

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082189.D
 Acq On : 17 May 2024 19:22
 Operator : JC\MD
 Sample : PB160967ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160967ZHE#07

Quant Time: May 17 23:16:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

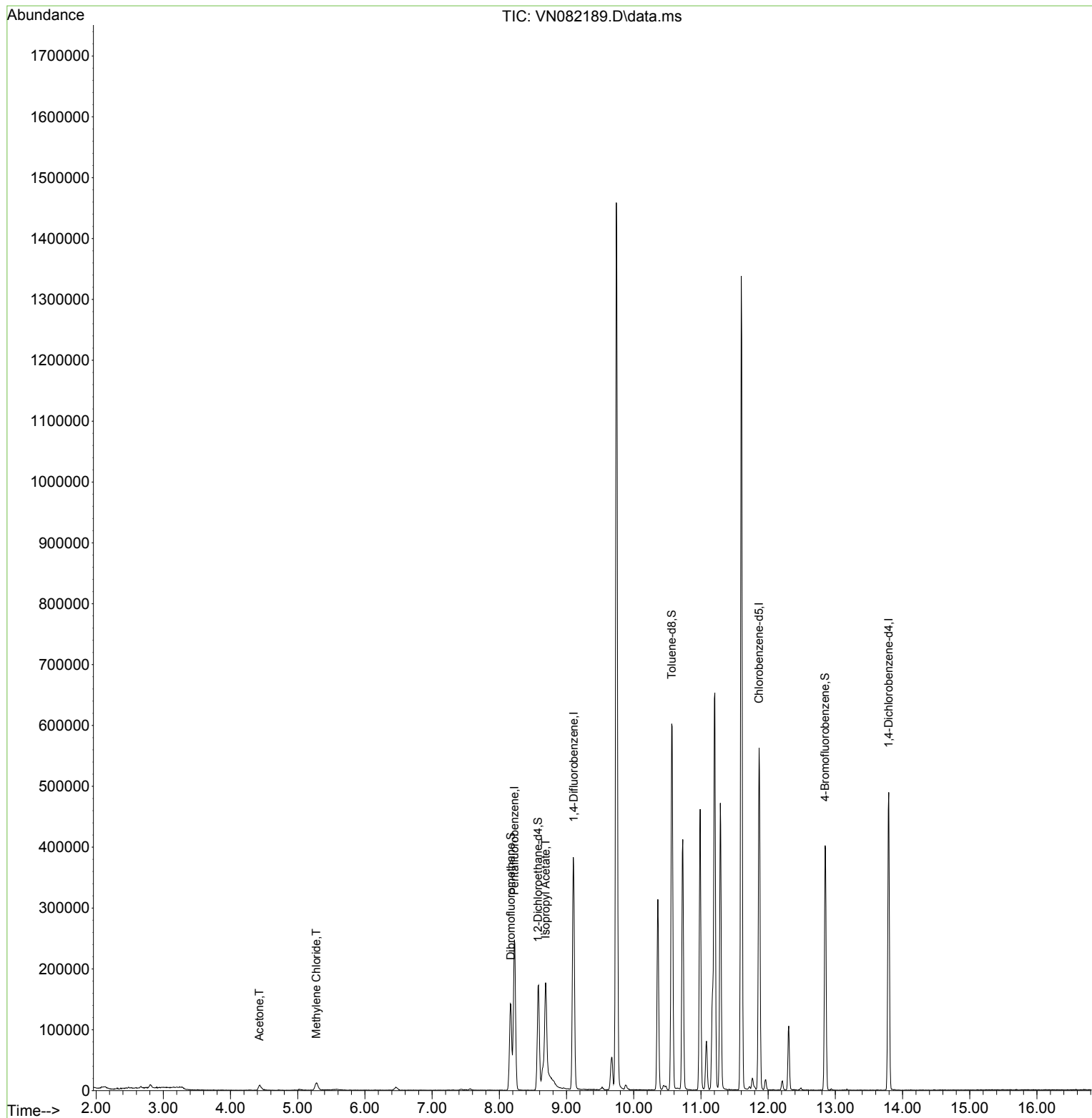
Internal Standards						
1) Pentafluorobenzene	8.224	168	169083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141835	53.124	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.240%	
35) Dibromofluoromethane	8.171	113	97501	52.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.820%	
50) Toluene-d8	10.565	98	392327	55.007	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	12.847	95	131929	51.825	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	16196	14.788	ug/l #	83
20) Methylene Chloride	5.277	84	9045	4.093	ug/l	91
43) Isopropyl Acetate	8.688	43	284459	45.977	ug/l #	69

