

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082167.D
 Acq On : 16 May 2024 17:18
 Operator : JC\MD
 Sample : PB160937ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160937ZHE#02

Quant Time: May 17 05:05:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

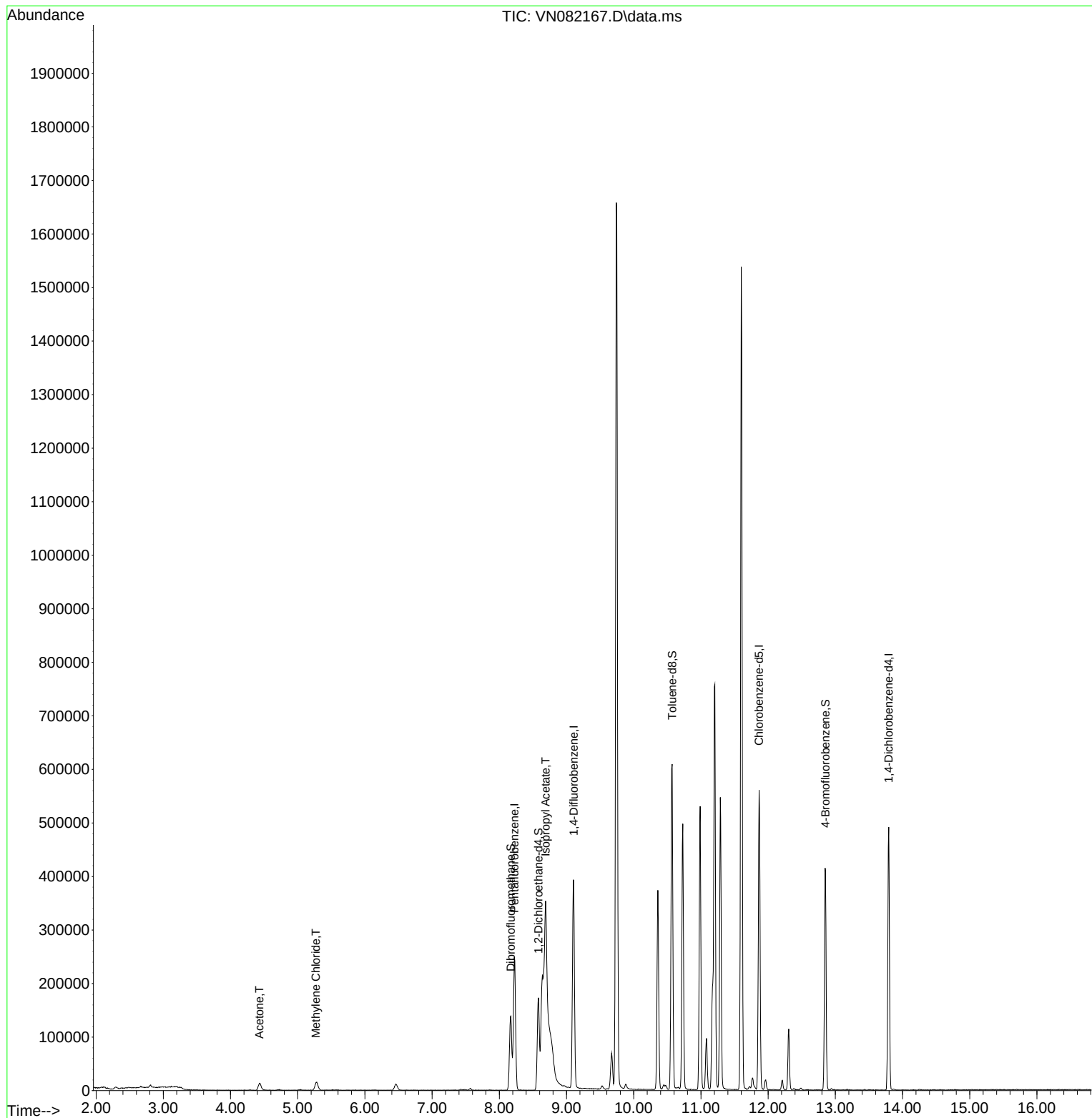
Internal Standards						
1) Pentafluorobenzene	8.224	168	170669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	142877	53.017	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.040%	
35) Dibromofluoromethane	8.171	113	97109	51.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	10.571	98	391140	53.635	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.853	95	131719	50.604	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.200%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	26918	24.349	ug/l	92
20) Methylene Chloride	5.271	84	10955	4.912	ug/l #	76
43) Isopropyl Acetate	8.688	43	652087	103.078	ug/l #	62

