

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080346.D
 Acq On : 04 Dec 2023 18:20
 Operator : JC\MD
 Sample : 05602-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPRING-VALLEY-TP-1

Quant Time: Dec 05 04:20:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

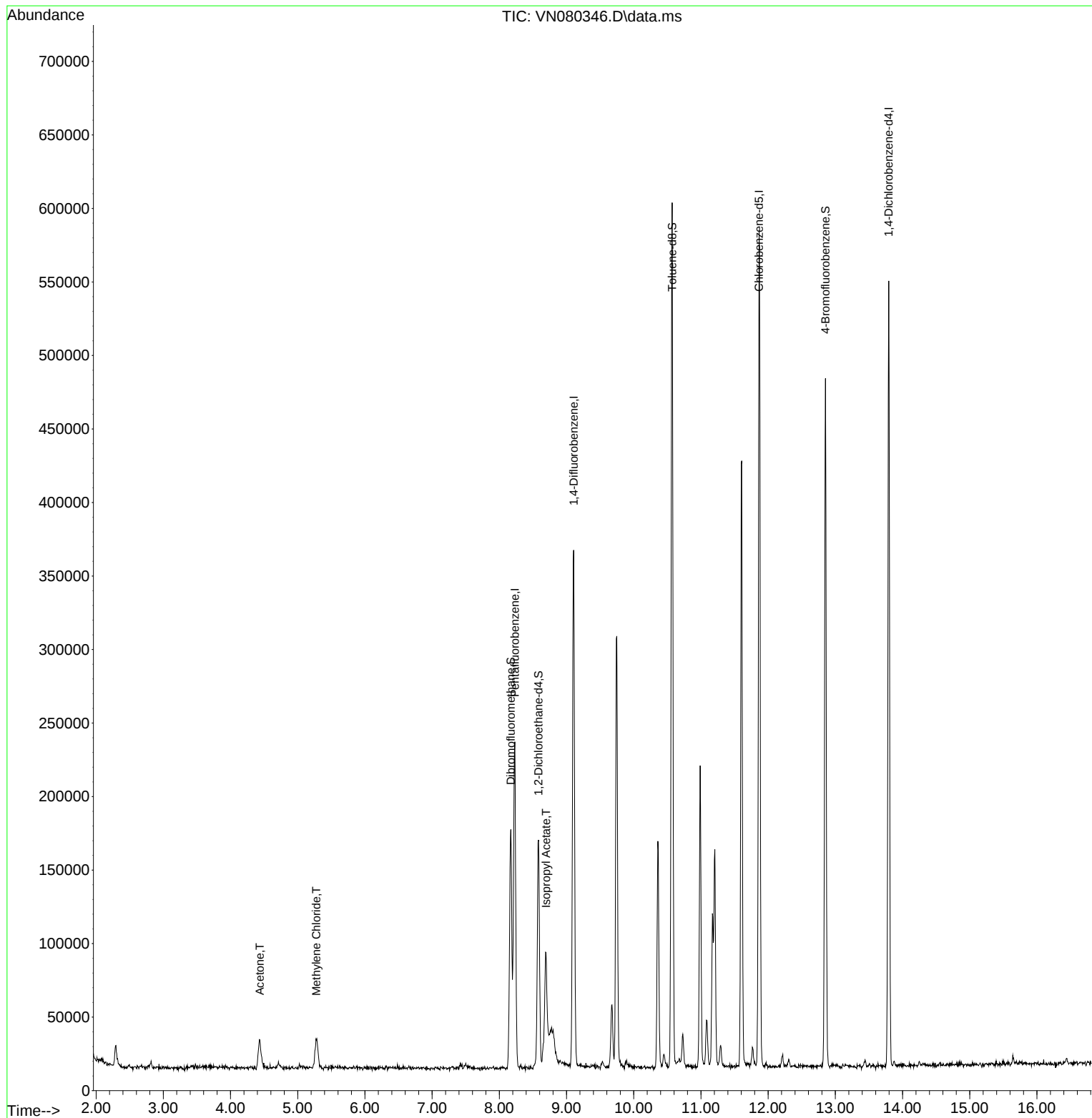
Internal Standards						
1) Pentafluorobenzene	8.230	168	153749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145083	57.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.300%
35) Dibromofluoromethane	8.171	113	114021	51.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.520%
50) Toluene-d8	10.571	98	404244	50.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.853	95	155908	51.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.960%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	35630	41.786	ug/l	94
20) Methylene Chloride	5.277	84	16630	9.313	ug/l	93
43) Isopropyl Acetate	8.694	43	99779	23.180	ug/l #	75

