

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082299.D
 Acq On : 22 May 2024 17:51
 Operator : JC\MD
 Sample : PB161037ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#12

Quant Time: May 23 01:55:31 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)

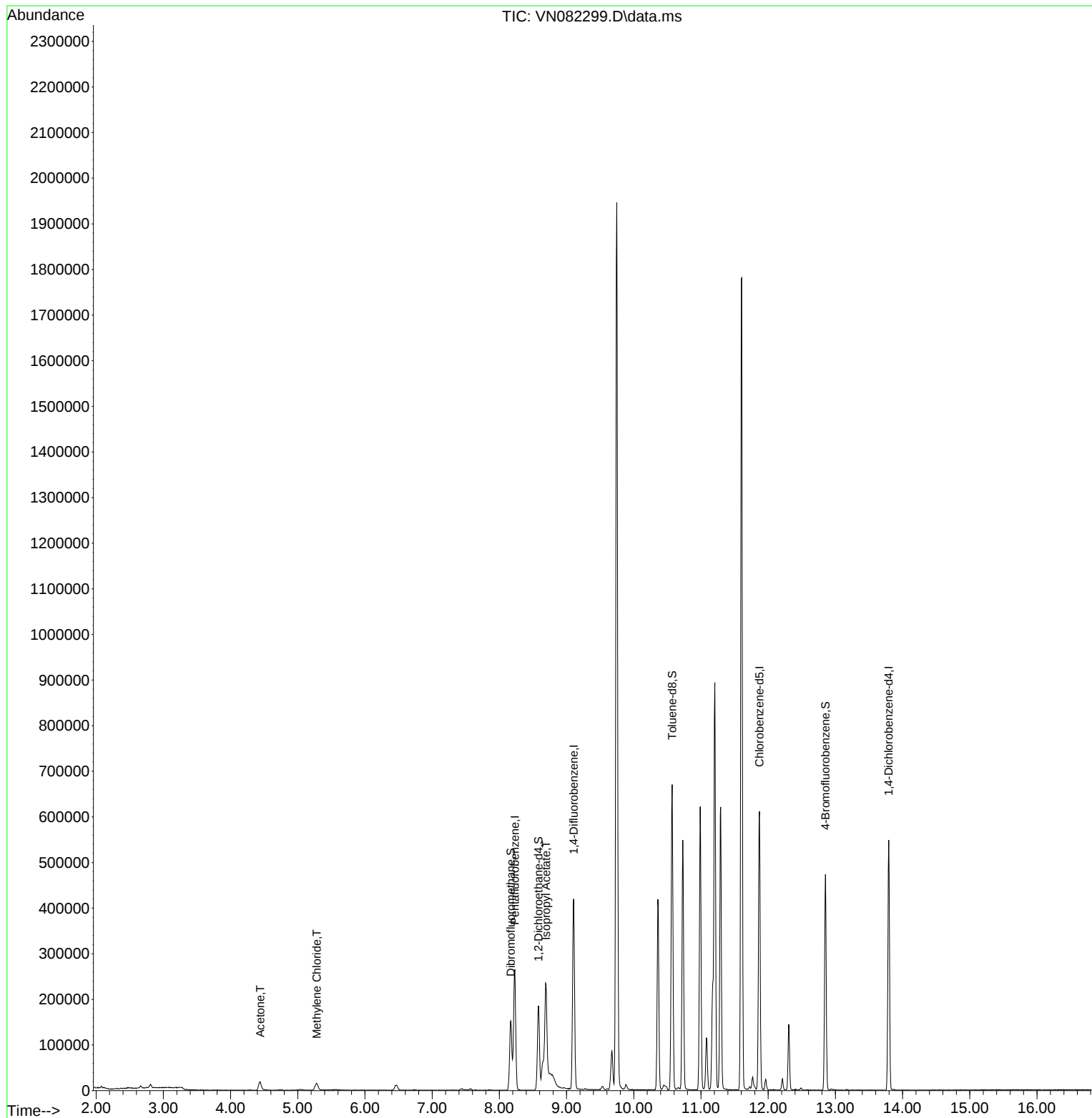
Internal Standards						
1) Pentafluorobenzene	8.230	168	182158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	329160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	319474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151066	52.521	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.040%		
35) Dibromofluoromethane	8.171	113	105046	51.879	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.760%		
50) Toluene-d8	10.571	98	423699	54.579	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.160%		
62) 4-Bromofluorobenzene	12.853	95	152127	54.903	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 109.800%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	35871	30.401	ug/l	94
20) Methylene Chloride	5.283	84	10660	4.478	ug/l #	80
43) Isopropyl Acetate	8.694	43	341546	50.718	ug/l #	72