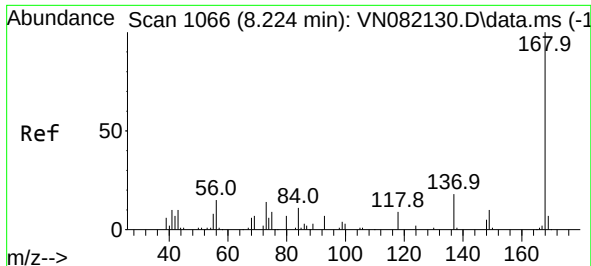
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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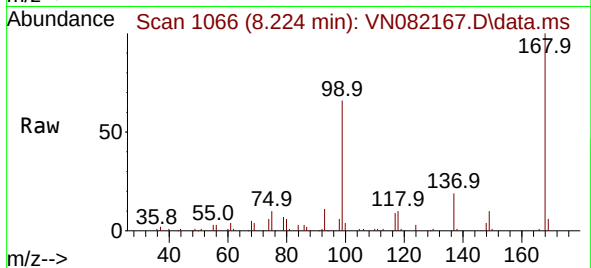
Quant Time: May 17 05:05:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
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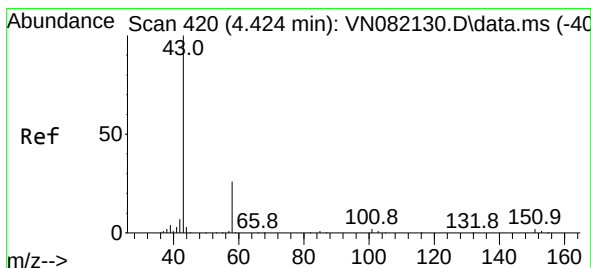
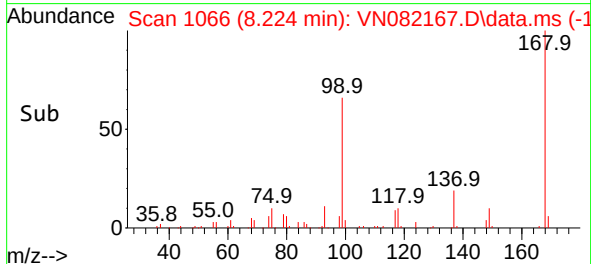
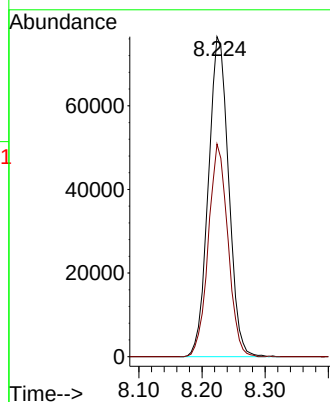


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

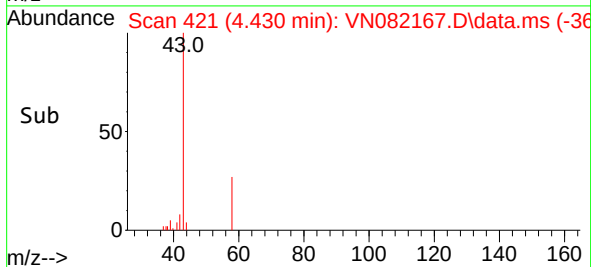
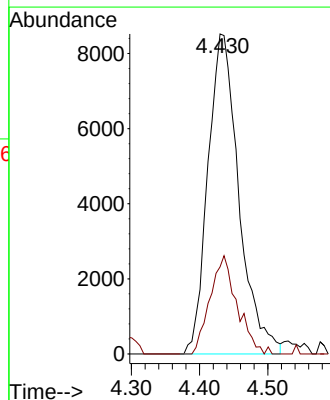
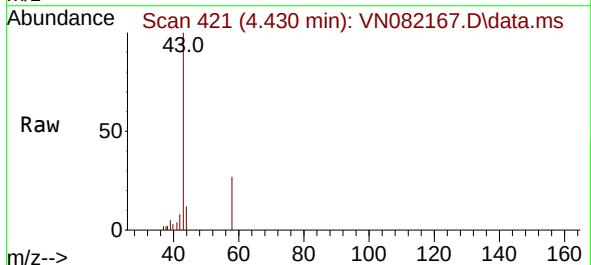