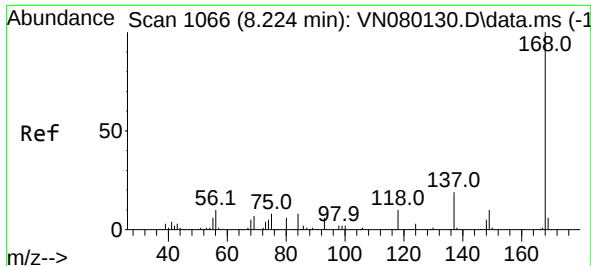
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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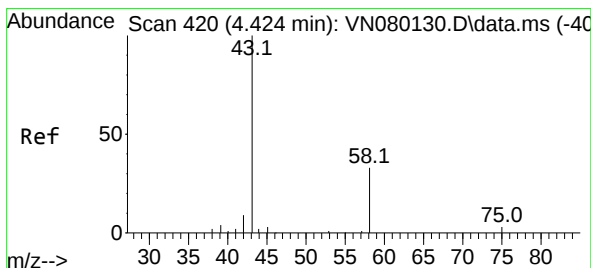
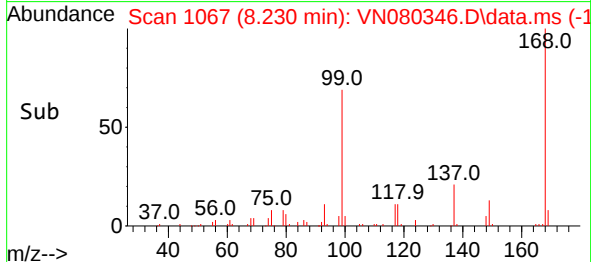
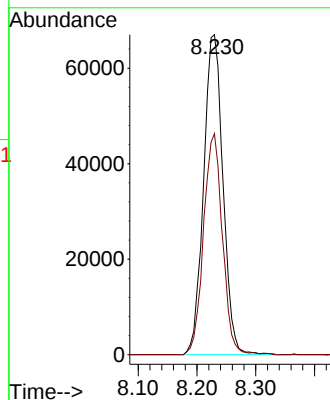
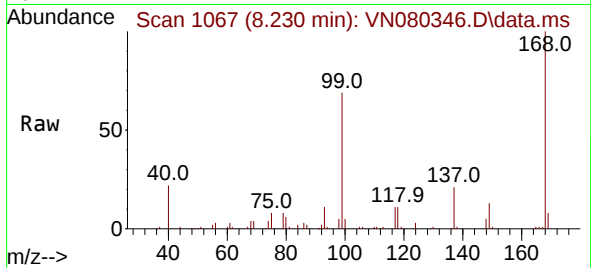




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080346.D
Acq: 04 Dec 2023 18:20

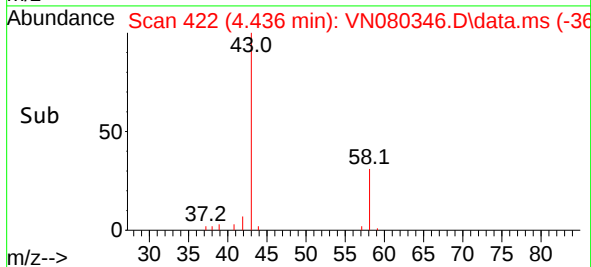
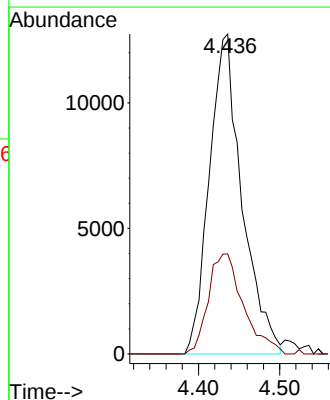
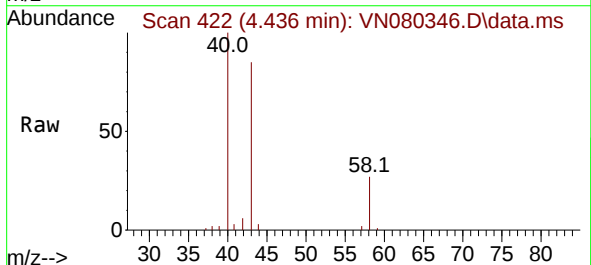
Instrument :
MSVOA_N
ClientSampleId :
SPRING-VALLEY-TP-1

