

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081718.D
 Acq On : 12 Apr 2024 15:20
 Operator : JC\MD
 Sample : PB160181ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181ZHE#03

Quant Time: Apr 13 06:57:16 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)

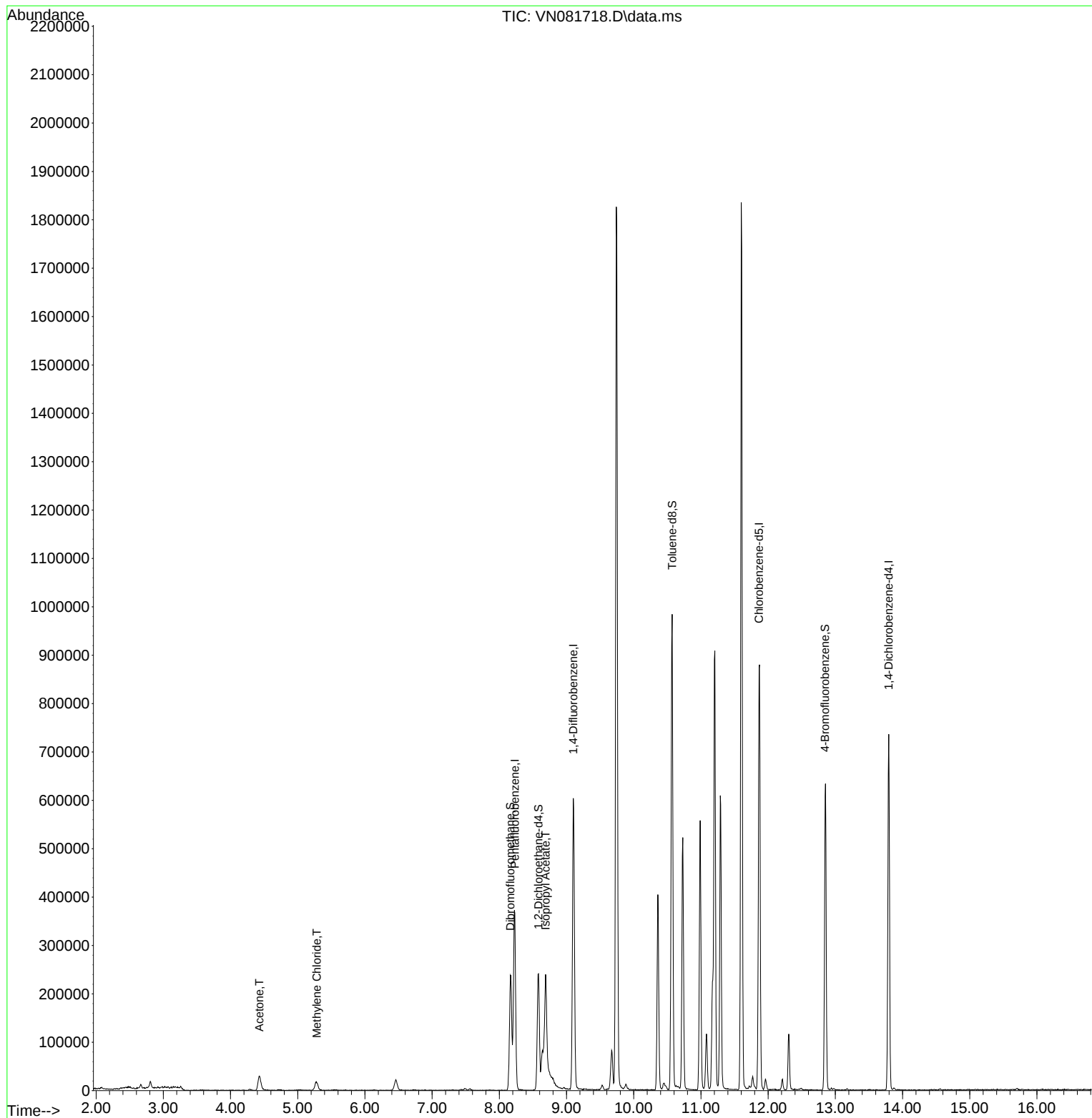
Internal Standards						
1) Pentafluorobenzene	8.230	168	261965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	511896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	521755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201867	60.426	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.860%		
35) Dibromofluoromethane	8.165	113	167271	51.777	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.560%		
50) Toluene-d8	10.571	98	654969	56.085	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 112.160%		
62) 4-Bromofluorobenzene	12.847	95	215445	52.357	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 104.720%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	56206	52.059	ug/l	94
20) Methylene Chloride	5.283	84	14177	4.009	ug/l #	74
43) Isopropyl Acetate	8.688	43	368624	47.769	ug/l #	78