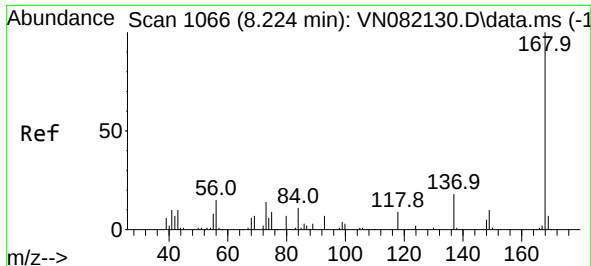
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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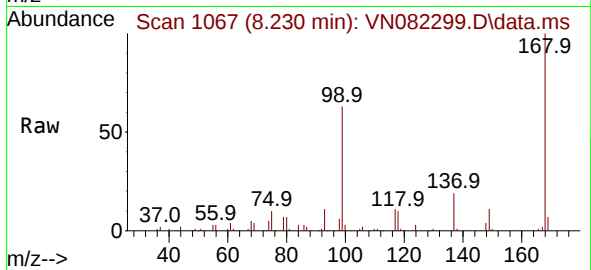
Quant Time: May 23 01:55:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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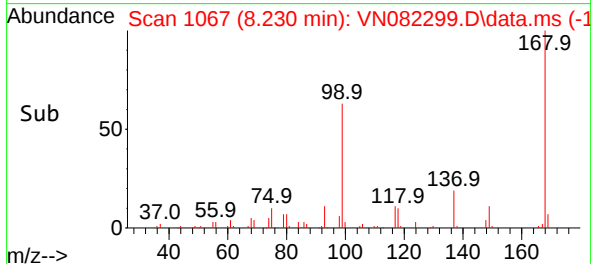
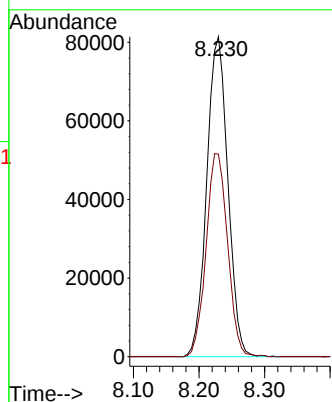


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082299.D
Acq: 22 May 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#12

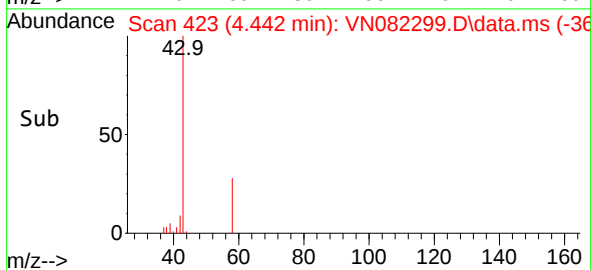
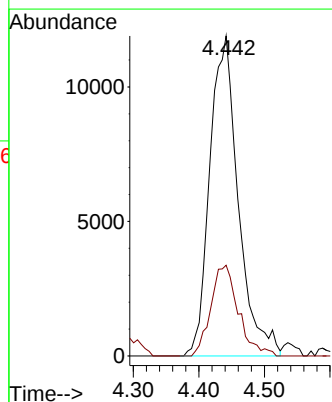
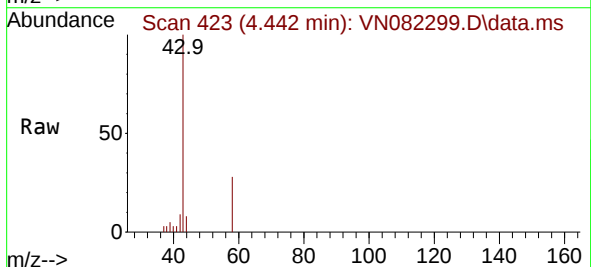