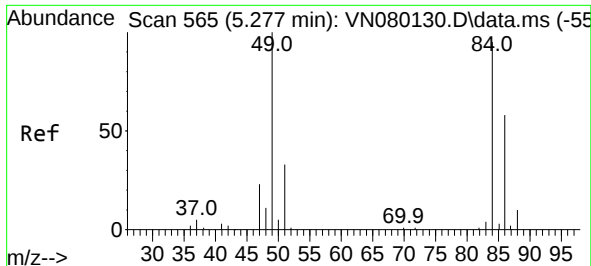
Tgt Ion:168 Resp: 153749
Ion Ratio Lower Upper
168 100
99 69.1 53.0 79.6



#16
Acetone
Concen: 41.786 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080346.D
Acq: 04 Dec 2023 18:20

Tgt Ion: 43 Resp: 35630
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0

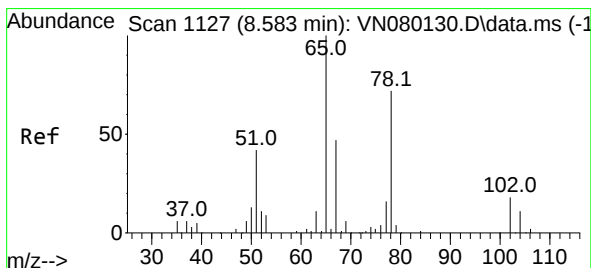
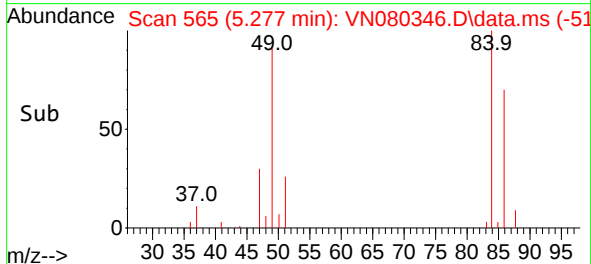
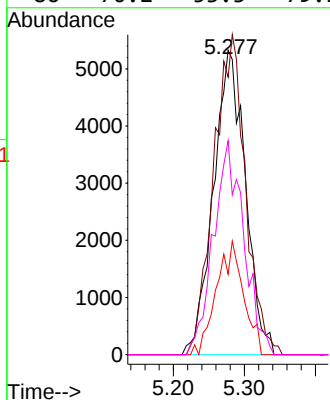
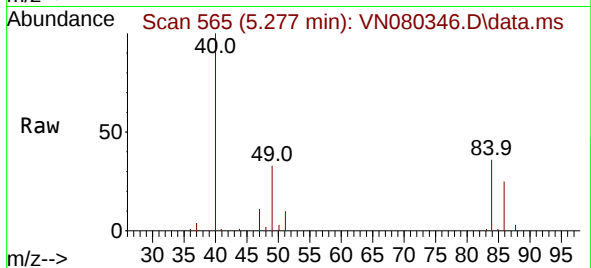




#20
Methylene Chloride
Concen: 9.313 ug/l
RT: 5.277 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN080346.D
Acq: 04 Dec 2023 18:20

