

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081716.D
 Acq On : 12 Apr 2024 14:32
 Operator : JC\MD
 Sample : PB160181ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181ZHE#01

Quant Time: Apr 13 06:56:24 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)

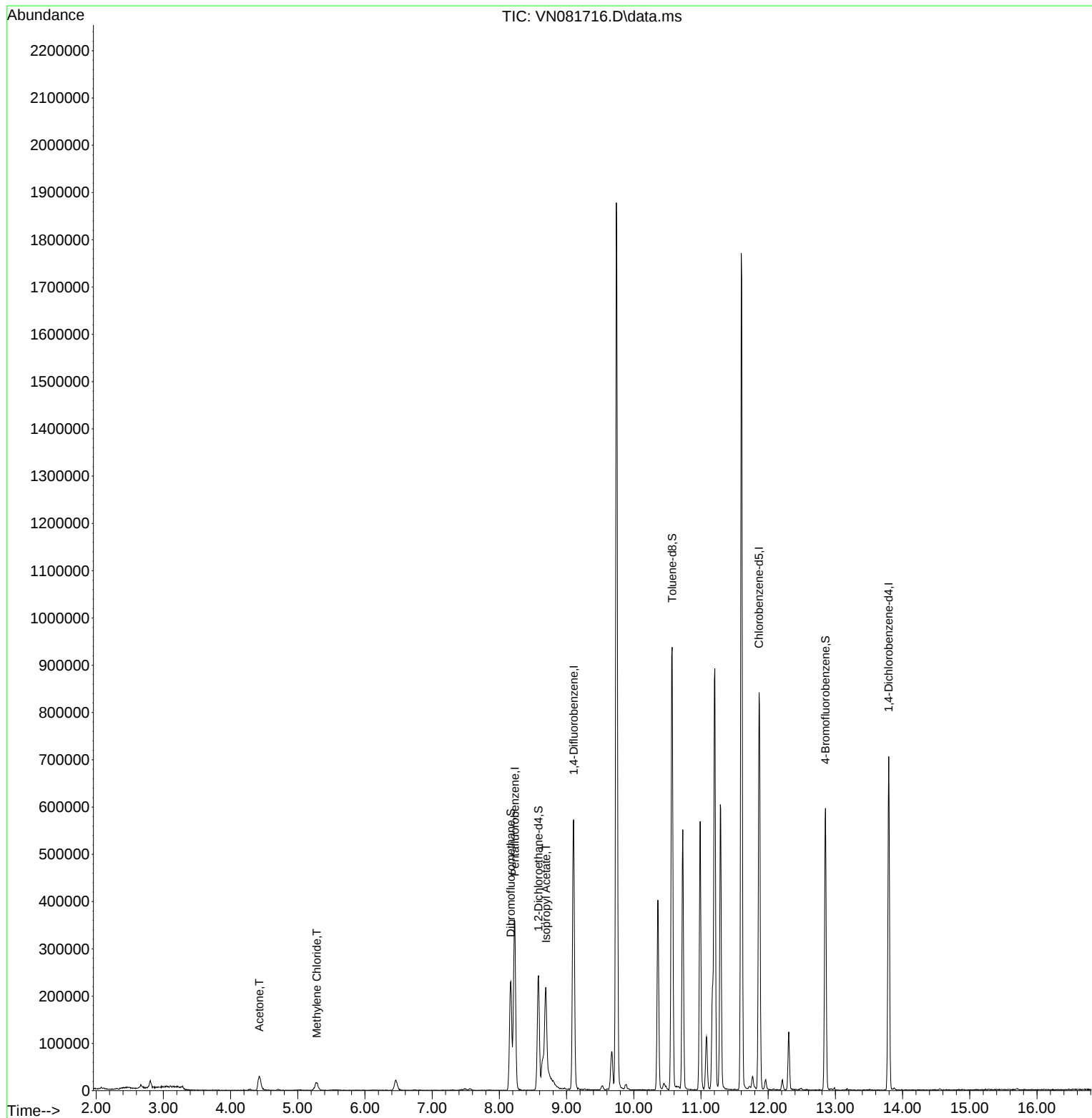
Internal Standards						
1) Pentafluorobenzene	8.230	168	257131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	499419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199298	60.778	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.560%		
35) Dibromofluoromethane	8.171	113	165698	52.237	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.480%		
50) Toluene-d8	10.571	98	652125	56.872	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 113.740%#		
62) 4-Bromofluorobenzene	12.853	95	202443	50.105	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 100.220%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	56238	53.068	ug/l	98
20) Methylene Chloride	5.283	84	14367	4.139	ug/l #	72
43) Isopropyl Acetate	8.694	43	315254	41.607	ug/l #	81