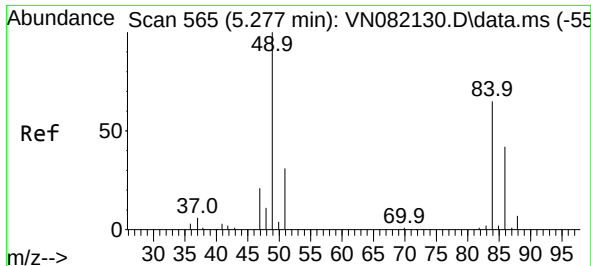
Tgt Ion:168 Resp: 170669
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#16
Acetone
Concen: 24.349 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

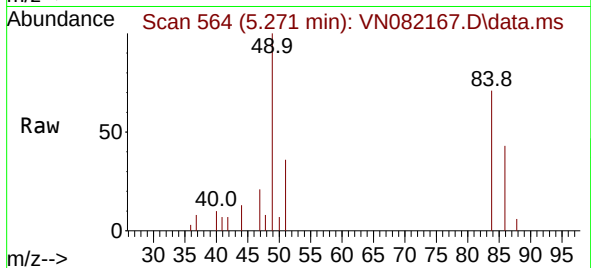
Tgt Ion: 43 Resp: 26918
Ion Ratio Lower Upper
43 100
58 27.2 25.2 37.8



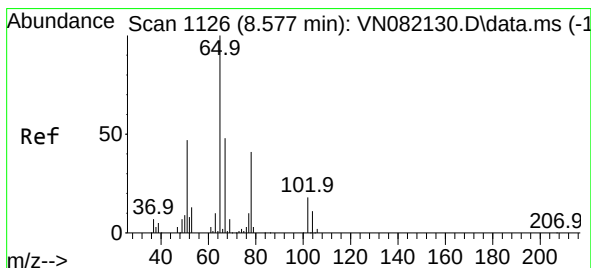
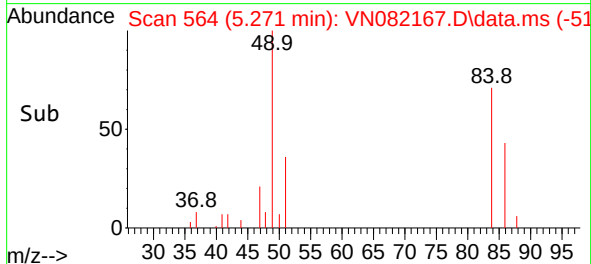
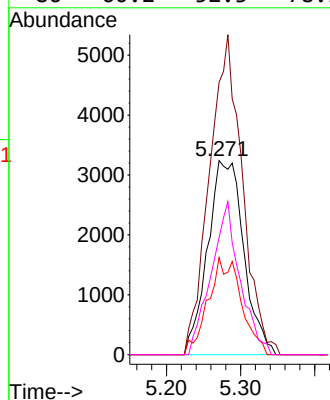


#20
Methylene Chloride
Concen: 4.912 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