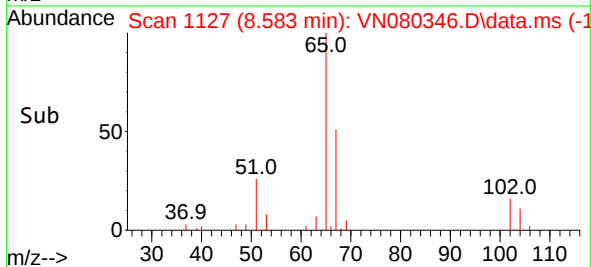
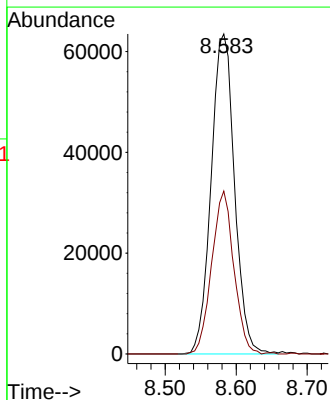
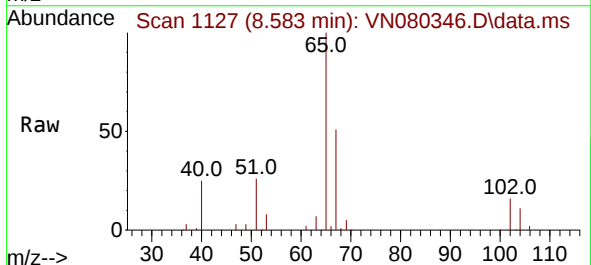
Instrument :
MSVOA_N
ClientSampleId :
SPRING-VALLEY-TP-1

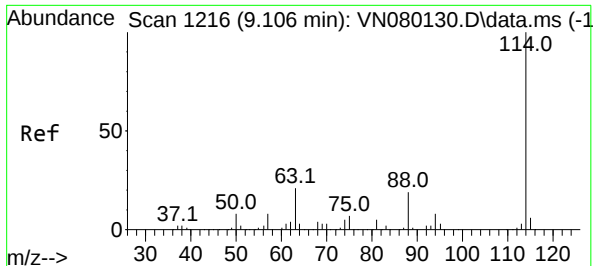
Tgt Ion:	84	Resp:	16630
Ion	Ratio	Lower	Upper
84	100		
49	91.1	79.7	119.5
51	26.5	25.2	37.8
86	70.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 57.150 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080346.D
Acq: 04 Dec 2023 18:20

Tgt Ion:	65	Resp:	145083
Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080346.D

Acq: 04 Dec 2023 18:20

Instrument :

MSVOA_N

ClientSampleId :

SPRING-VALLEY-TP-1

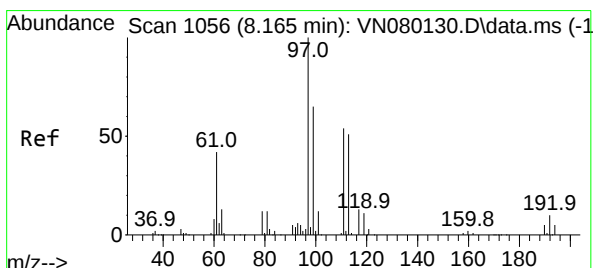
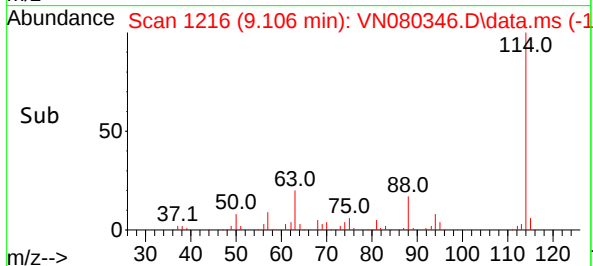
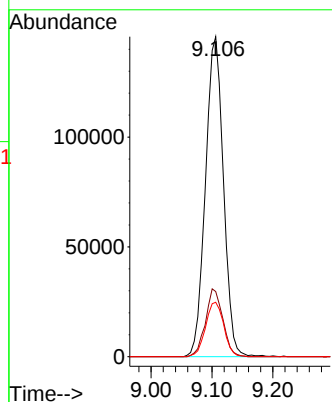
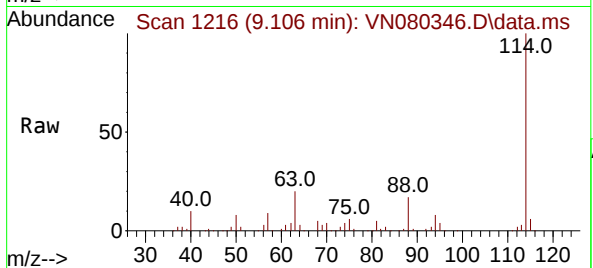
Tgt Ion:114 Resp: 298518