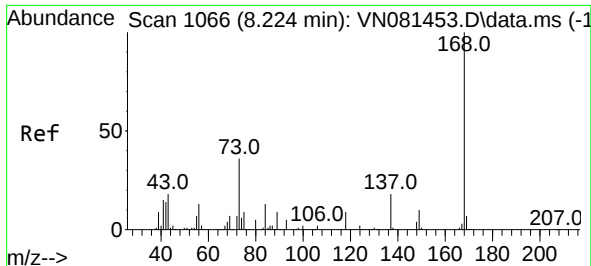
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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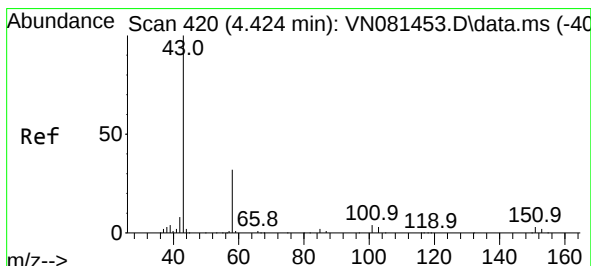
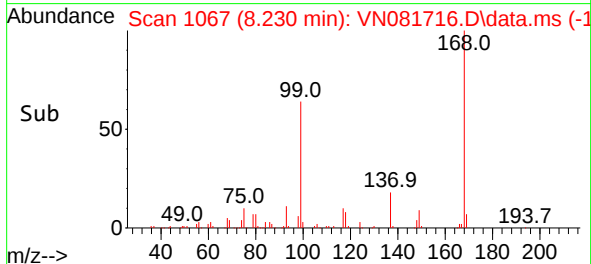
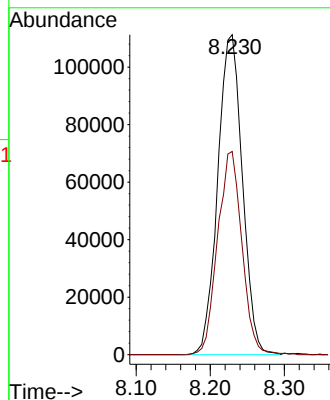
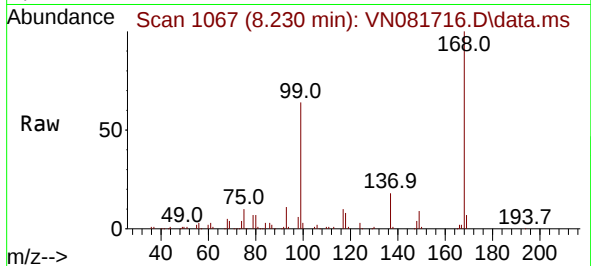




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081716.D
Acq: 12 Apr 2024 14:32

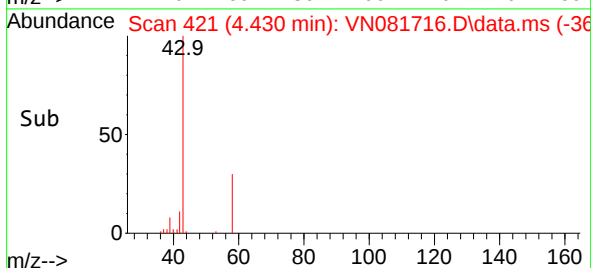
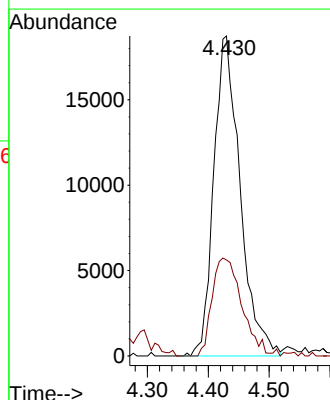
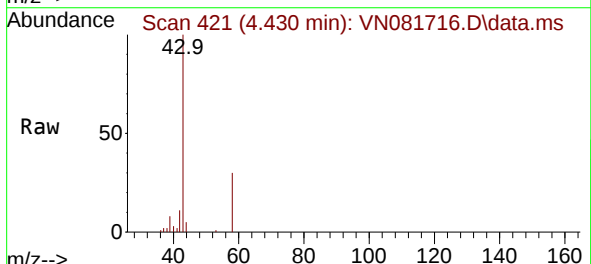
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#01

