

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082169.D
 Acq On : 16 May 2024 18:06
 Operator : JC\MD
 Sample : PB160937ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160937ZHE#04

Quant Time: May 17 05:06:11 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)

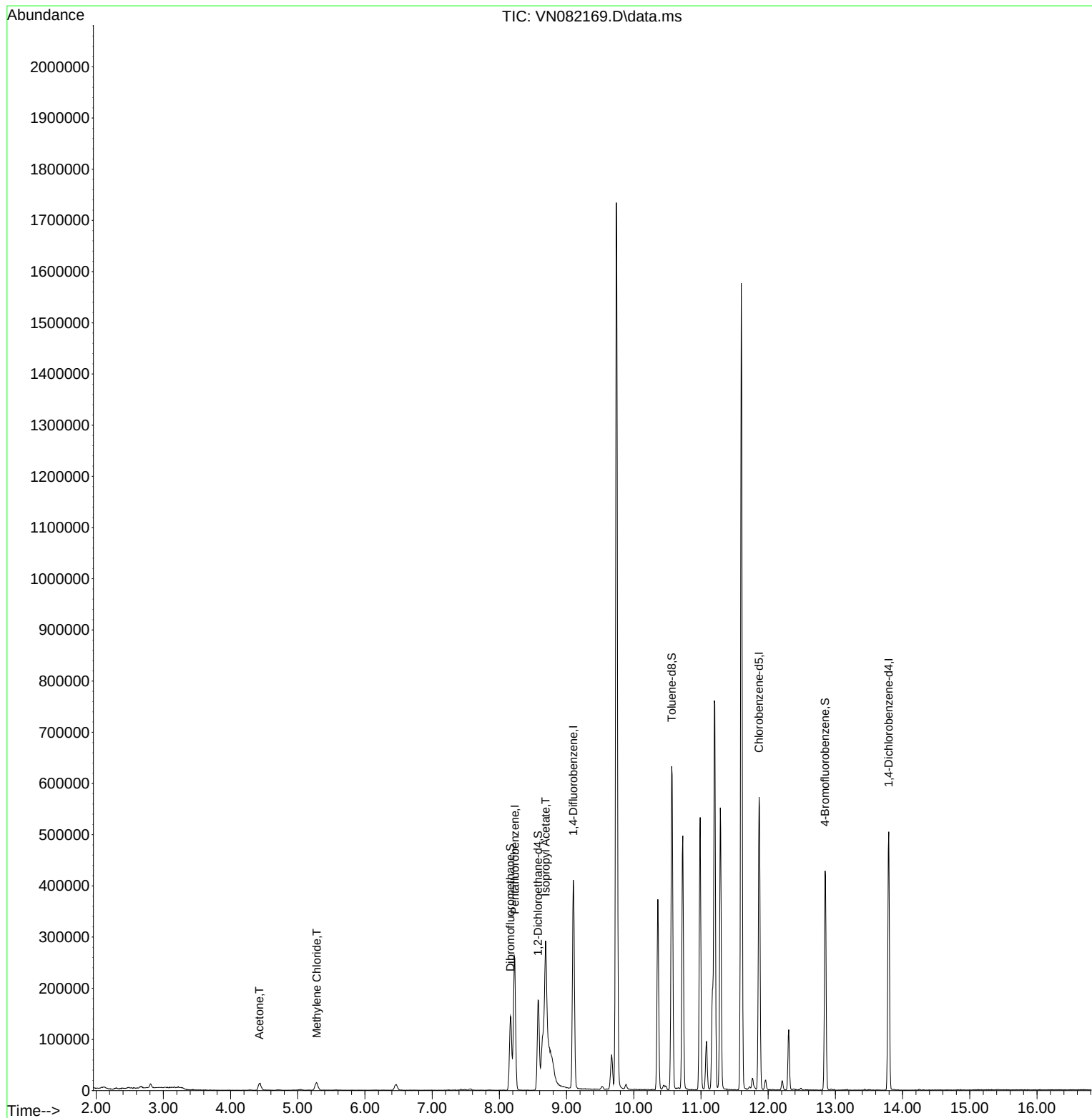
Internal Standards						
1) Pentafluorobenzene	8.230	168	178351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144729	51.391	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.780%		
35) Dibromofluoromethane	8.165	113	101572	51.557	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.120%		
50) Toluene-d8	10.565	98	407808	53.991	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.980%		
62) 4-Bromofluorobenzene	12.847	95	137315	50.934	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 101.860%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	27490	23.796	ug/l	90
20) Methylene Chloride	5.283	84	10674	4.579	ug/l #	85
43) Isopropyl Acetate	8.688	43	606512	92.566	ug/l #	62