Tgt Ion:168 Resp: 182158
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4



#16
Acetone
Concen: 30.401 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082299.D
Acq: 22 May 2024 17:51

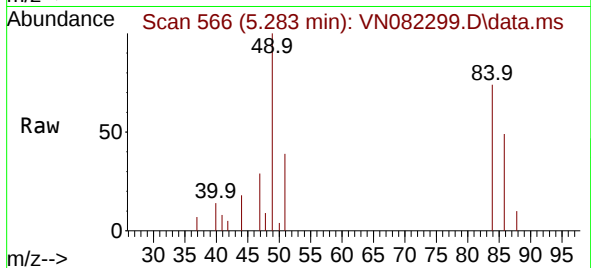
Tgt Ion: 43 Resp: 35871
Ion Ratio Lower Upper
43 100
58 28.4 25.2 37.8



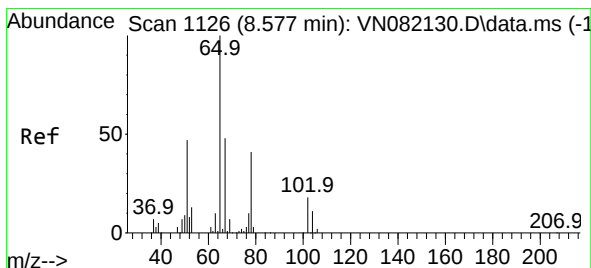
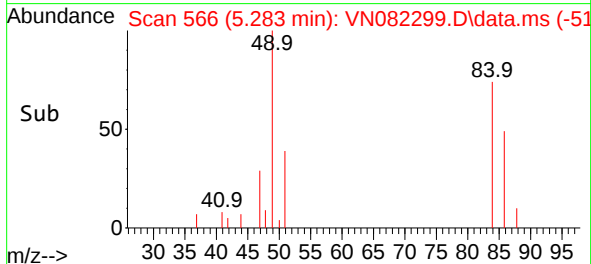
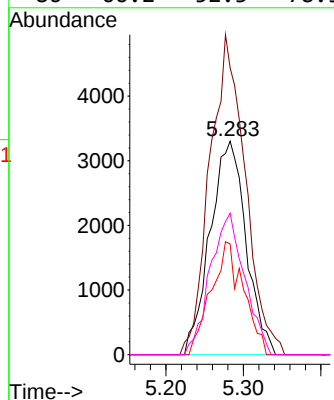


#20
Methylene Chloride
Concen: 4.478 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082299.D
Acq: 22 May 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#12