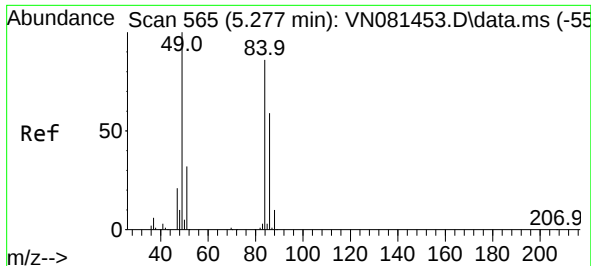
Tgt Ion:168 Resp: 257131
Ion Ratio Lower Upper
168 100
99 63.5 59.9 89.9



#16
Acetone
Concen: 53.068 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081716.D
Acq: 12 Apr 2024 14:32

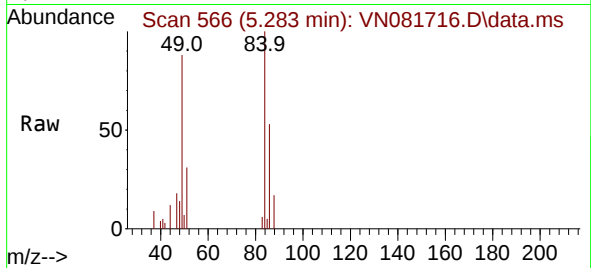
Tgt Ion: 43 Resp: 56238
Ion Ratio Lower Upper
43 100
58 30.0 24.8 37.2



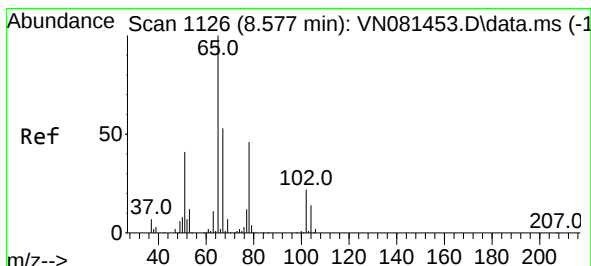
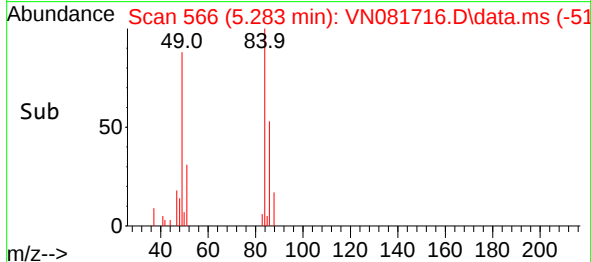
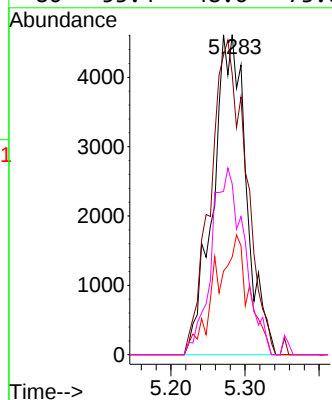


#20
Methylene Chloride
Concen: 4.139 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081716.D
Acq: 12 Apr 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#01

