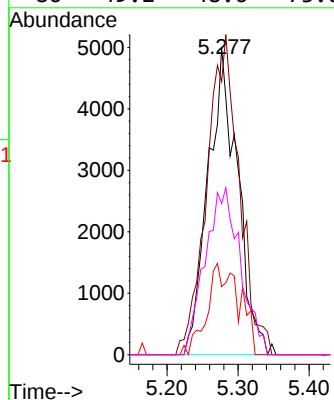
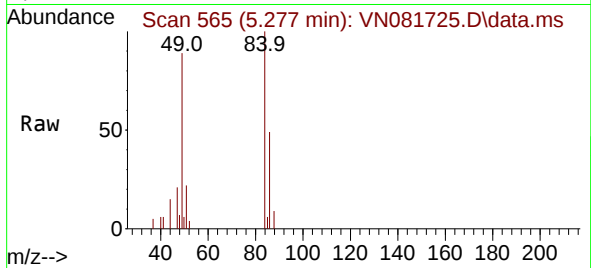




#20
Methylene Chloride
Concen: 3.356 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081725.D
Acq: 12 Apr 2024 18:07

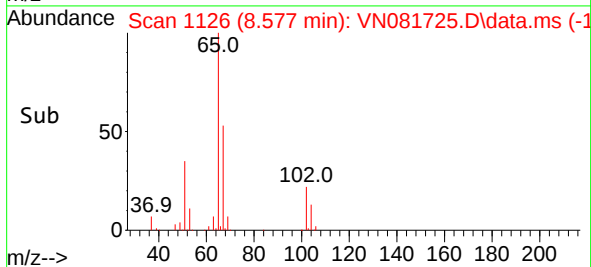
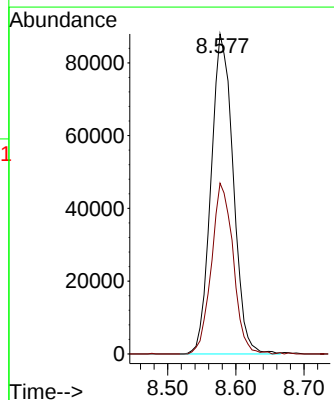
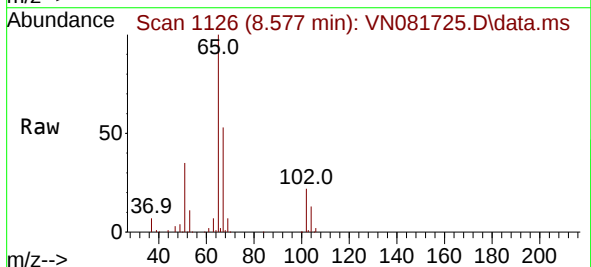
Instrument :
MSVOA_N
ClientSampleId :
PB160181TB

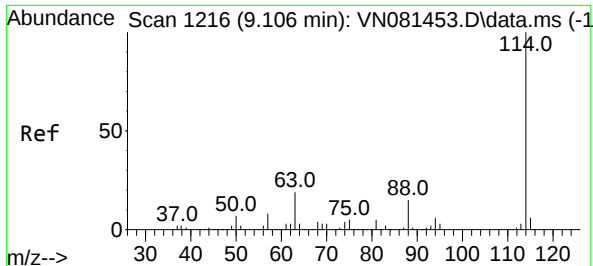
Tgt Ion:	84	Resp:	14474
Ion	Ratio	Lower	Upper
84	100		
49	88.9	108.1	162.1#
51	22.2	32.9	49.3#
86	49.2	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 48.936 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081725.D
Acq: 12 Apr 2024 18:07

Tgt Ion:	65	Resp:	199370
Ion	Ratio	Lower	Upper
65	100		
67	52.4	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: VN081725.D