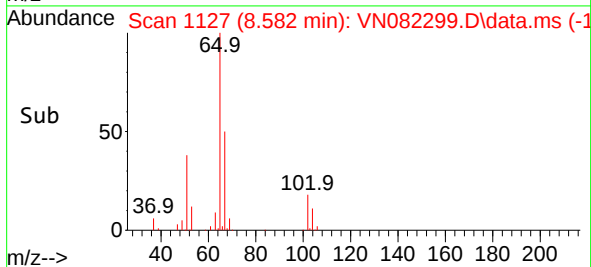
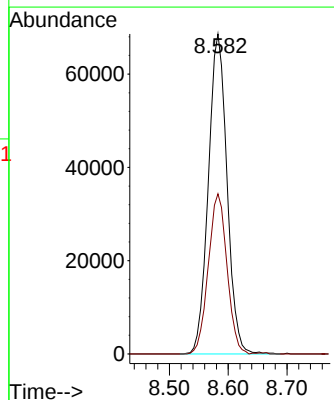
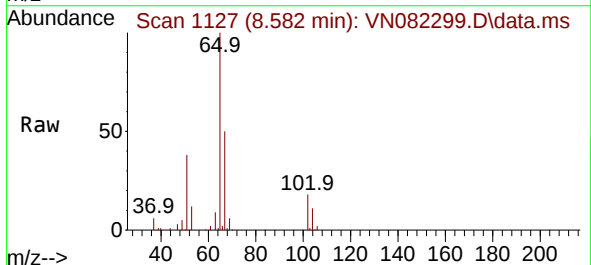


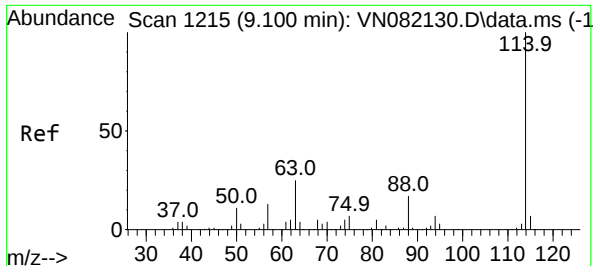
Tgt Ion:	84	Resp:	10660
Ion	Ratio	Lower	Upper
84	100		
49	134.4	84.9	127.3#
51	51.9	27.0	40.6#
86	66.2	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 52.521 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082299.D
Acq: 22 May 2024 17:51

Tgt Ion:	65	Resp:	151066
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082299.D

Acq: 22 May 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#12

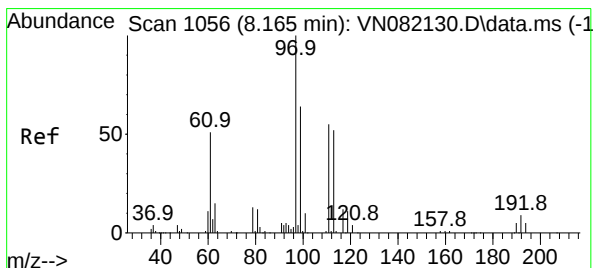
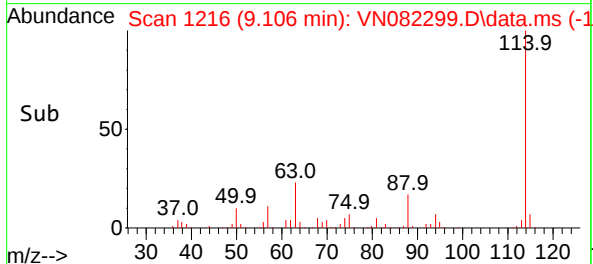
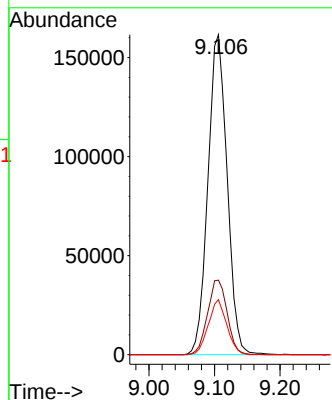
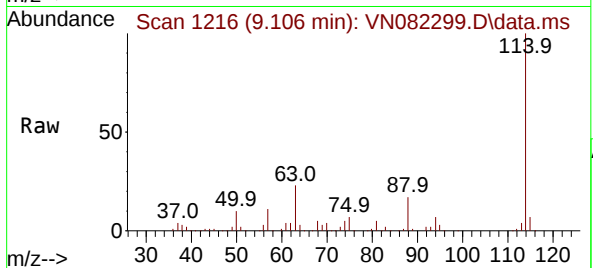
Tgt Ion:114 Resp: 329160