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.765 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080346.D

Acq: 04 Dec 2023 18:20

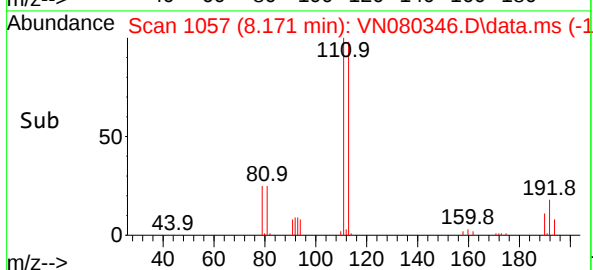
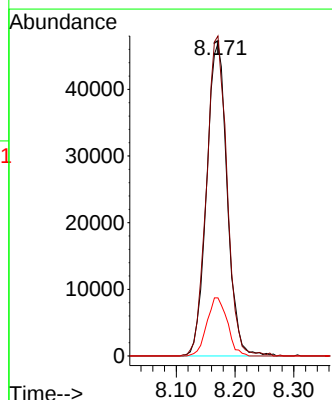
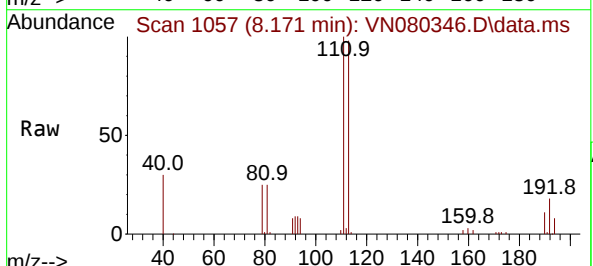
Tgt Ion:113 Resp: 114021

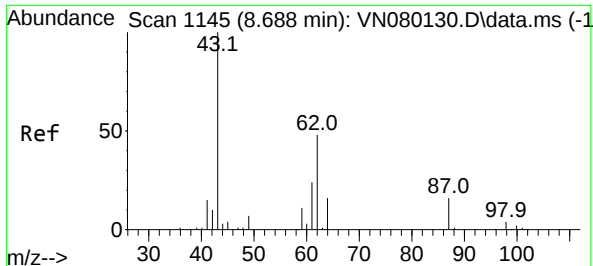
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 18.5 12.7 19.1

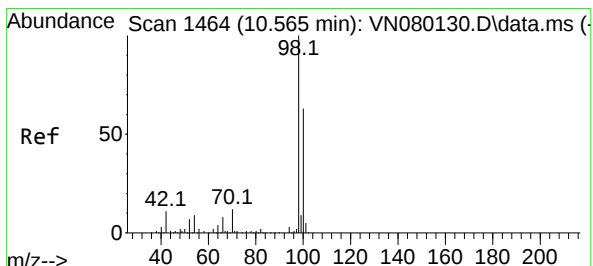
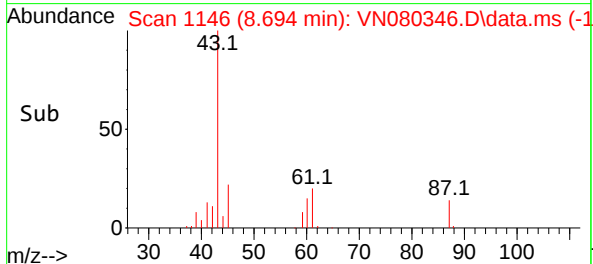
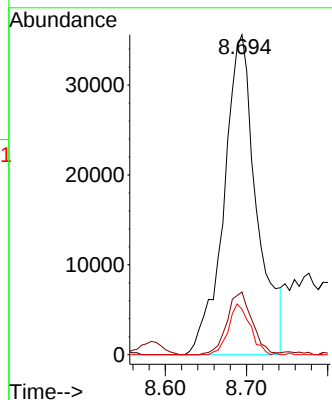
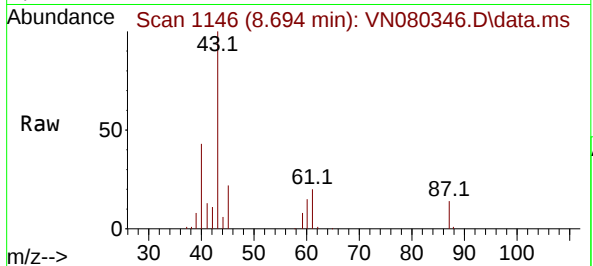