Acq: 12 Apr 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

PB160181TB

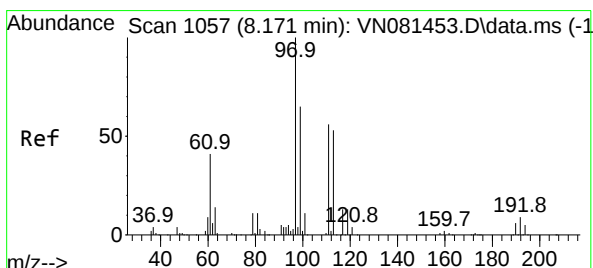
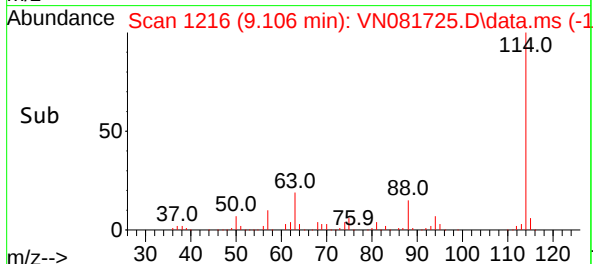
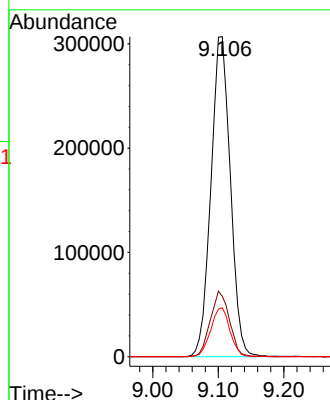
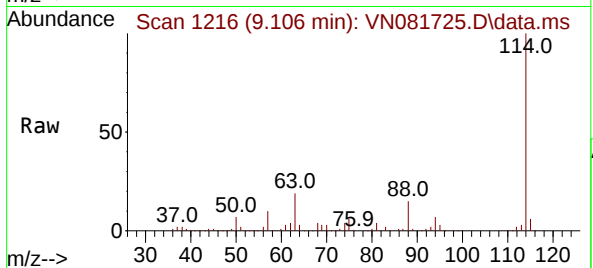
Tgt Ion:114 Resp: 631153

Ion Ratio Lower Upper

114 100

63 18.9 0.0 48.0

88 15.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 42.059 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081725.D

Acq: 12 Apr 2024 18:07

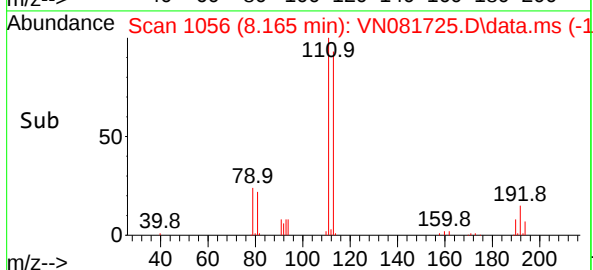
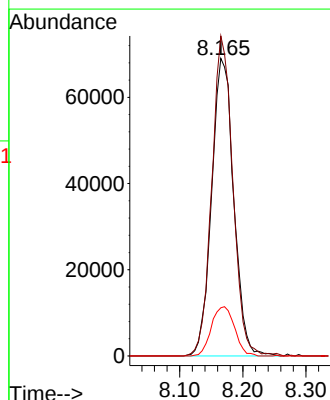
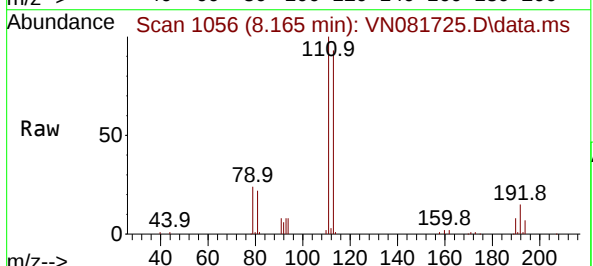
Tgt Ion:113 Resp: 167532

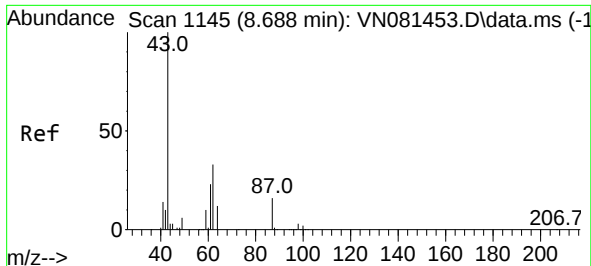
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.4 12.5 18.7