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

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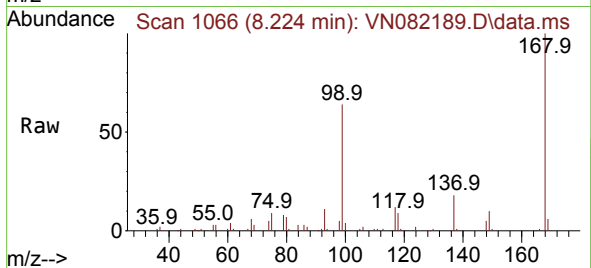
Quant Time: May 17 23:16:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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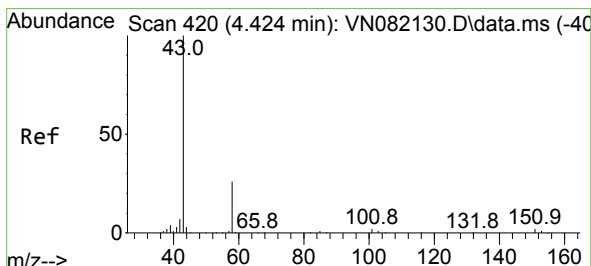
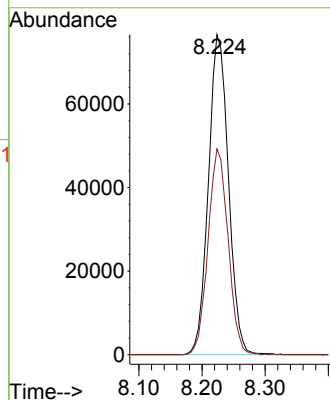
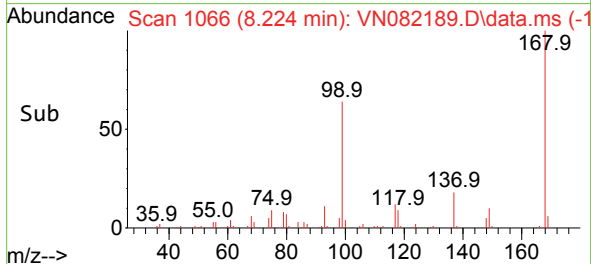


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082189.D
Acq: 17 May 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#07

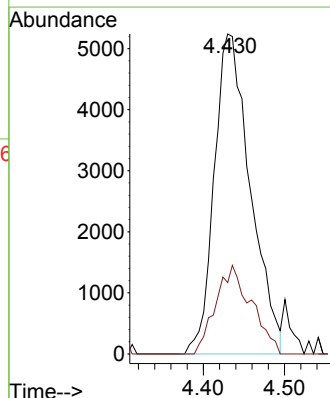
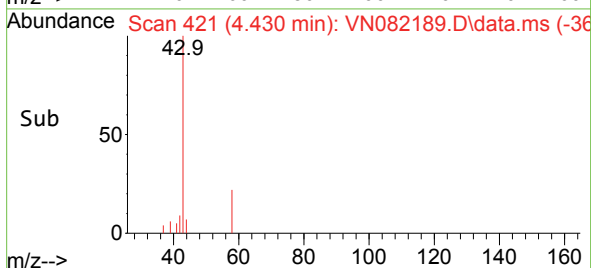
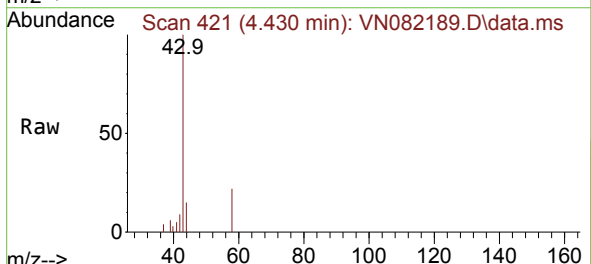