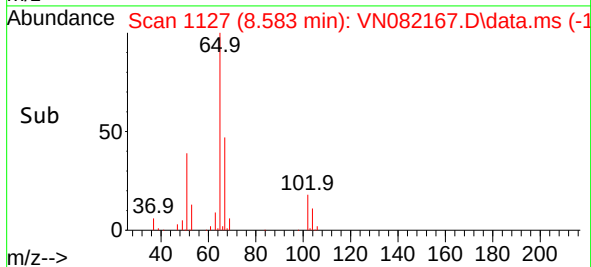
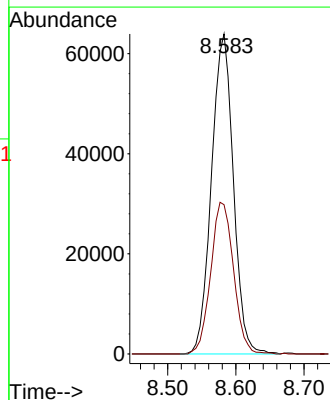
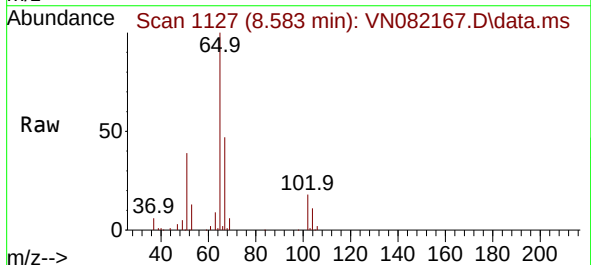


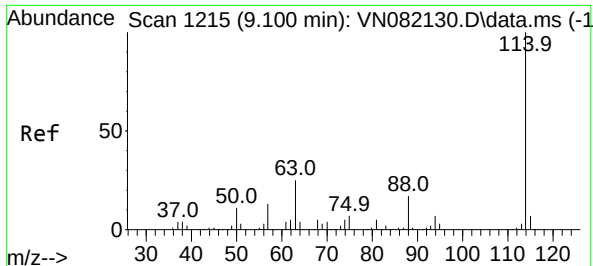
Tgt Ion:	84	Resp:	10955
Ion	Ratio	Lower	Upper
84	100		
49	140.3	84.9	127.3#
51	50.0	27.0	40.6#
86	60.2	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.017 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion:	65	Resp:	142877
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082167.D

Acq: 16 May 2024 17:18

Instrument :

MSVOA_N

ClientSampleId :

PB160937ZHE#02

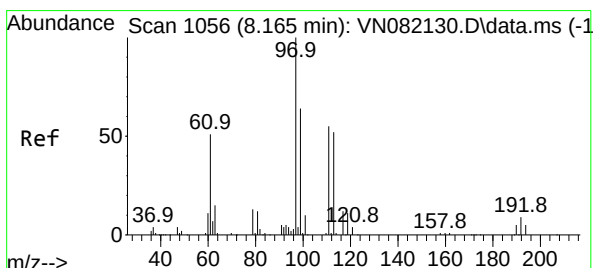
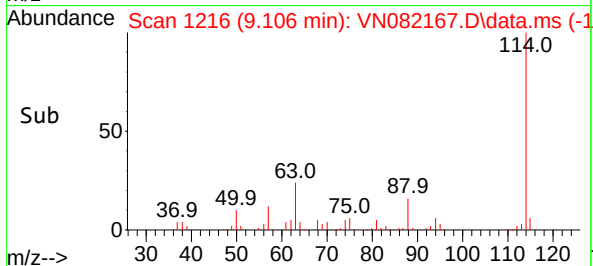
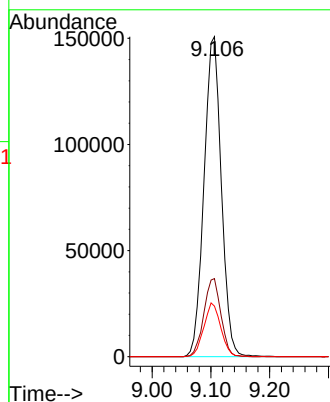
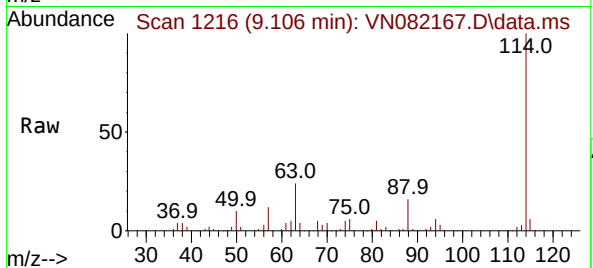
Tgt Ion:114 Resp: 309214