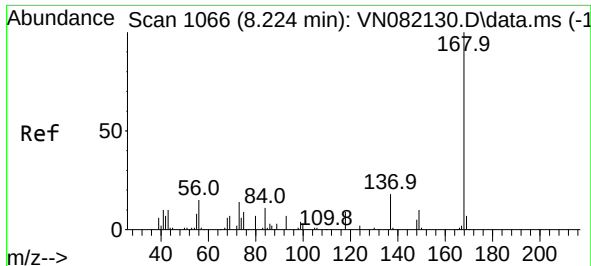
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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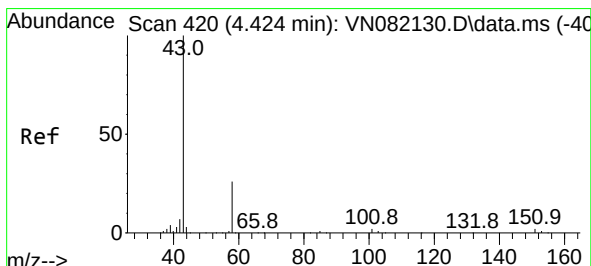
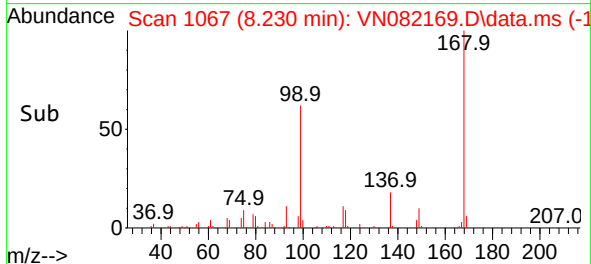
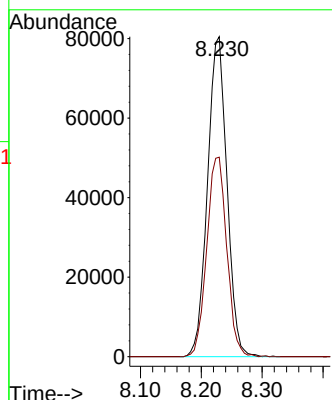
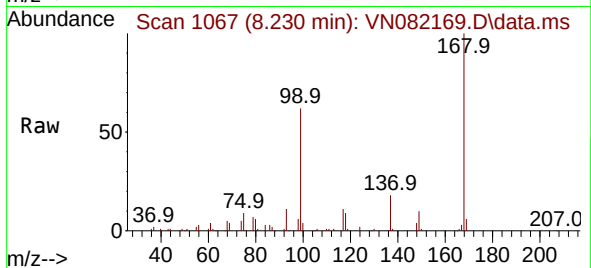




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082169.D
Acq: 16 May 2024 18:06

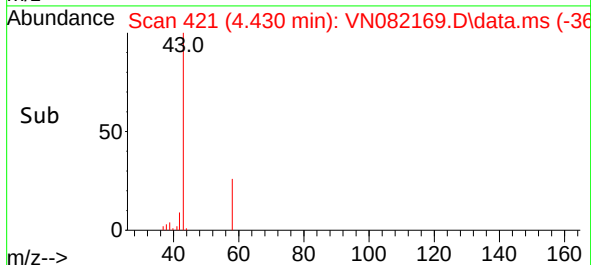
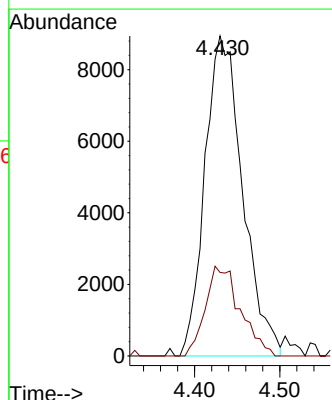
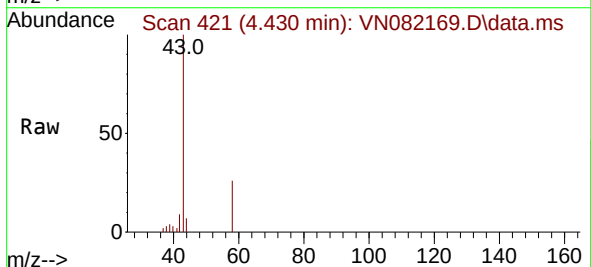
Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#04