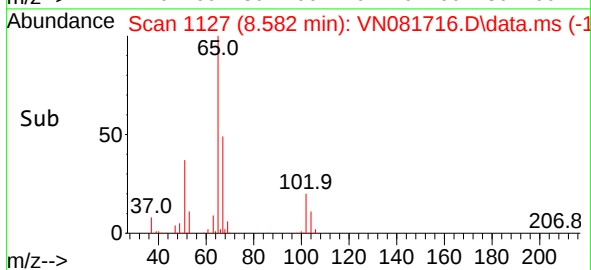
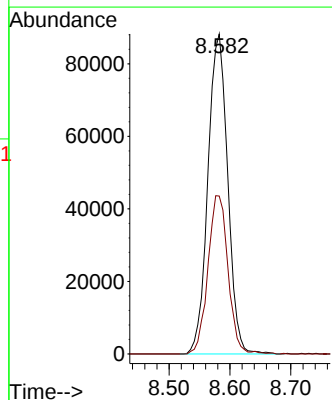
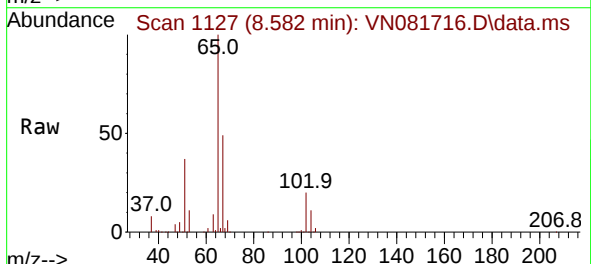


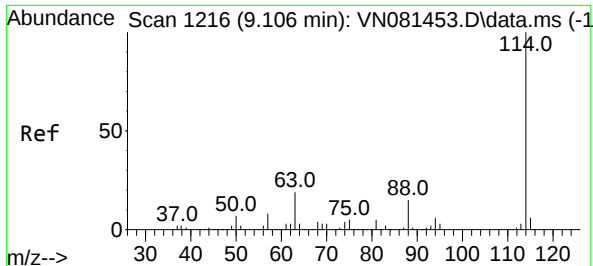
Tgt Ion: 84 Resp: 14367
Ion Ratio Lower Upper
84 100
49 87.6 108.1 162.1#
51 30.6 32.9 49.3#
86 53.4 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 60.778 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081716.D
Acq: 12 Apr 2024 14:32

Tgt Ion: 65 Resp: 199298
Ion Ratio Lower Upper
65 100
67 50.3 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: VN081716.D

Acq: 12 Apr 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB160181ZHE#01

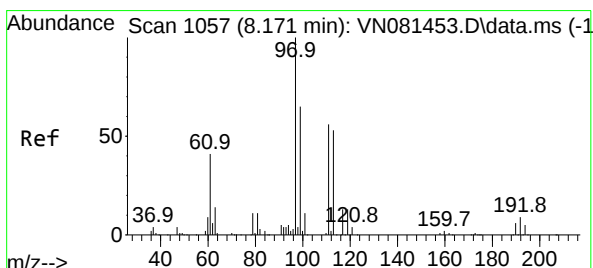
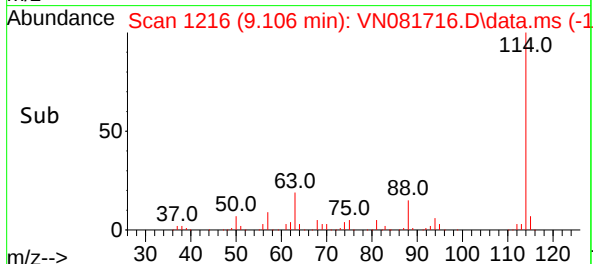
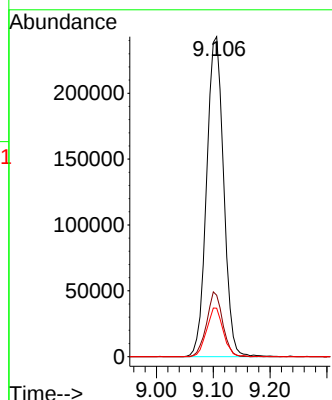
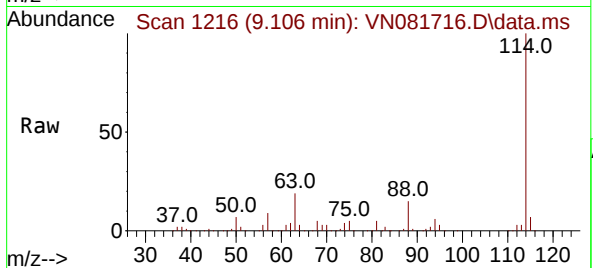
Tgt Ion:114 Resp: 502618

Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.237 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081716.D

Acq: 12 Apr 2024 14:32

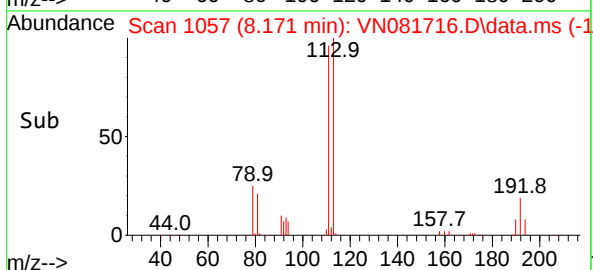
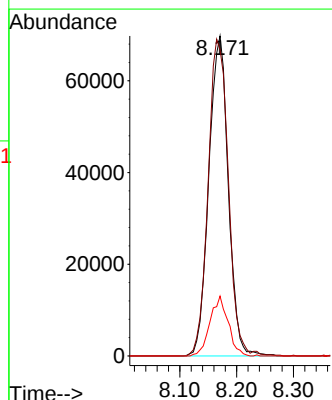
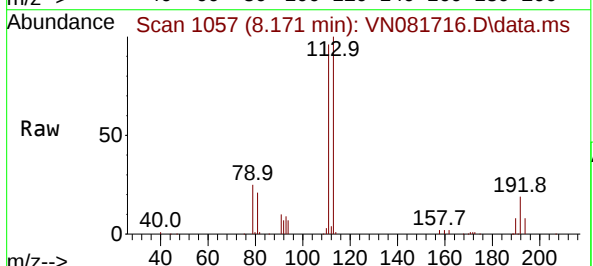
Tgt Ion:113 Resp: 165698

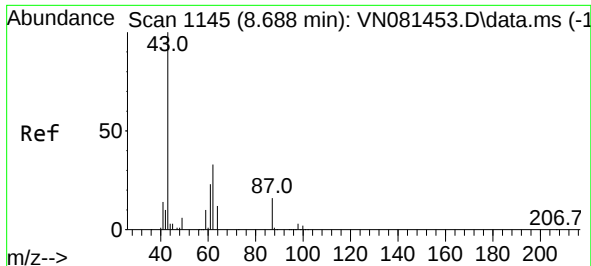
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 17.5 12.5 18.7

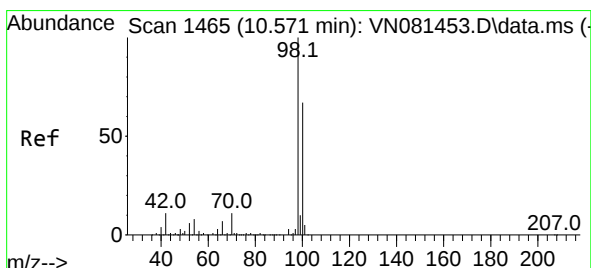
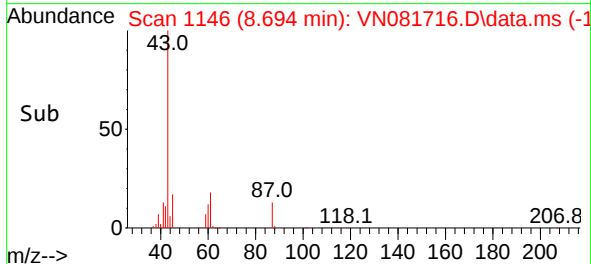
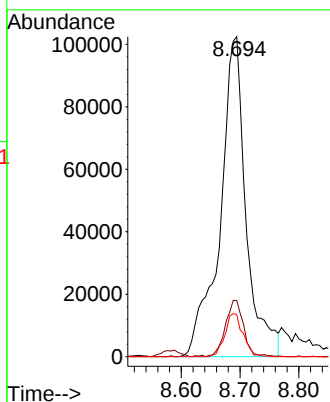
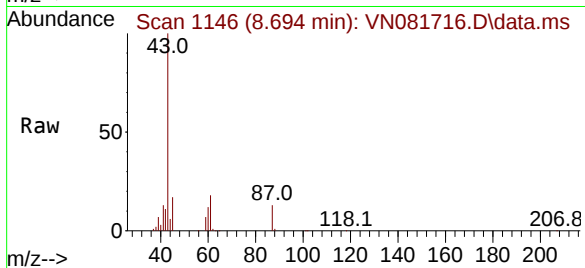