Ion Ratio Lower Upper

114 100

63 24.4 0.0 41.0

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.052 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082167.D

Acq: 16 May 2024 17:18

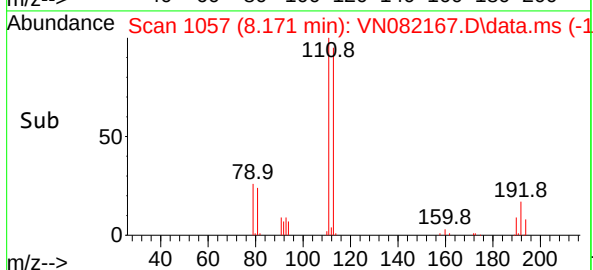
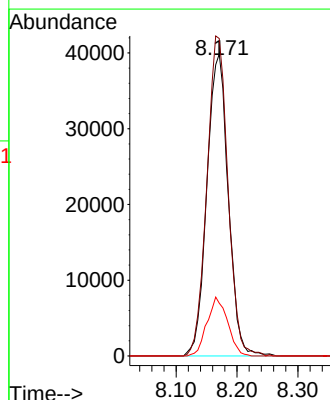
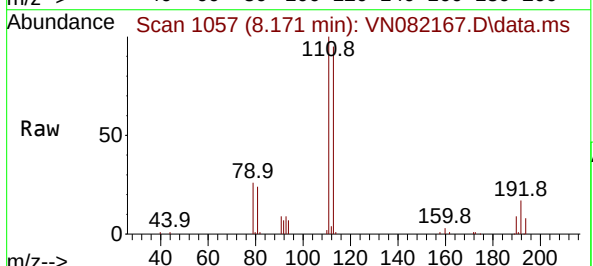
Tgt Ion:113 Resp: 97109

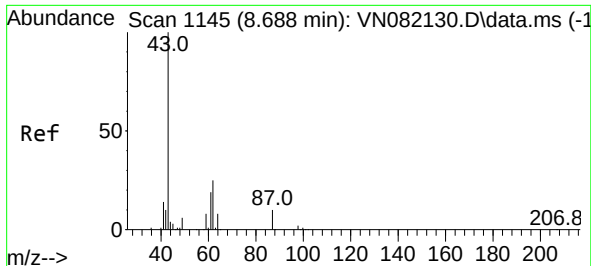
Ion Ratio Lower Upper

113 100

111 104.5 83.4 125.2

192 18.8 14.0 21.0

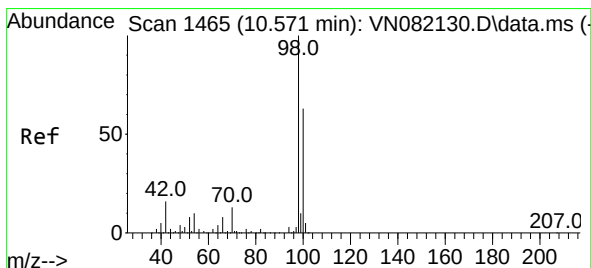
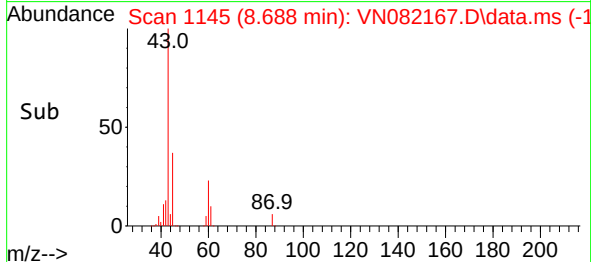
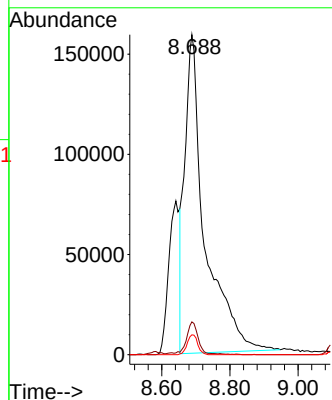
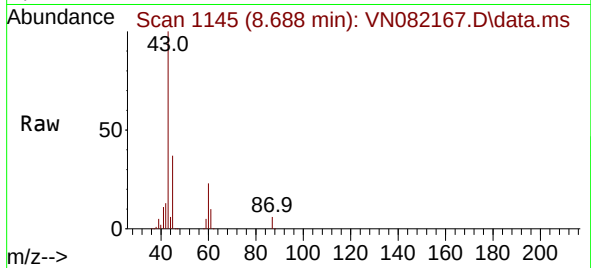