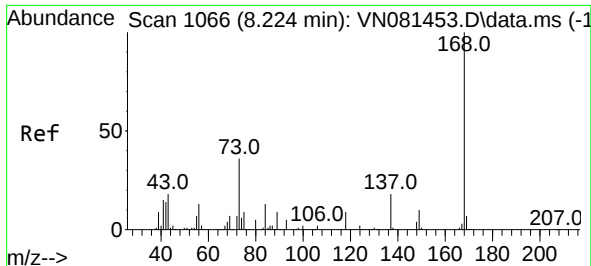
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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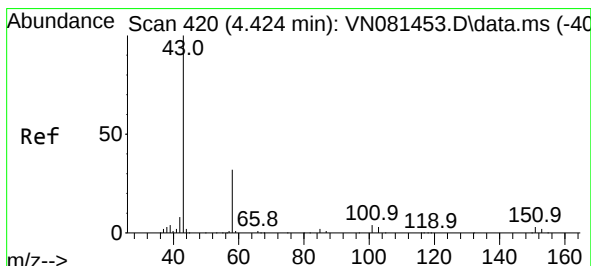
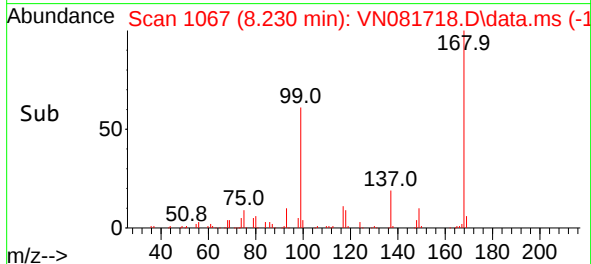
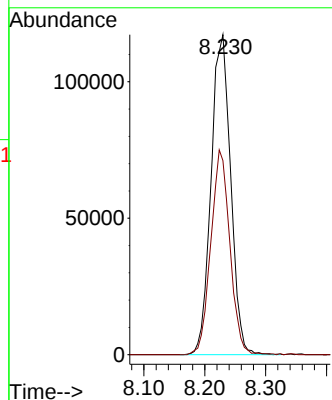
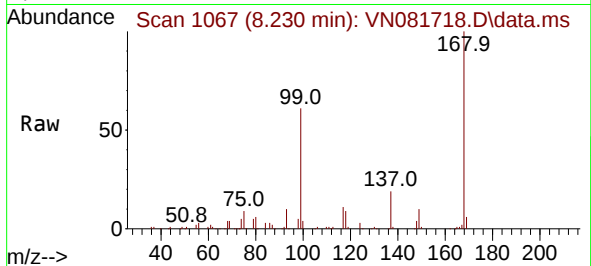




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081718.D
Acq: 12 Apr 2024 15:20

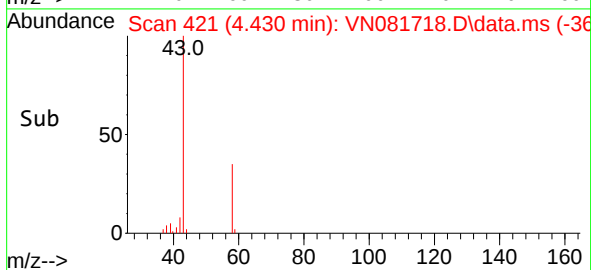
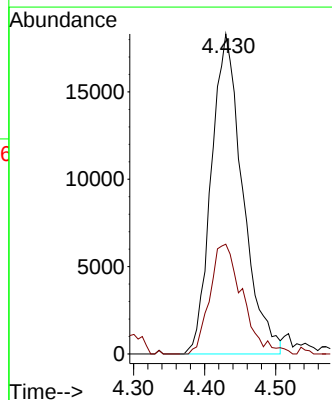
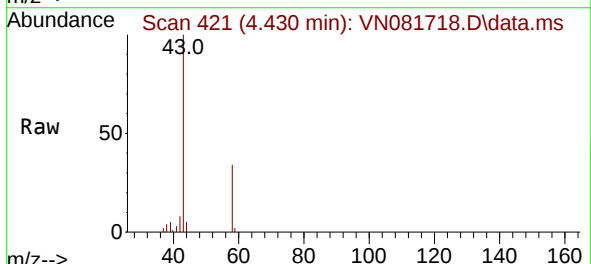
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#03