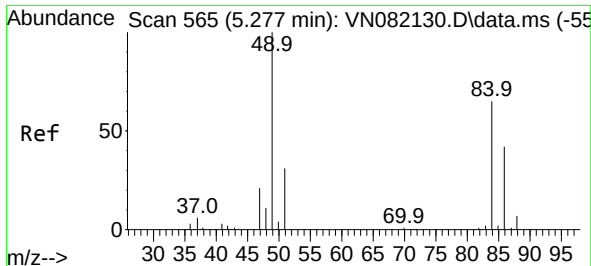
Tgt Ion:168 Resp: 178351
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#16
Acetone
Concen: 23.796 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082169.D
Acq: 16 May 2024 18:06

Tgt Ion: 43 Resp: 27490
Ion Ratio Lower Upper
43 100
58 26.1 25.2 37.8

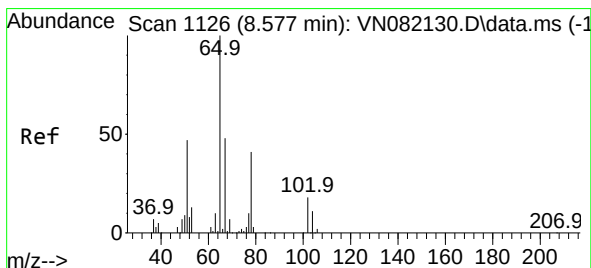
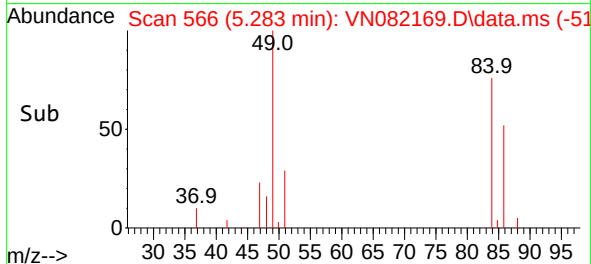
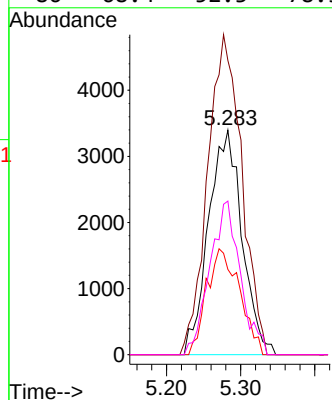
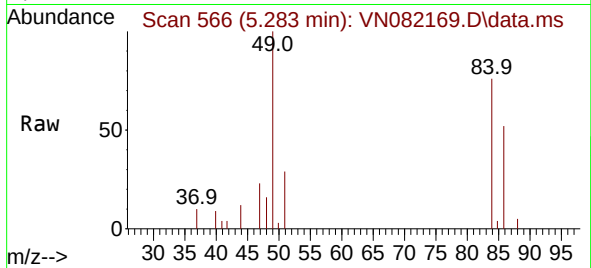




#20
Methylene Chloride
Concen: 4.579 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082169.D
Acq: 16 May 2024 18:06