#43
Isopropyl Acetate
Concen: 23.180 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080346.D
Acq: 04 Dec 2023 18:20

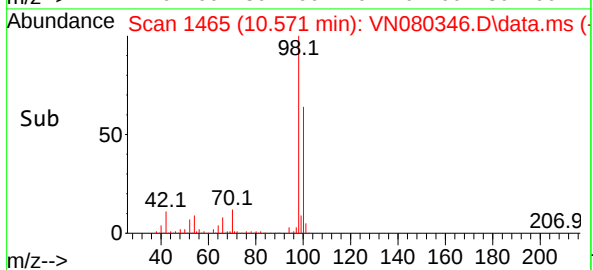
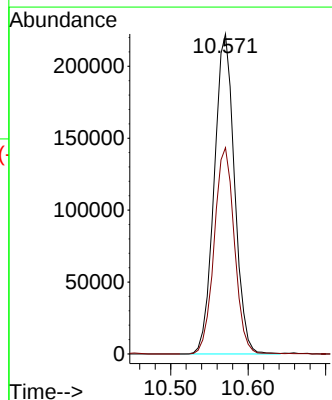
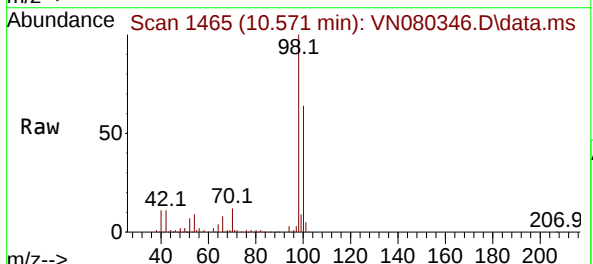
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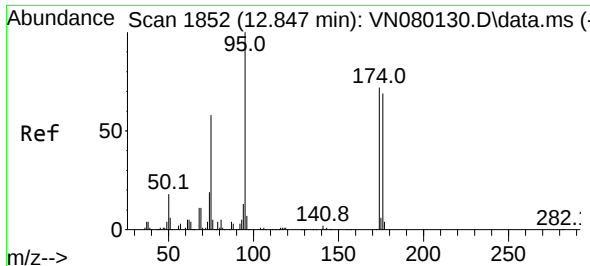
Tgt Ion: 43 Resp: 99779
Ion Ratio Lower Upper
43 100
61 15.0 24.7 37.1#
87 10.5 14.6 21.8#



#50
Toluene-d8
Concen: 50.911 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080346.D
Acq: 04 Dec 2023 18:20

Tgt Ion: 98 Resp: 404244
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

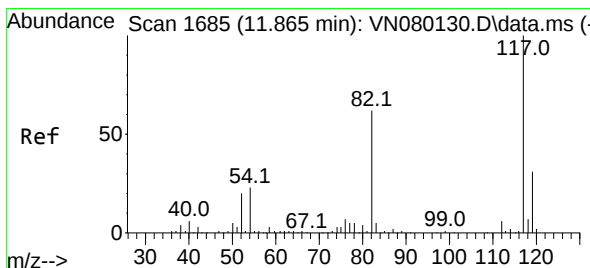
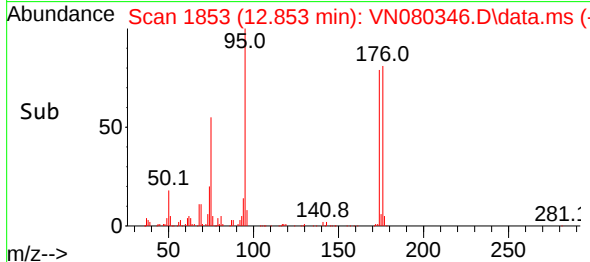
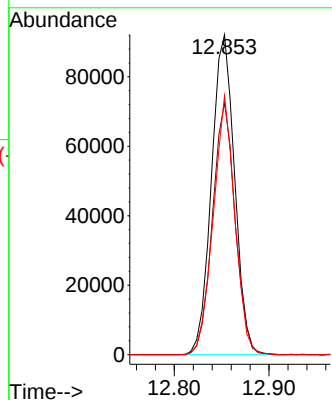
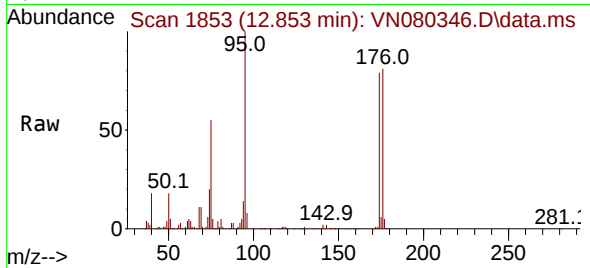