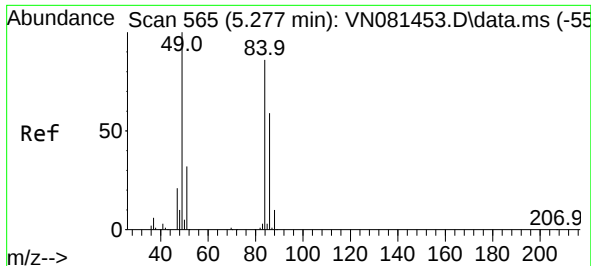
Tgt Ion:168 Resp: 261965
Ion Ratio Lower Upper
168 100
99 60.7 59.9 89.9



#16
Acetone
Concen: 52.059 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081718.D
Acq: 12 Apr 2024 15:20

Tgt Ion: 43 Resp: 56206
Ion Ratio Lower Upper
43 100
58 34.3 24.8 37.2

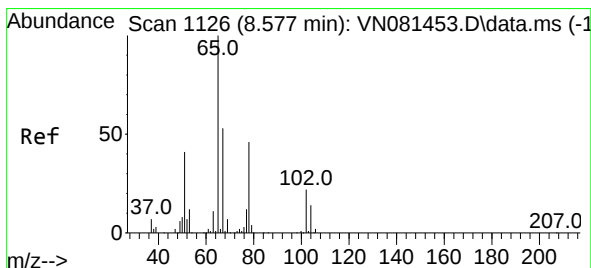
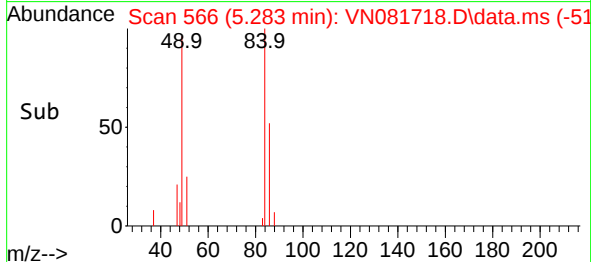
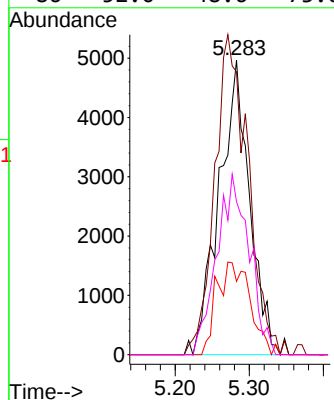
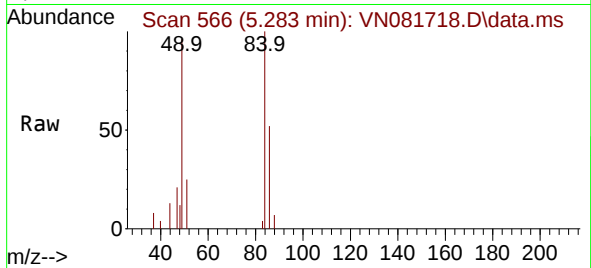




#20
Methylene Chloride
Concen: 4.009 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081718.D
Acq: 12 Apr 2024 15:20