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.879 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082299.D

Acq: 22 May 2024 17:51

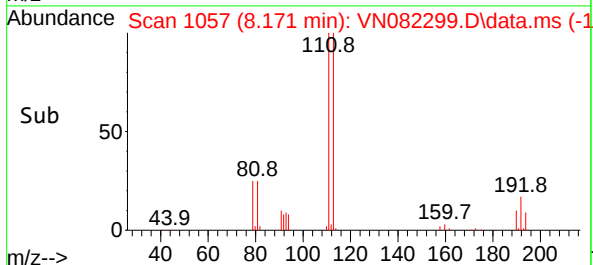
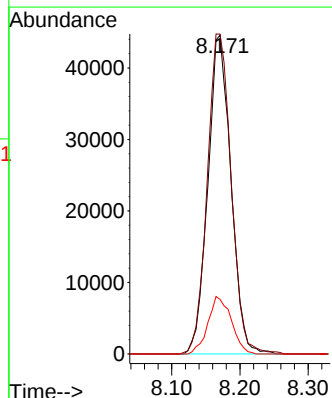
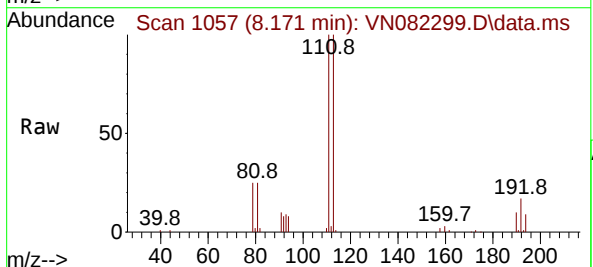
Tgt Ion:113 Resp: 105046

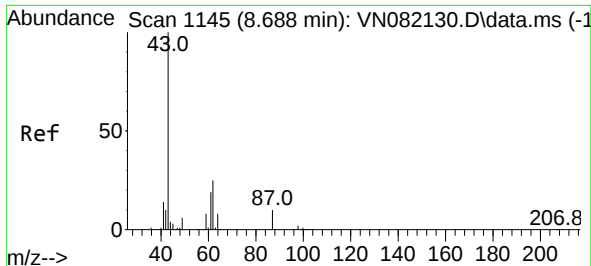
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 18.3 14.0 21.0

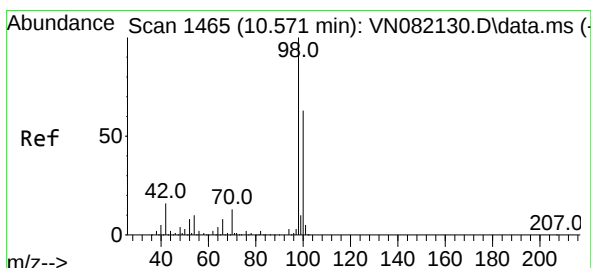
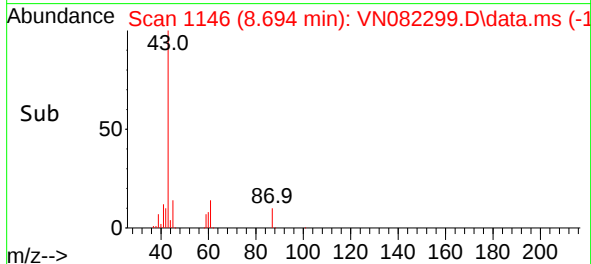
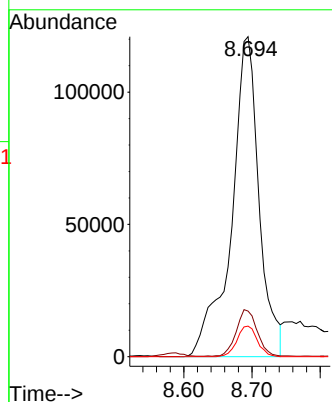
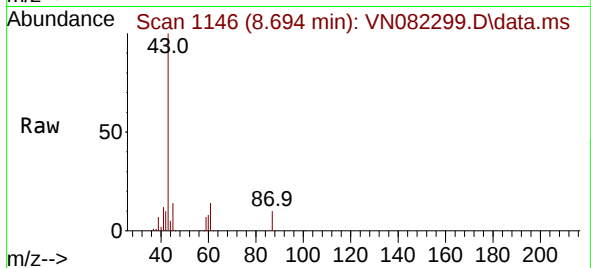