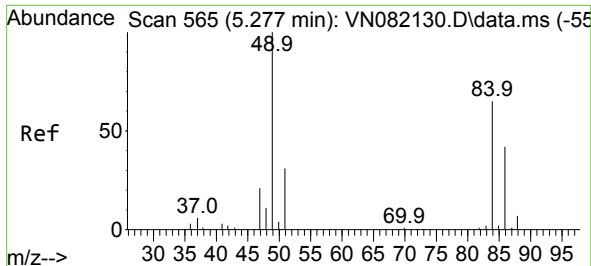
Tgt Ion:168 Resp: 169083
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4



#16
Acetone
Concen: 14.788 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082189.D
Acq: 17 May 2024 19:22

Tgt Ion: 43 Resp: 16196
Ion Ratio Lower Upper
43 100
58 22.3 25.2 37.8#

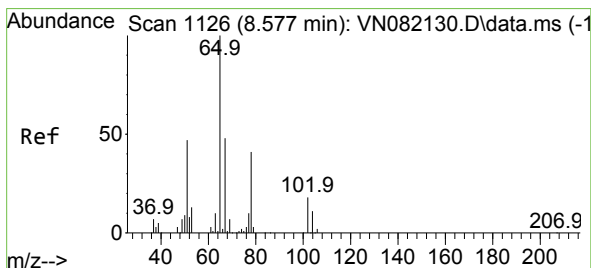
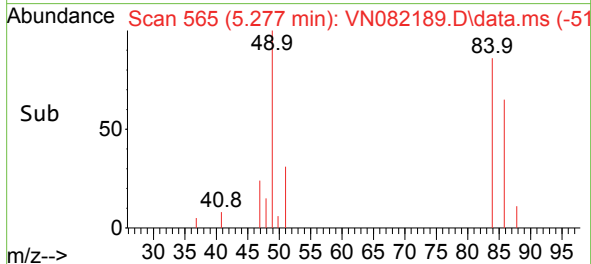
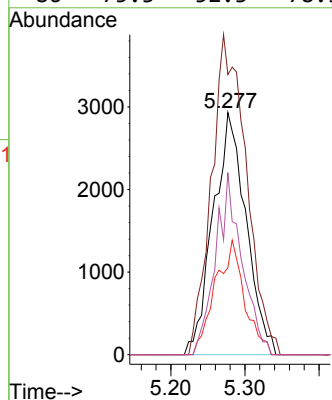
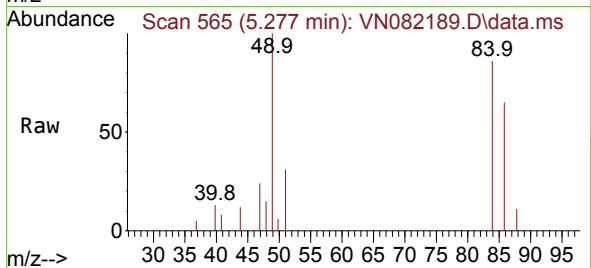




#20
Methylene Chloride
Concen: 4.093 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082189.D
Acq: 17 May 2024 19:22

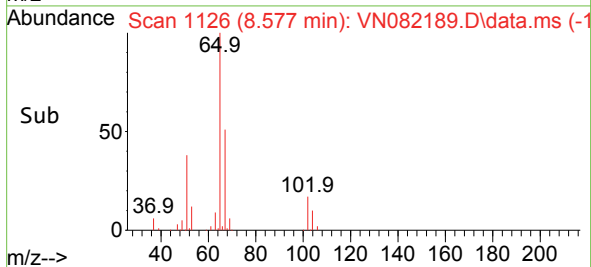
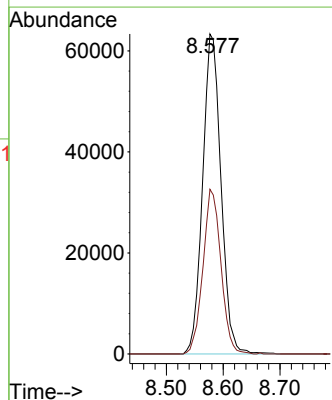
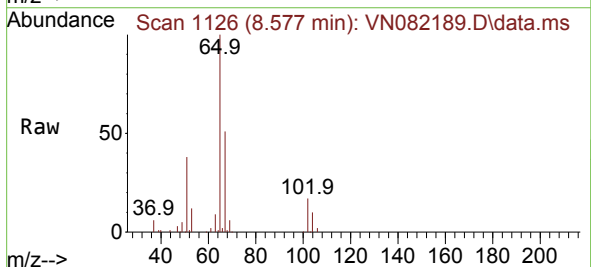
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#07