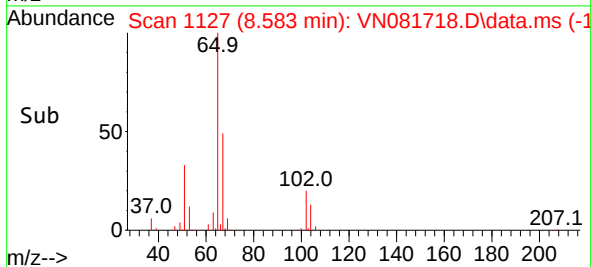
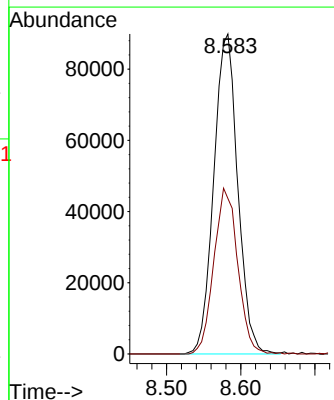
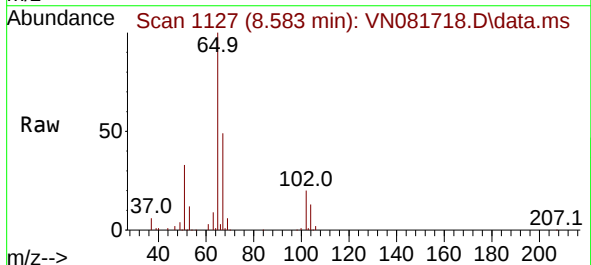
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#03

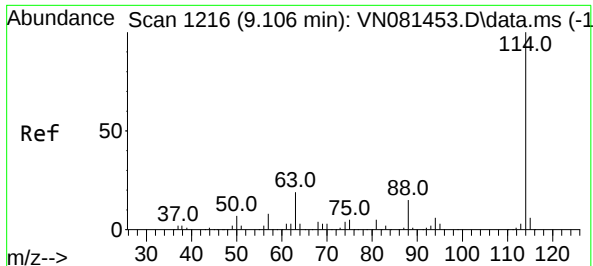
Tgt Ion:	84	Resp:	14177
Ion	Ratio	Lower	Upper
84	100		
49	96.0	108.1	162.1#
51	24.9	32.9	49.3#
86	52.0	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 60.426 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081718.D
Acq: 12 Apr 2024 15:20

Tgt Ion:	65	Resp:	201867
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081718.D

Acq: 12 Apr 2024 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB160181ZHE#03

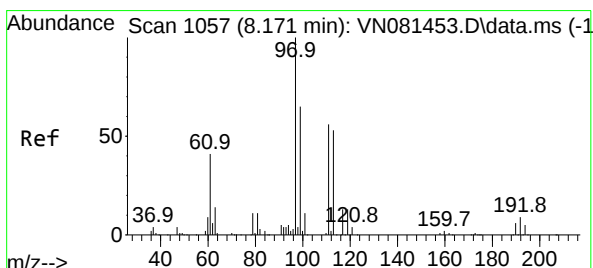
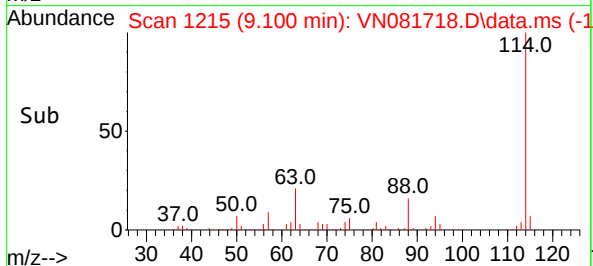
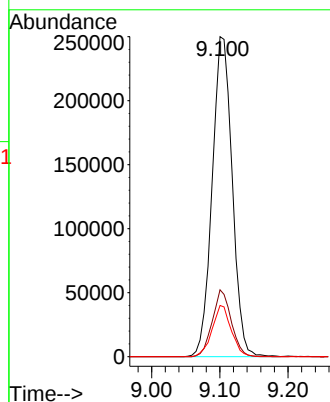
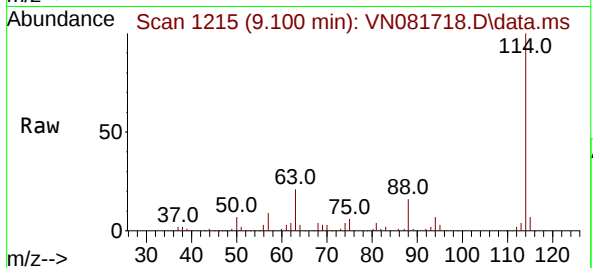
Tgt Ion:114 Resp: 511896

Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

88 16.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.777 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081718.D

Acq: 12 Apr 2024 15:20

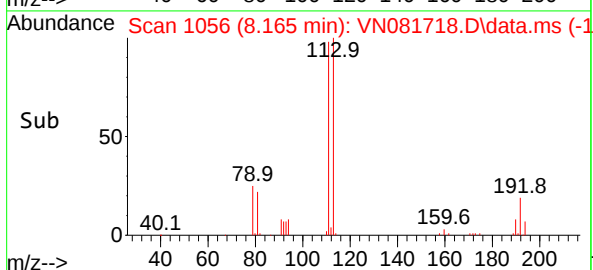
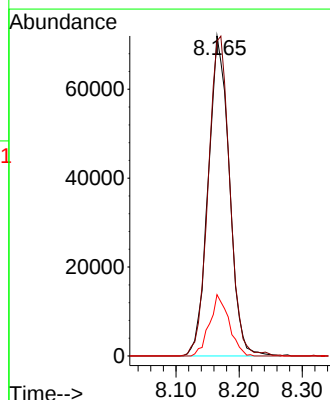
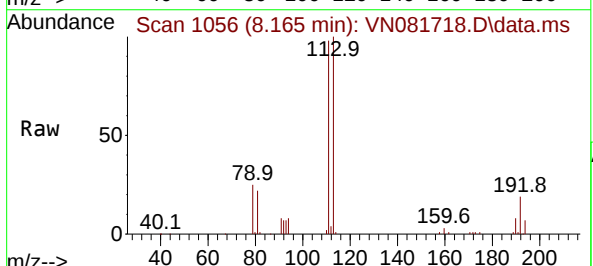
Tgt Ion:113 Resp: 167271

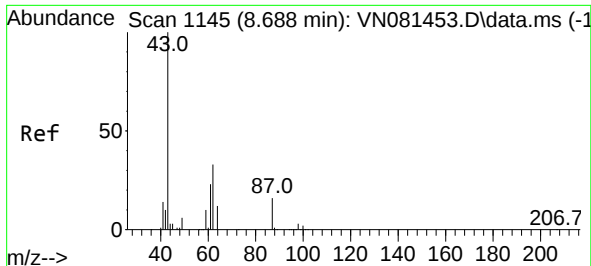
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 17.7 12.5 18.7

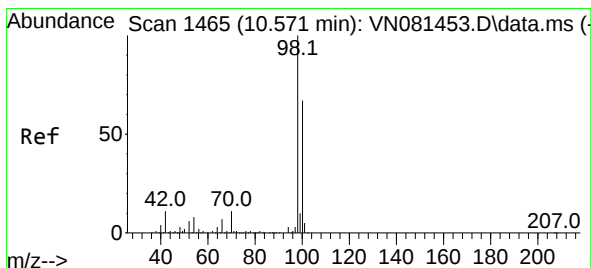
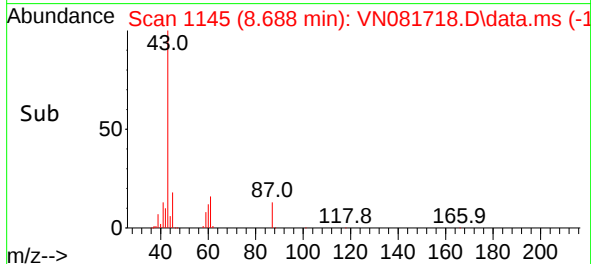
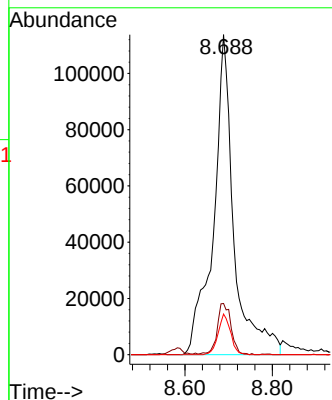
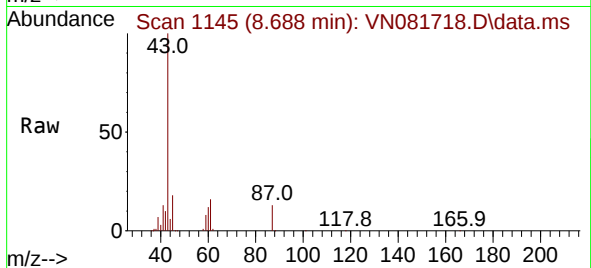