#43

Isopropyl Acetate

Concen: 34.641 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081725.D

Acq: 12 Apr 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

PB160181TB

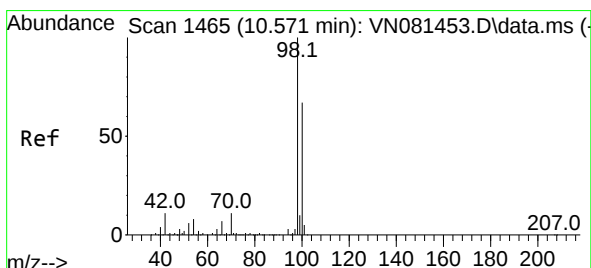
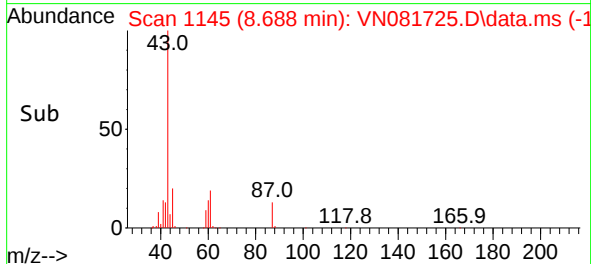
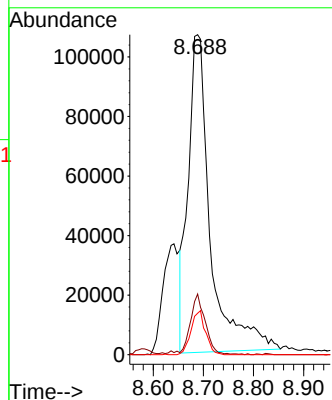
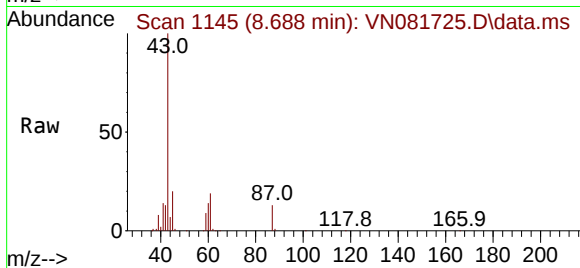
Tgt Ion: 43 Resp: 329598

Ion Ratio Lower Upper

43 100

61 13.0 19.9 29.9#

87 9.0 9.0 13.6#



#50

Toluene-d8

Concen: 46.461 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081725.D

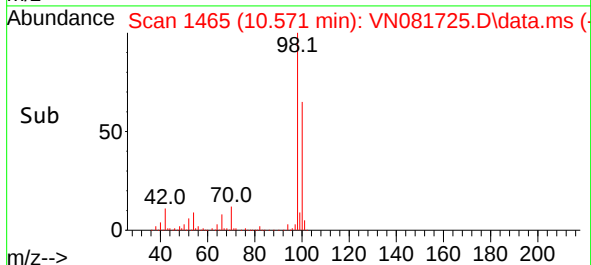
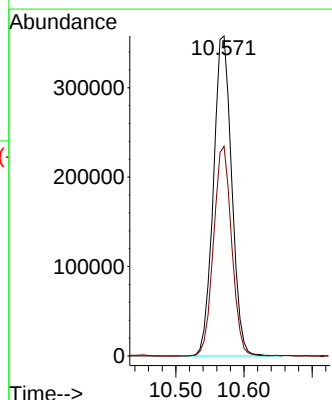
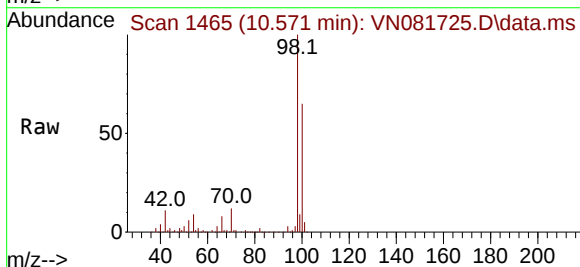
Acq: 12 Apr 2024 18:07