#62
4-Bromofluorobenzene
Concen: 51.984 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080346.D
Acq: 04 Dec 2023 18:20

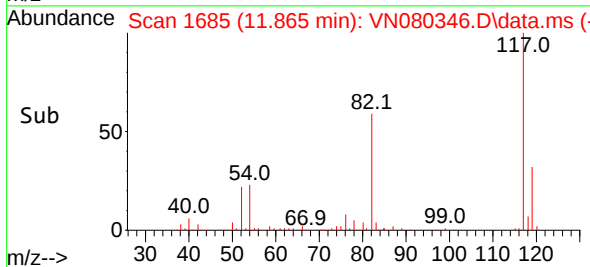
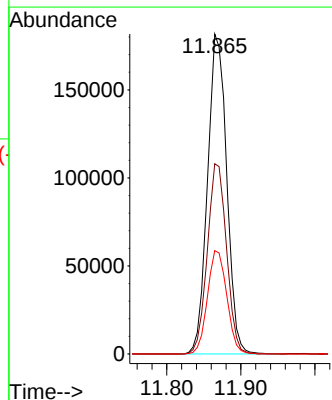
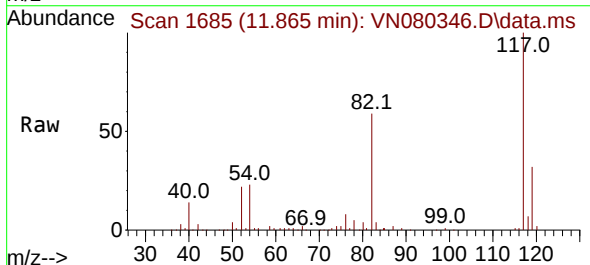
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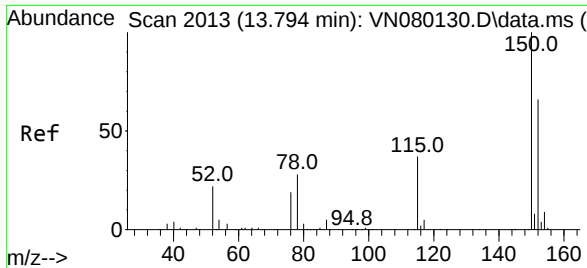
Tgt Ion: 95 Resp: 155908
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 75.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080346.D
Acq: 04 Dec 2023 18:20

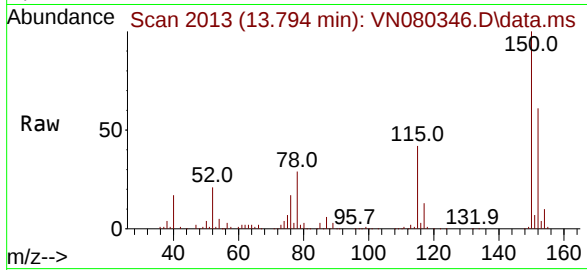
Tgt Ion: 117 Resp: 326687
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080346.D
 Acq: 04 Dec 2023 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 SPRING-VALLEY-TP-1



Tgt Ion:152 Resp: 142573
 Ion Ratio Lower Upper
 152 100
 115 65.9 32.3 96.8
 150 155.9 0.0 355.8