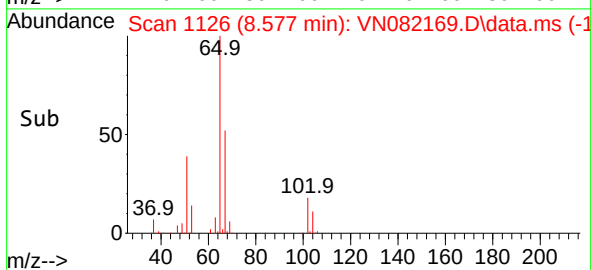
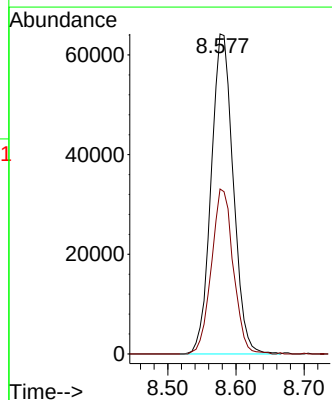
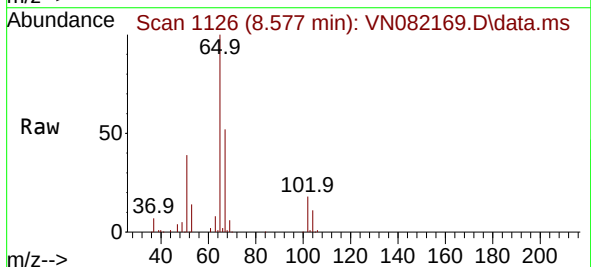
Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#04

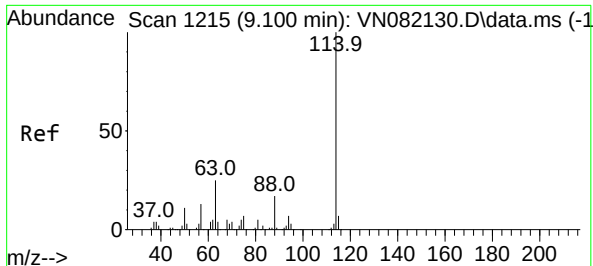
Tgt Ion: 84 Resp: 10674
Ion Ratio Lower Upper
84 100
49 131.1 84.9 127.3#
51 38.0 27.0 40.6
86 68.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 51.391 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082169.D
Acq: 16 May 2024 18:06

Tgt Ion: 65 Resp: 144729
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082169.D

Acq: 16 May 2024 18:06

Instrument :

MSVOA_N

ClientSampleId :

PB160937ZHE#04

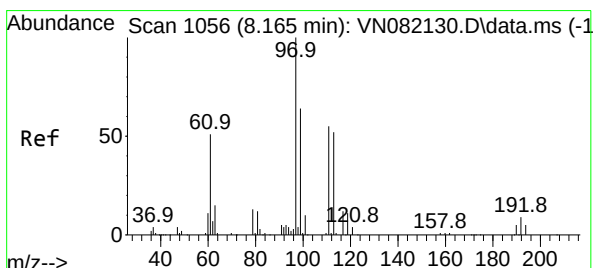
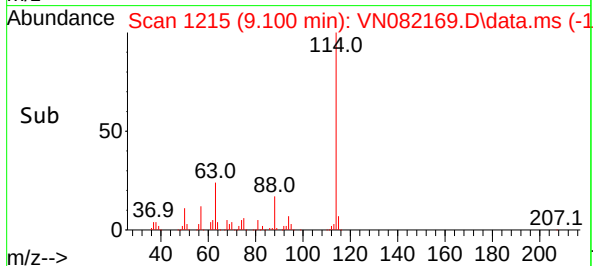
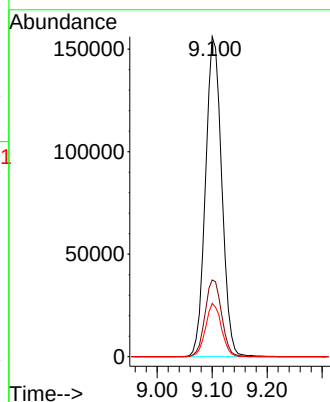
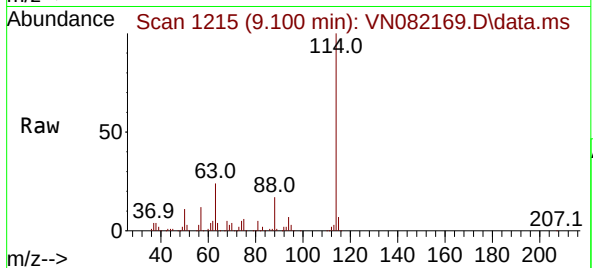
Tgt Ion:114 Resp: 320261