#43
Isopropyl Acetate
Concen: 47.769 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081718.D
Acq: 12 Apr 2024 15:20

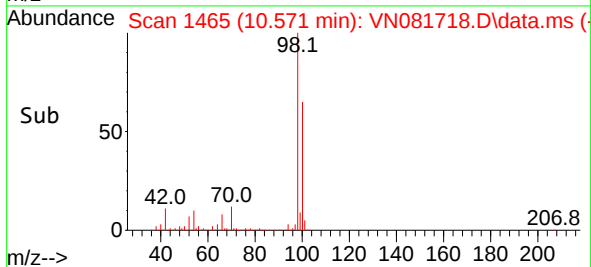
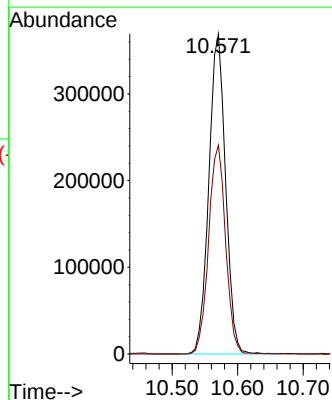
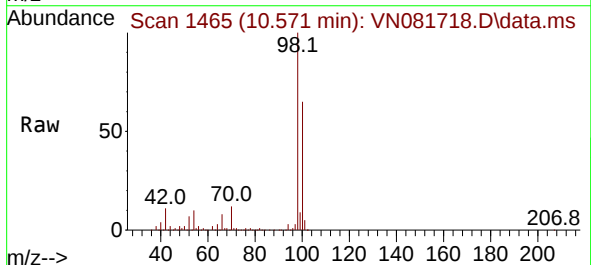
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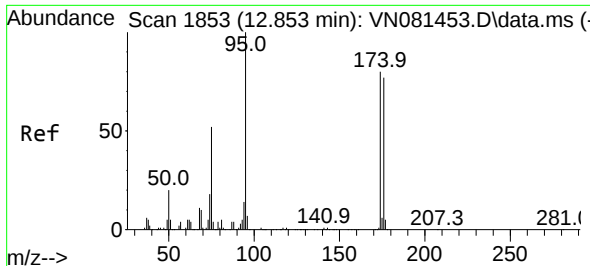
Tgt Ion: 43 Resp: 368624
Ion Ratio Lower Upper
43 100
61 10.9 19.9 29.9#
87 7.7 9.0 13.6#



#50
Toluene-d8
Concen: 56.085 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081718.D
Acq: 12 Apr 2024 15:20

Tgt Ion: 98 Resp: 654969
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0

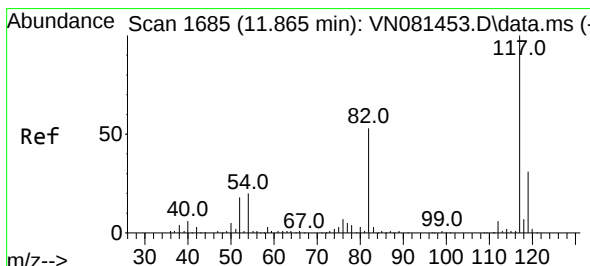
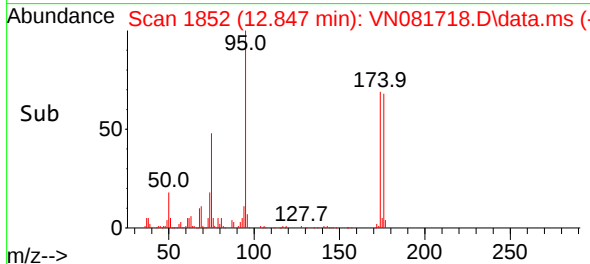
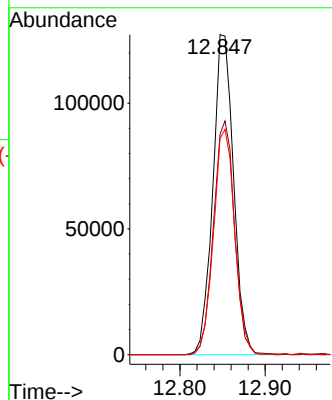
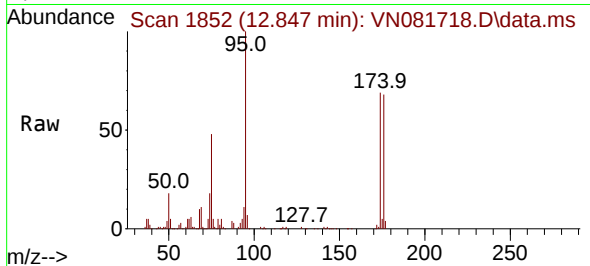