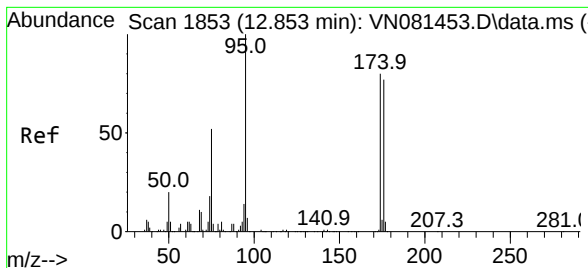
Tgt Ion: 98 Resp: 668990

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

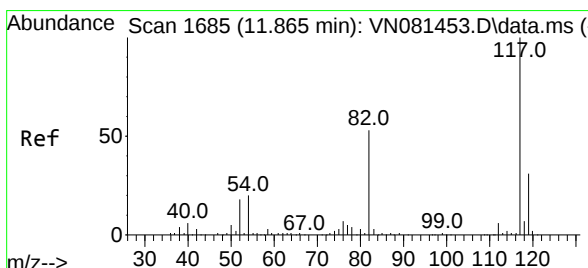
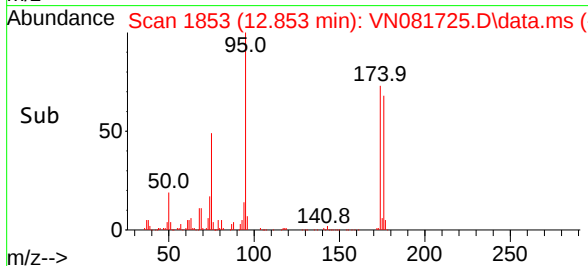
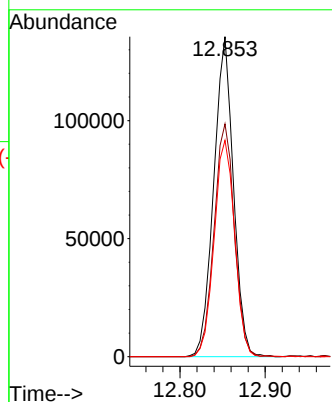
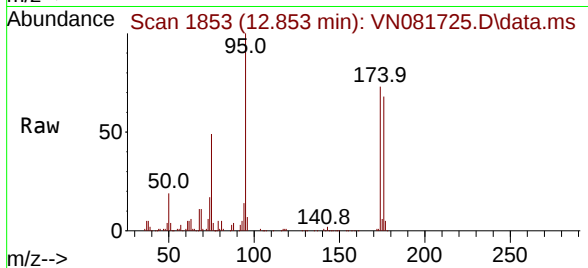




#62
4-Bromofluorobenzene
Concen: 42.932 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081725.D
Acq: 12 Apr 2024 18:07

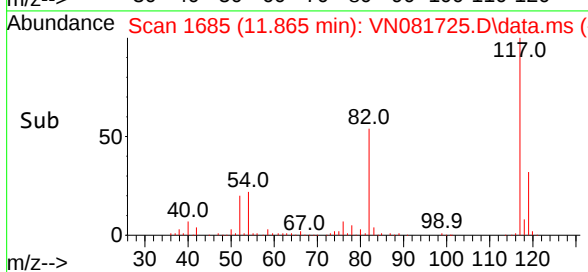
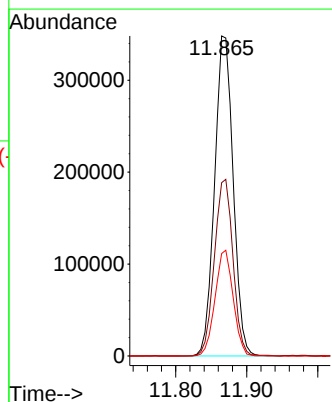
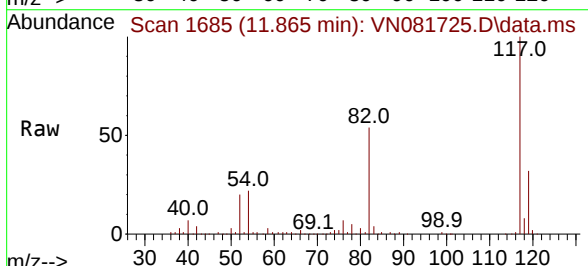
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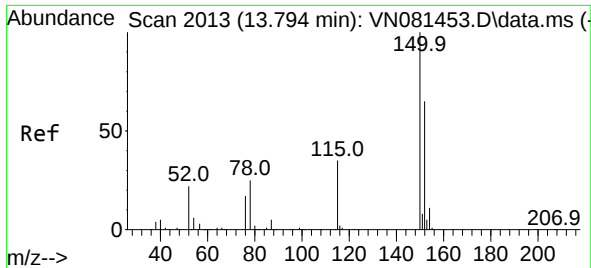
Tgt Ion: 95 Resp: 217822
Ion Ratio Lower Upper
95 100
174 75.1 0.0 120.4
176 70.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081725.D
Acq: 12 Apr 2024 18:07

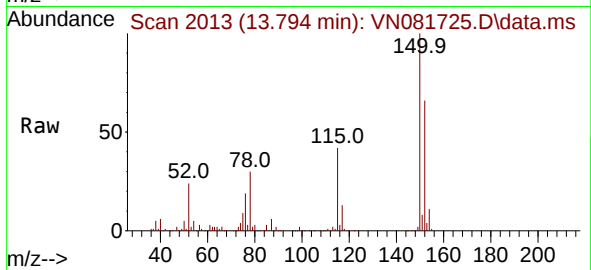
Tgt Ion: 117 Resp: 631787
Ion Ratio Lower Upper
117 100
82 54.2 52.7 79.1
119 32.0 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081725.D
 Acq: 12 Apr 2024 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181TB



Tgt Ion:152 Resp: 240328
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 155.7 0.0 339.8