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.557 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082169.D

Acq: 16 May 2024 18:06

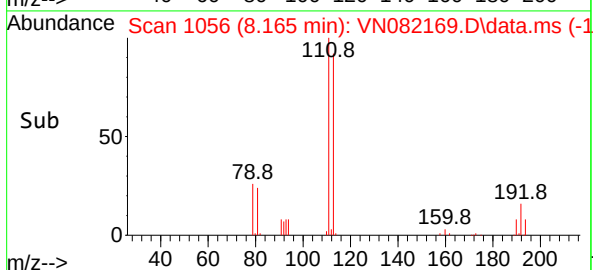
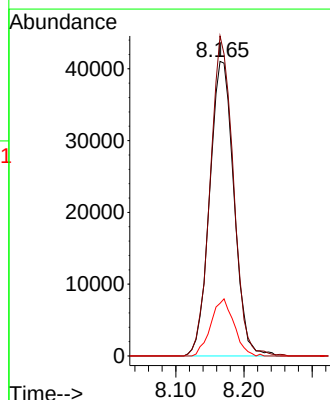
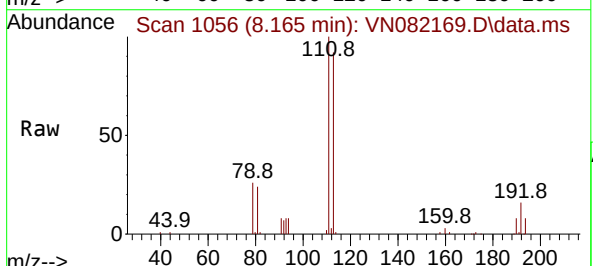
Tgt Ion:113 Resp: 101572

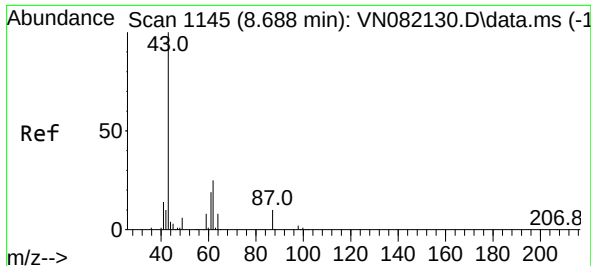
Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 18.5 14.0 21.0

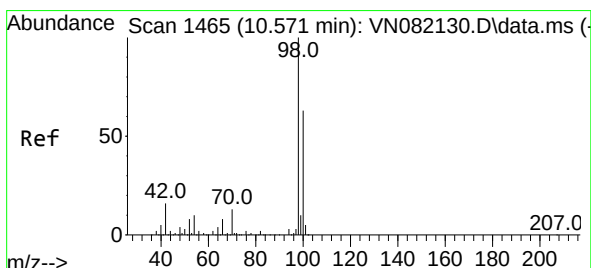
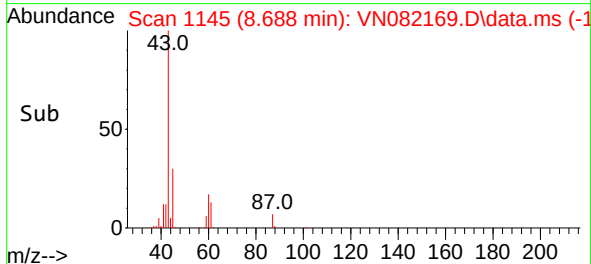
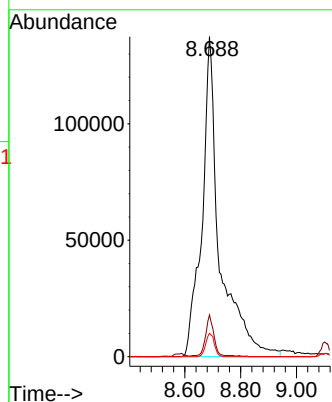
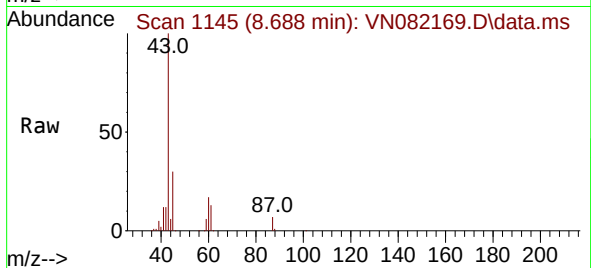