#43
Isopropyl Acetate
Concen: 103.078 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

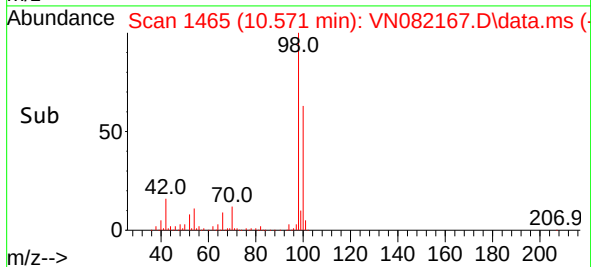
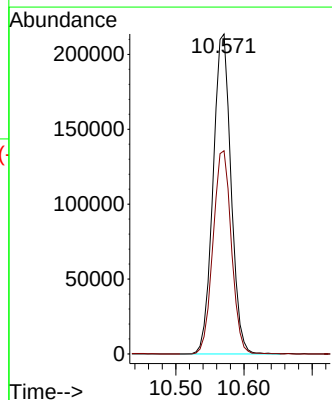
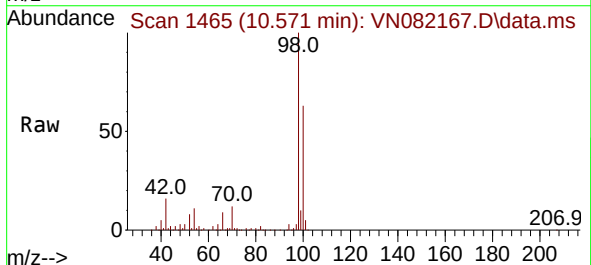
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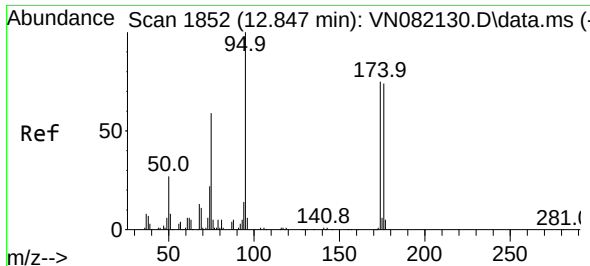
Tgt Ion: 43 Resp: 652087
Ion Ratio Lower Upper
43 100
61 5.8 22.8 34.2#
87 3.2 12.0 18.0#



#50
Toluene-d8
Concen: 53.635 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

Tgt Ion: 98 Resp: 391140
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

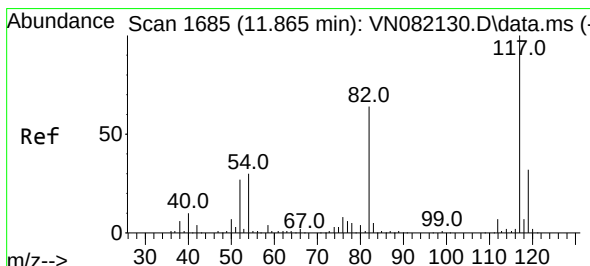
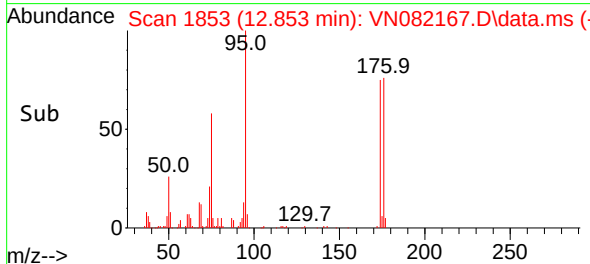
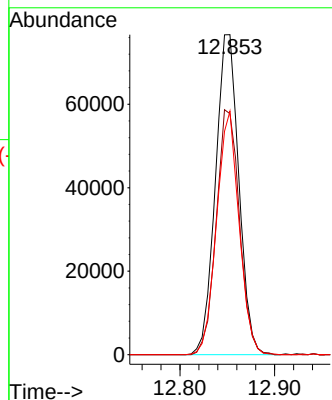
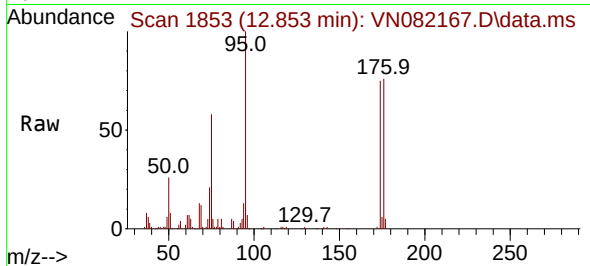