#62
4-Bromofluorobenzene
Concen: 52.357 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081718.D
Acq: 12 Apr 2024 15:20

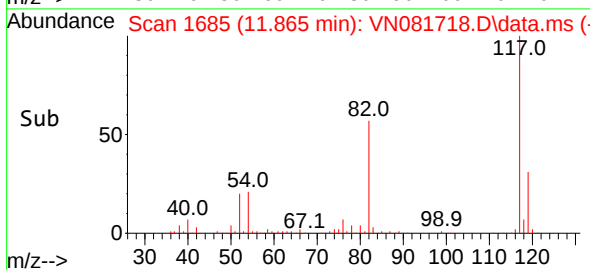
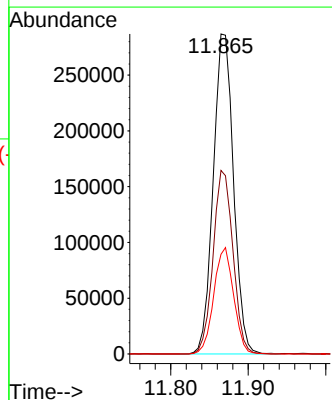
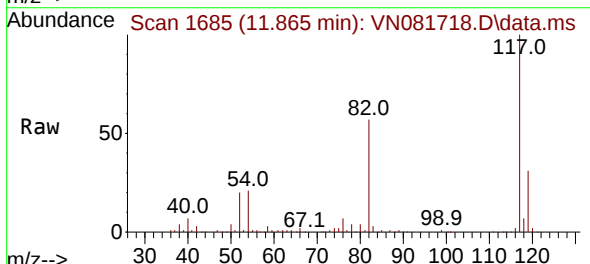
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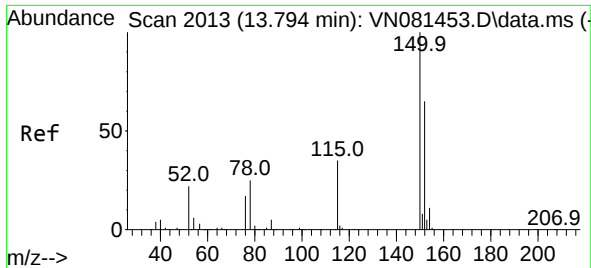
Tgt Ion: 95 Resp: 215445
Ion Ratio Lower Upper
95 100
174 74.1 0.0 120.4
176 71.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081718.D
Acq: 12 Apr 2024 15:20

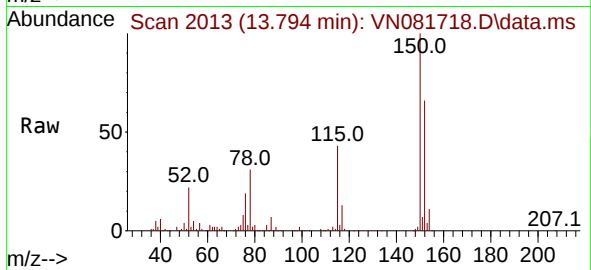
Tgt Ion: 117 Resp: 521755
Ion Ratio Lower Upper
117 100
82 57.4 52.7 79.1
119 31.1 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081718.D
 Acq: 12 Apr 2024 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181ZHE#03



Tgt Ion:152 Resp: 194618
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 157.9 0.0 339.8