#43
Isopropyl Acetate
Concen: 92.566 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082169.D
Acq: 16 May 2024 18:06

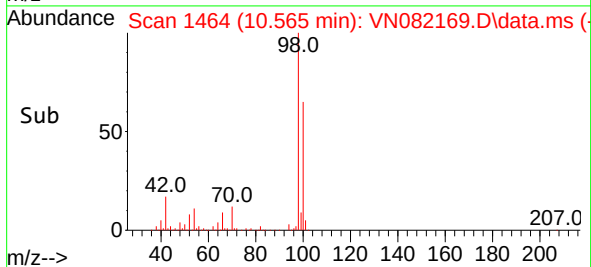
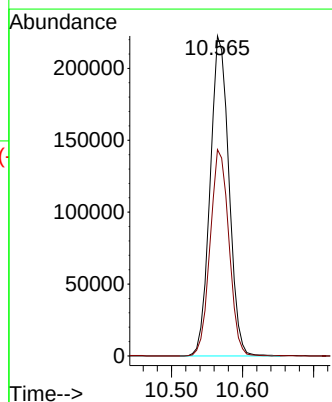
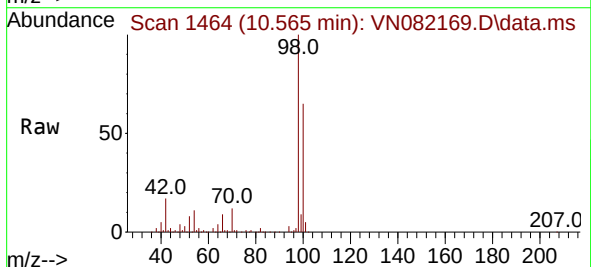
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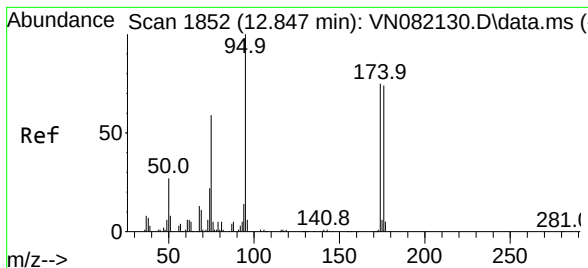
Tgt Ion: 43 Resp: 606512
Ion Ratio Lower Upper
43 100
61 5.9 22.8 34.2#
87 3.5 12.0 18.0#



#50
Toluene-d8
Concen: 53.991 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082169.D
Acq: 16 May 2024 18:06

Tgt Ion: 98 Resp: 407808
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

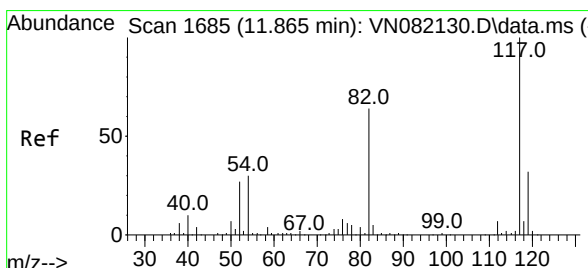
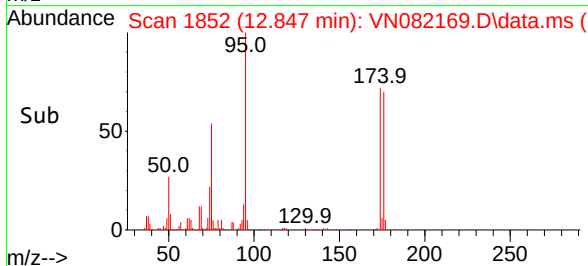
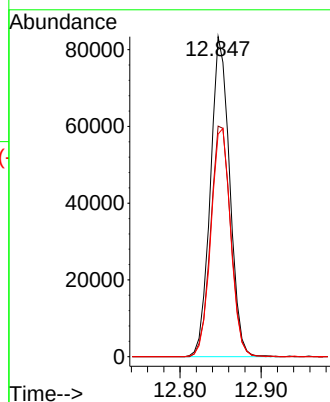
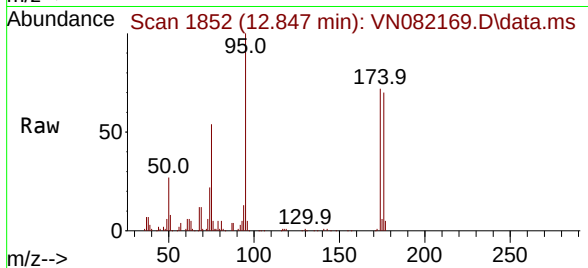