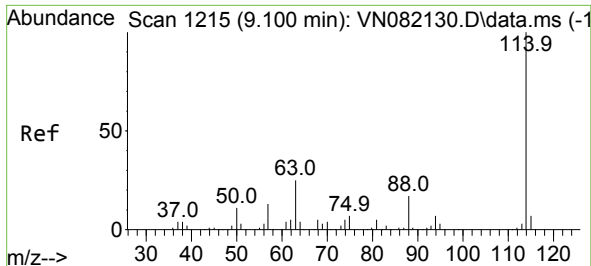
Tgt Ion:	84	Resp:	9045
Ion	Ratio	Lower	Upper
84	100		
49	115.8	84.9	127.3
51	36.0	27.0	40.6
86	75.3	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.124 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082189.D
Acq: 17 May 2024 19:22

Tgt Ion:	65	Resp:	141835
Ion	Ratio	Lower	Upper
65	100		
67	50.5	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: VN082189.D

Acq: 17 May 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB160967ZHE#07

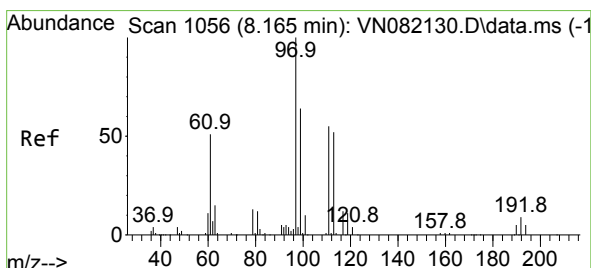
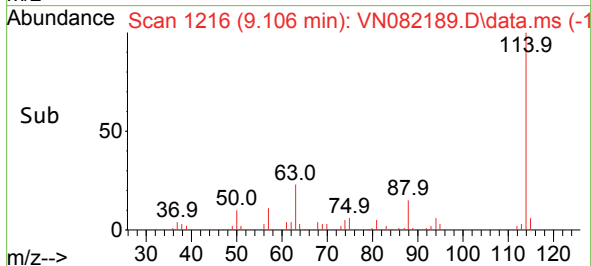
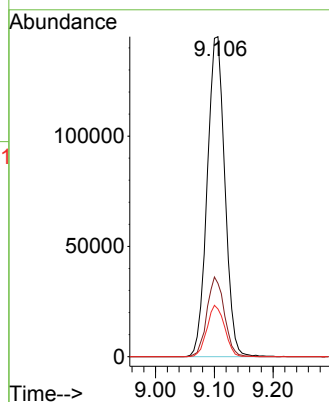
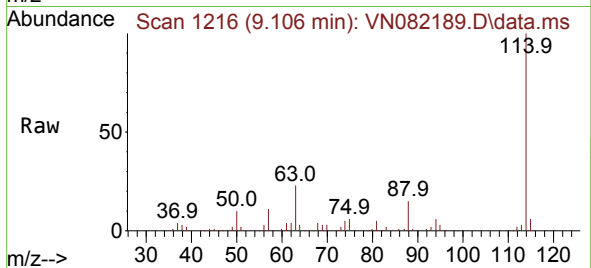
Tgt Ion:114 Resp: 302413

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 14.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.411 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082189.D