#43
Isopropyl Acetate
Concen: 50.718 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082299.D
Acq: 22 May 2024 17:51

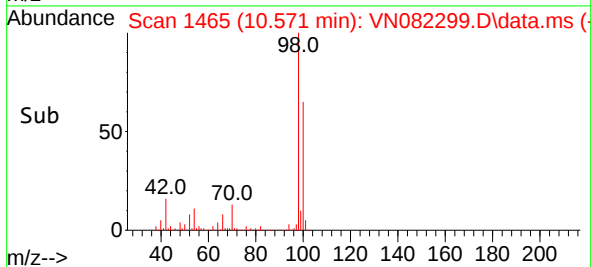
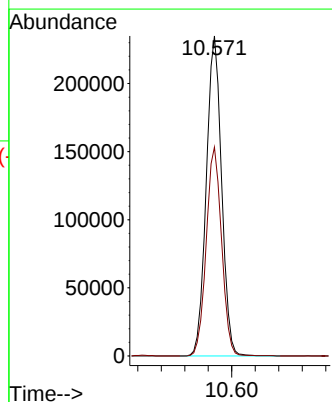
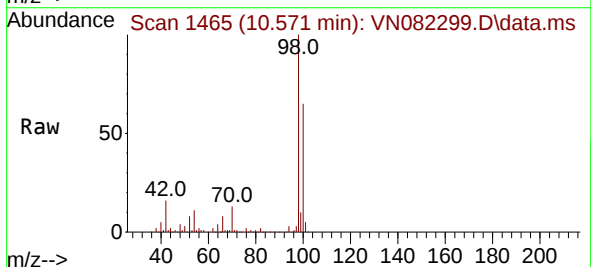
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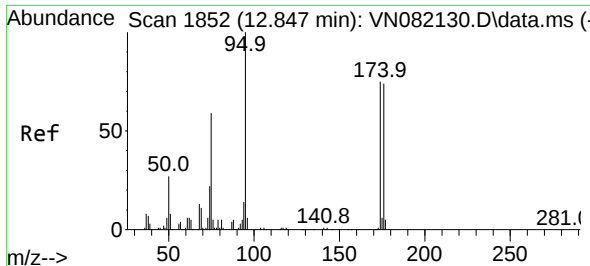
Tgt Ion: 43 Resp: 341546
Ion Ratio Lower Upper
43 100
61 11.2 22.8 34.2#
87 7.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.579 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082299.D
Acq: 22 May 2024 17:51