#62
4-Bromofluorobenzene
Concen: 50.604 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

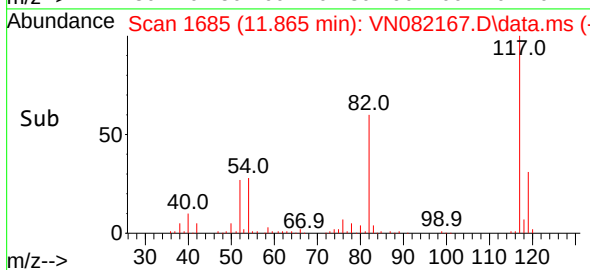
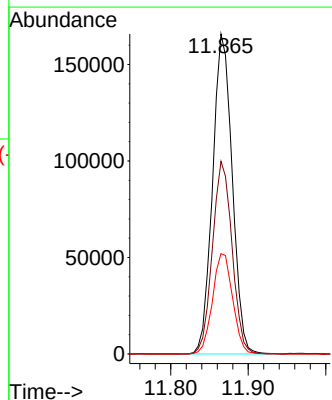
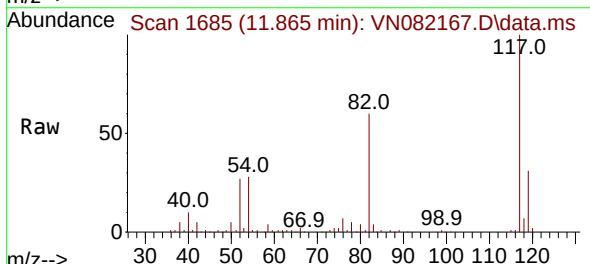
Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#02

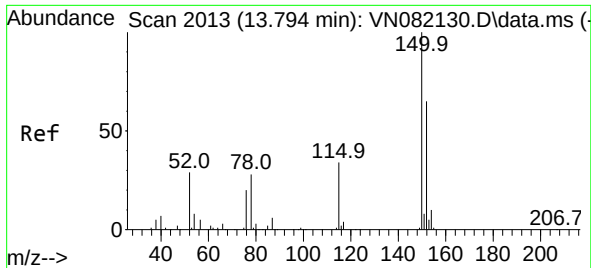
Tgt Ion: 95 Resp: 131719
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 72.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082167.D
Acq: 16 May 2024 17:18

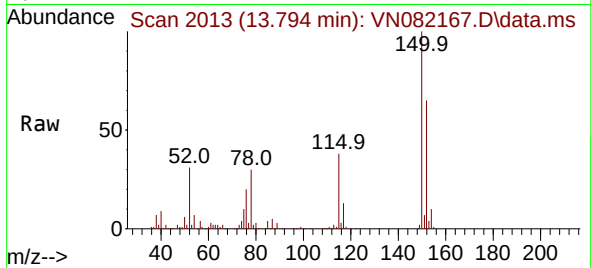
Tgt Ion: 117 Resp: 291689
Ion Ratio Lower Upper
117 100
82 60.2 44.6 66.8
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082167.D
 Acq: 16 May 2024 17:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160937ZHE#02



Tgt Ion:152 Resp: 120787
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.4 91.3
 150 155.8 0.0 353.2