Acq: 17 May 2024 19:22

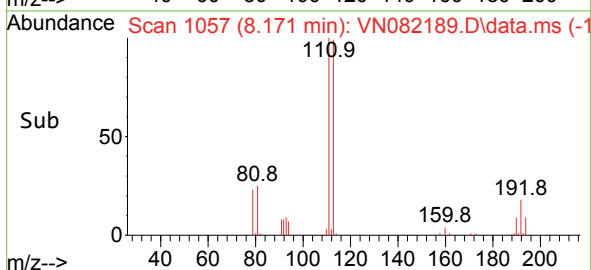
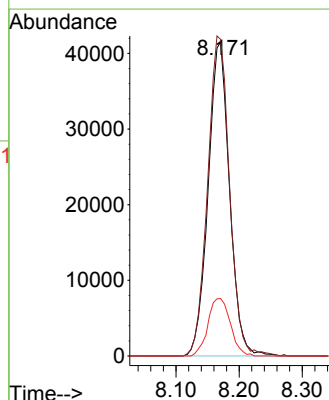
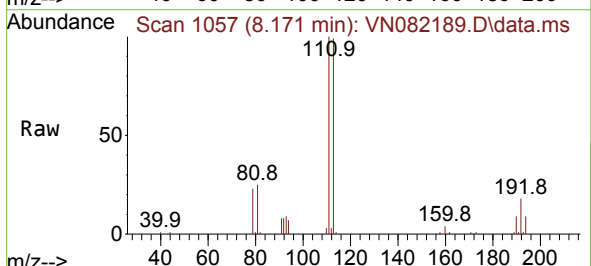
Tgt Ion:113 Resp: 97501

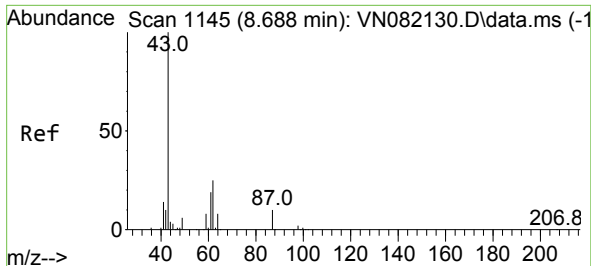
Ion Ratio Lower Upper

113 100

111 104.8 83.4 125.2

192 19.2 14.0 21.0

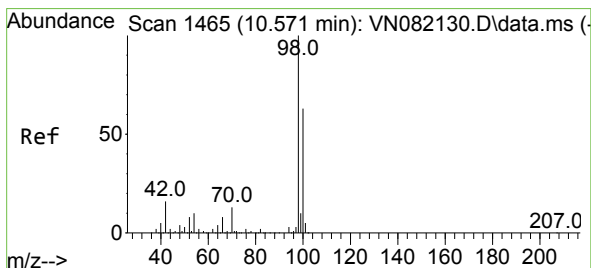
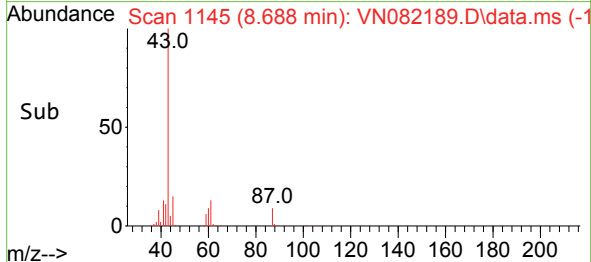
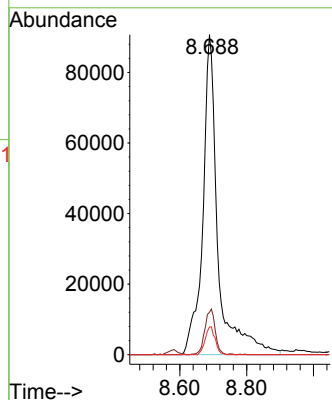
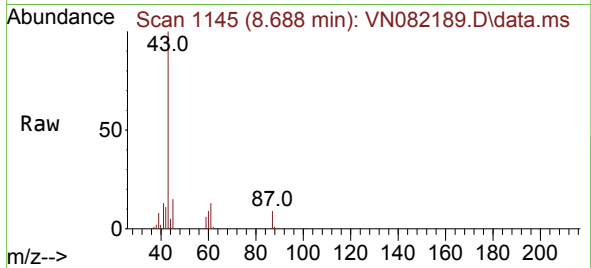