#43
Isopropyl Acetate
Concen: 41.607 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081716.D
Acq: 12 Apr 2024 14:32

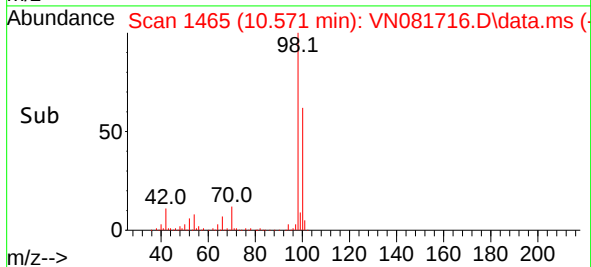
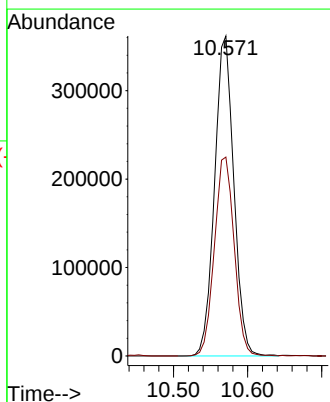
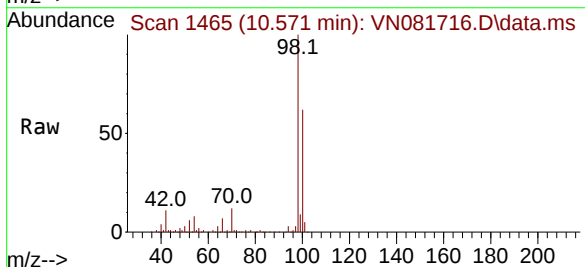
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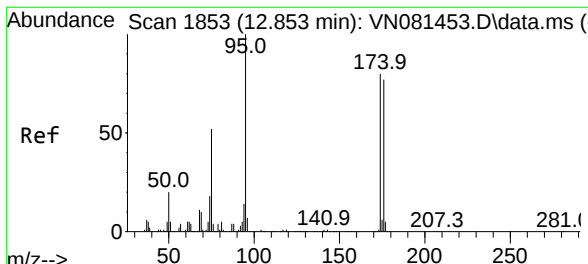
Tgt Ion: 43 Resp: 315254
Ion Ratio Lower Upper
43 100
61 12.3 19.9 29.9#
87 9.3 9.0 13.6



#50
Toluene-d8
Concen: 56.872 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081716.D
Acq: 12 Apr 2024 14:32

Tgt Ion: 98 Resp: 652125
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



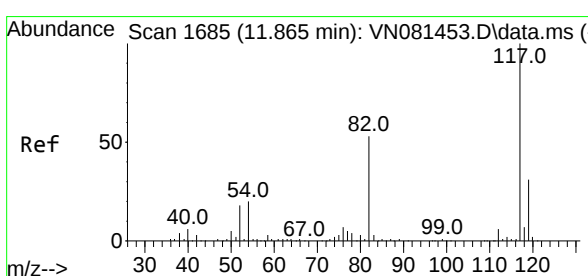
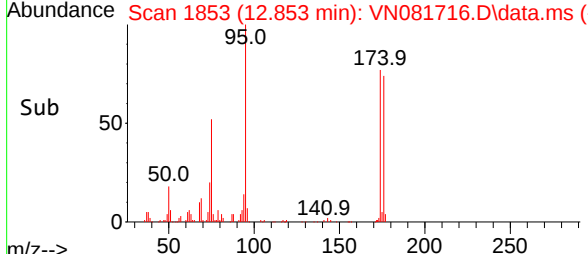
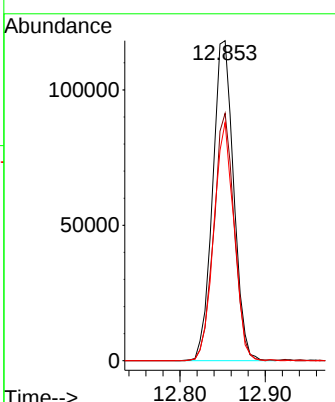
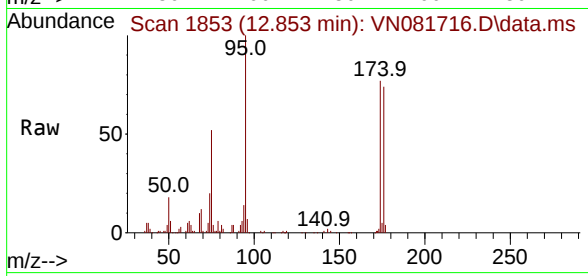