#62
4-Bromofluorobenzene
Concen: 50.934 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082169.D
Acq: 16 May 2024 18:06

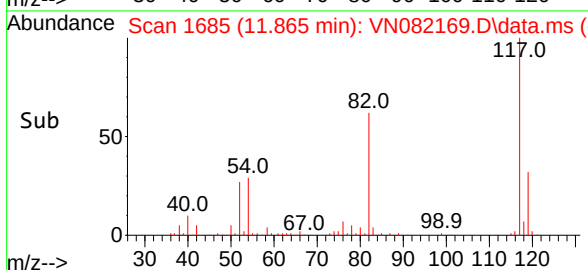
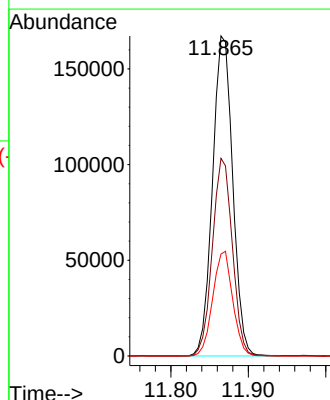
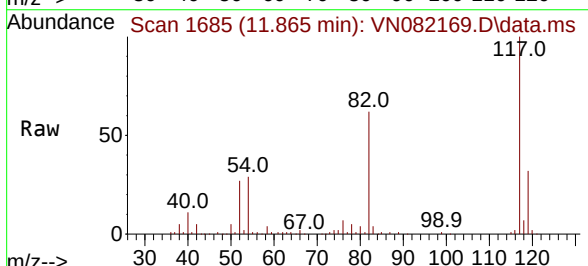
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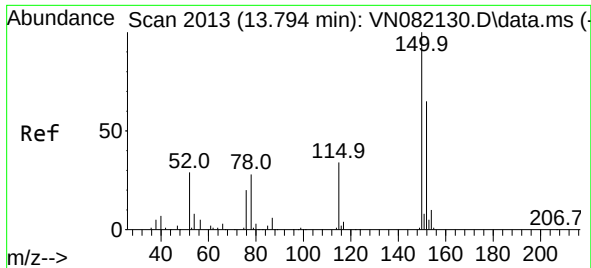
Tgt Ion: 95 Resp: 137315
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.6
176 72.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082169.D
Acq: 16 May 2024 18:06

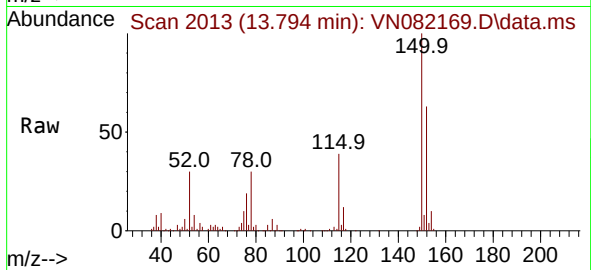
Tgt Ion: 117 Resp: 302471
Ion Ratio Lower Upper
117 100
82 61.8 44.6 66.8
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082169.D
 Acq: 16 May 2024 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160937ZHE#04



Tgt Ion:152 Resp: 122196
 Ion Ratio Lower Upper
 152 100
 115 62.3 30.4 91.3
 150 160.6 0.0 353.2