#43
Isopropyl Acetate
Concen: 45.977 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082189.D
Acq: 17 May 2024 19:22

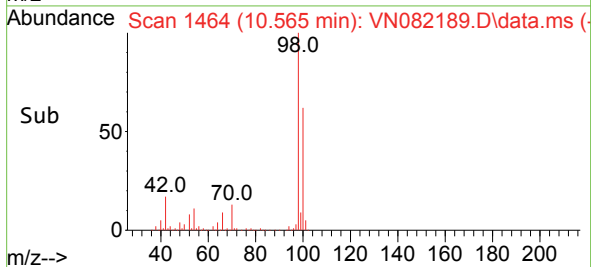
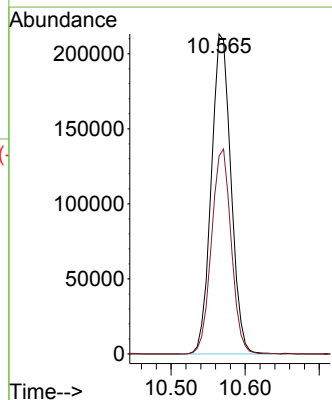
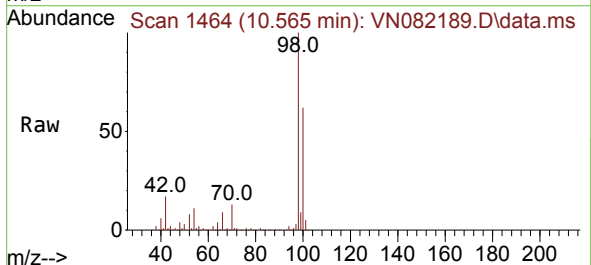
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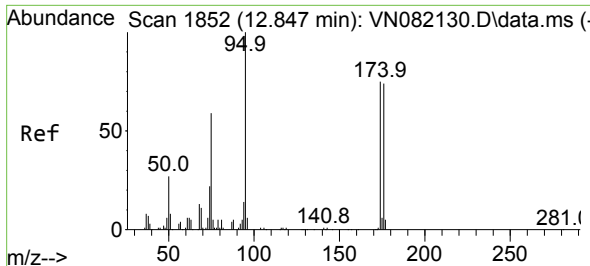
Tgt Ion: 43 Resp: 284459
Ion Ratio Lower Upper
43 100
61 9.8 22.8 34.2#
87 5.7 12.0 18.0#



#50
Toluene-d8
Concen: 55.007 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082189.D
Acq: 17 May 2024 19:22

Tgt Ion: 98 Resp: 392327
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

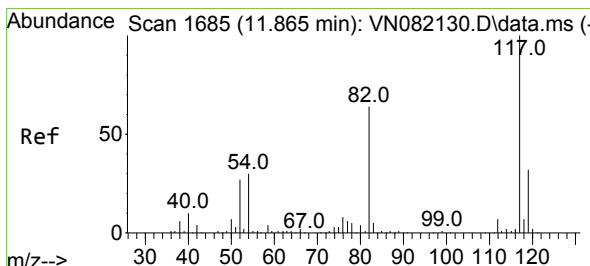
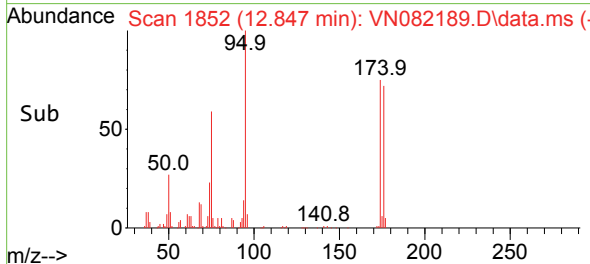
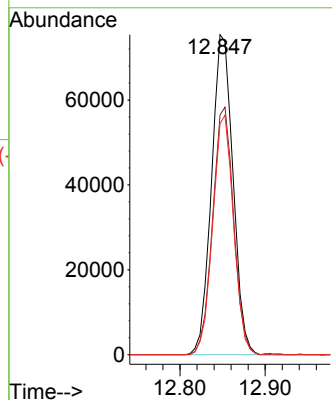
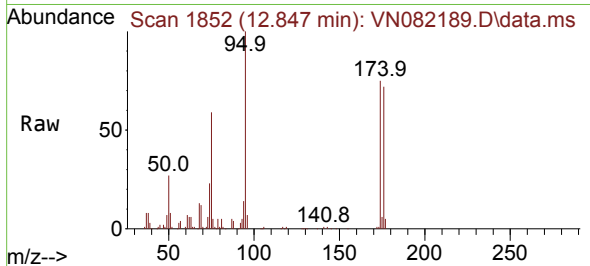