Tgt Ion: 98 Resp: 423699
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

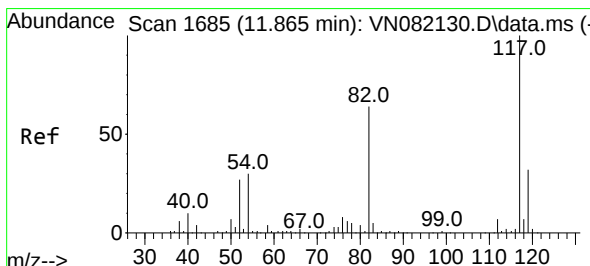
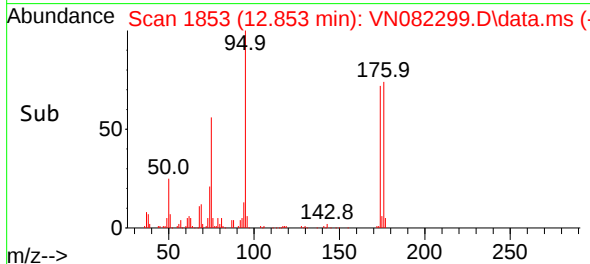
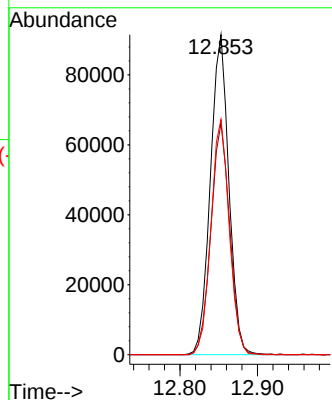
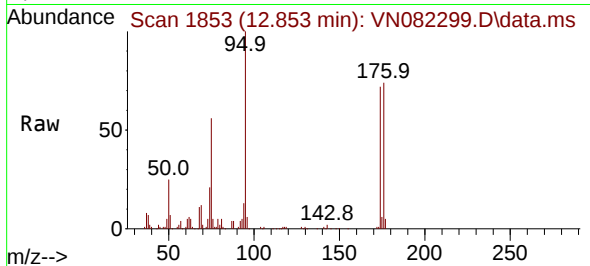




#62
4-Bromofluorobenzene
Concen: 54.903 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082299.D
Acq: 22 May 2024 17:51

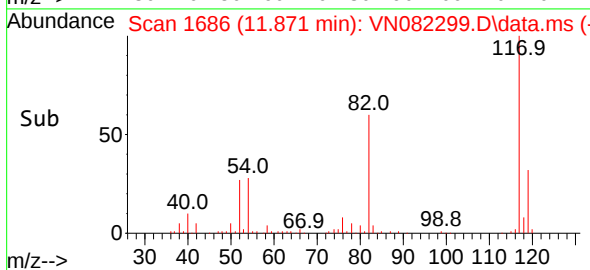
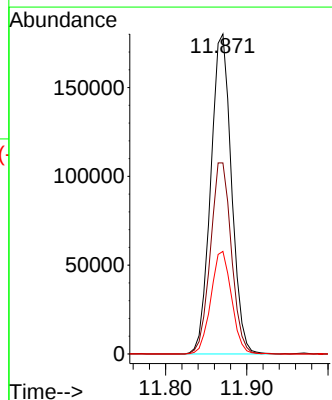
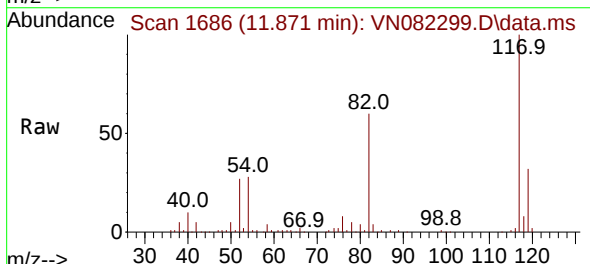
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#12

Tgt Ion: 95 Resp: 152127
Ion Ratio Lower Upper
95 100
174 73.1 0.0 160.6
176 72.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082299.D
Acq: 22 May 2024 17:51

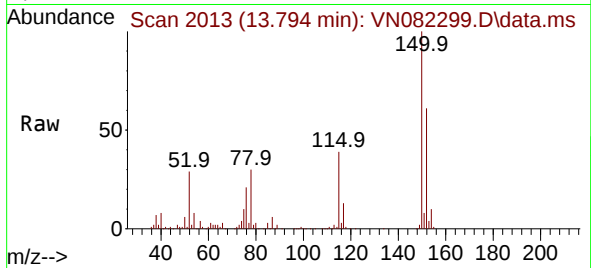
Tgt Ion: 117 Resp: 319474
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 32.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082299.D
 Acq: 22 May 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#12



Tgt Ion:152 Resp: 134490
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.4 91.3
 150 159.1 0.0 353.2