#62
 4-Bromofluorobenzene
 Concen: 50.105 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081716.D
 Acq: 12 Apr 2024 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181ZHE#01

Tgt Ion: 95 Resp: 202443

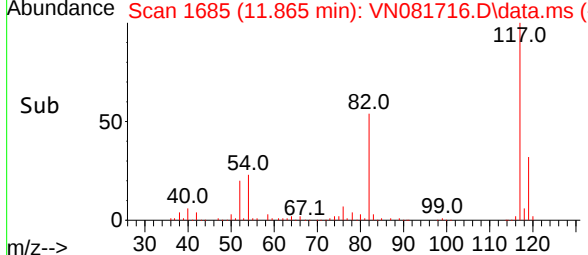
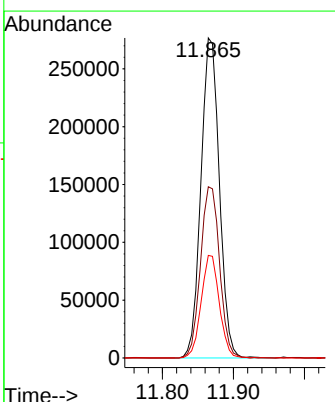
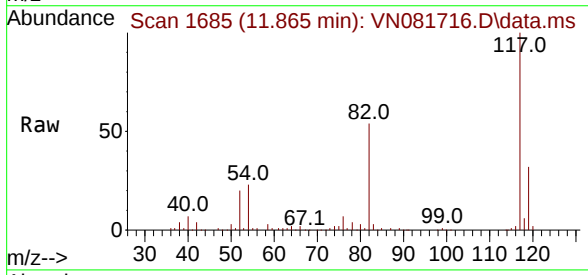
Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	120.4
176	71.9	0.0	121.0

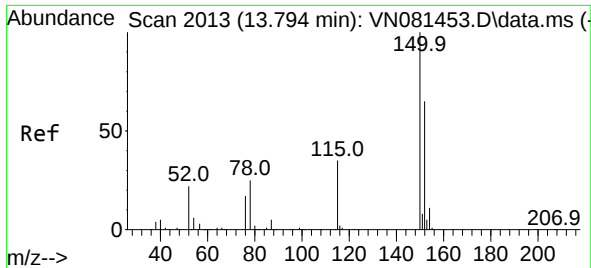


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081716.D
 Acq: 12 Apr 2024 14:32

Tgt Ion: 117 Resp: 499419

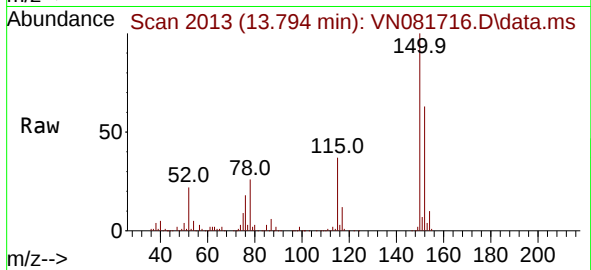
Ion	Ratio	Lower	Upper
117	100		
82	53.5	52.7	79.1
119	32.0	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081716.D
 Acq: 12 Apr 2024 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181ZHE#01



Tgt Ion:152 Resp: 186415
 Ion Ratio Lower Upper
 152 100
 115 59.4 32.3 96.8
 150 154.9 0.0 339.8