#62
4-Bromofluorobenzene
Concen: 51.825 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082189.D
Acq: 17 May 2024 19:22

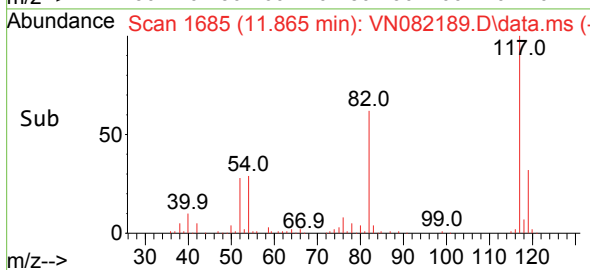
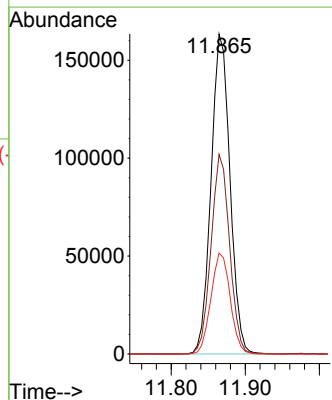
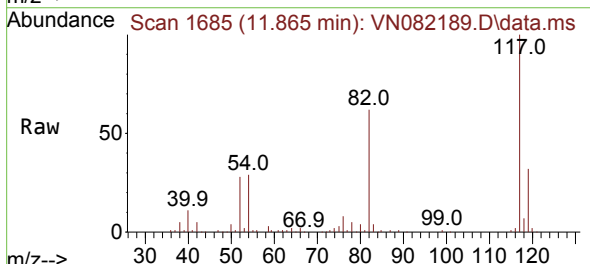
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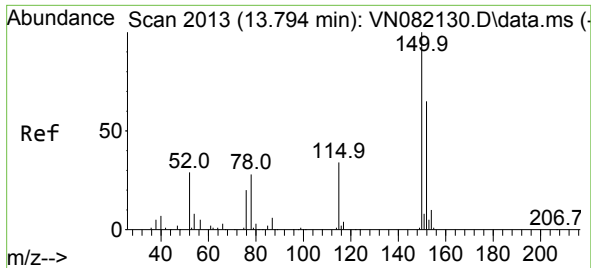
Tgt Ion: 95 Resp: 131929
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.6
176 72.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082189.D
Acq: 17 May 2024 19:22

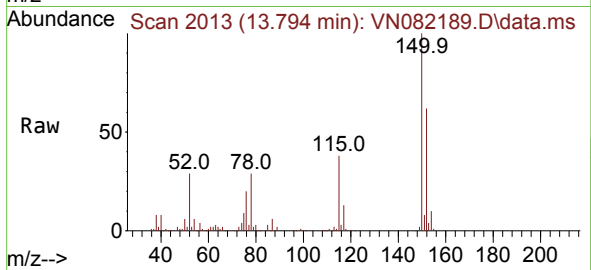
Tgt Ion: 117 Resp: 289649
Ion Ratio Lower Upper
117 100
82 62.4 44.6 66.8
119 31.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082189.D
 Acq: 17 May 2024 19:22

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 119821
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.4 91.3
 150 158.8 0.0 353.2

