

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080341.D
 Acq On : 04 Dec 2023 16:21
 Operator : JC\MD
 Sample : 05602-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPRING-VALLEY-TP-2

Quant Time: Dec 05 04:17:50 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)

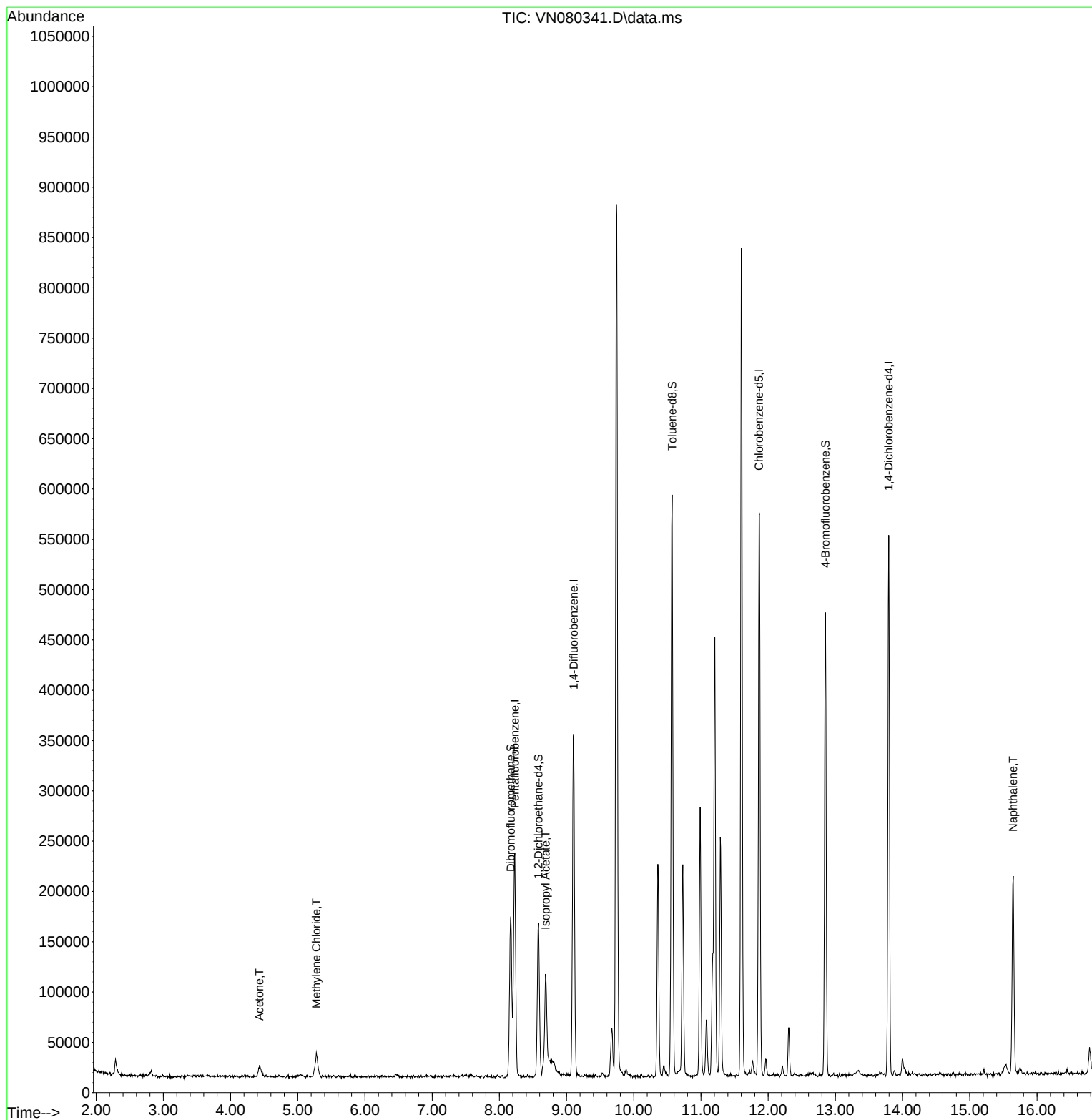
Internal Standards						
1) Pentafluorobenzene	8.230	168	155071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139737	54.575	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.140%		
35) Dibromofluoromethane	8.171	113	110995	51.448	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.900%		
50) Toluene-d8	10.571	98	400027	51.437	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.880%		
62) 4-Bromofluorobenzene	12.853	95	158346	53.905	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.800%		
Target Compounds						Qvalue
16) Acetone	4.430	43	20704	24.074	ug/l	91
20) Methylene Chloride	5.277	84	17472	9.701	ug/l	91
43) Isopropyl Acetate	8.688	43	119375	28.314	ug/l #	81
95) Naphthalene	15.647	128	190129	23.405	ug/l	98

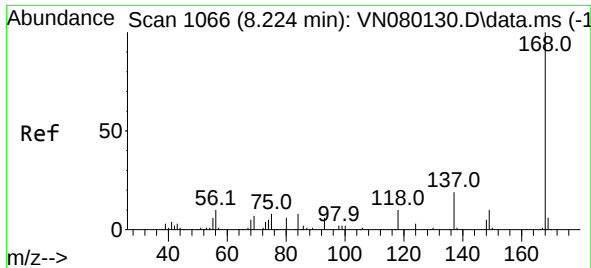
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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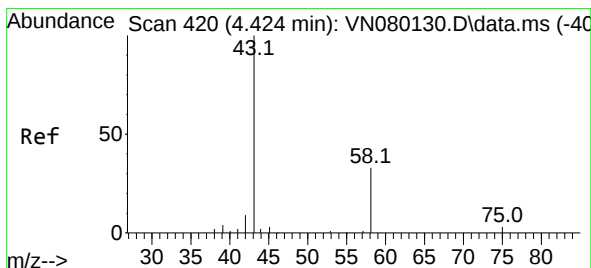
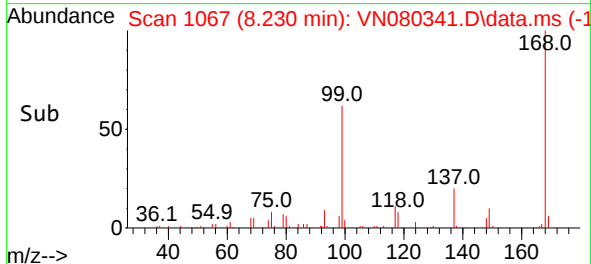
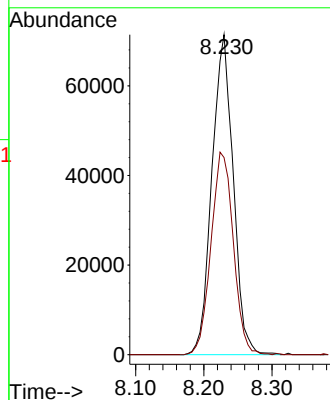
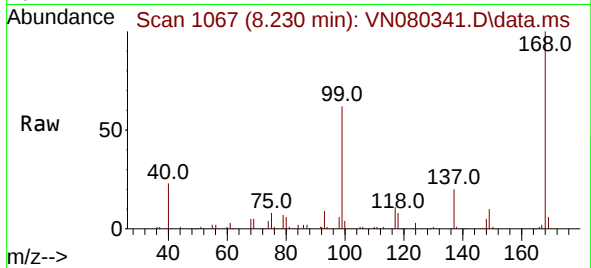




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080341.D
Acq: 04 Dec 2023 16:21

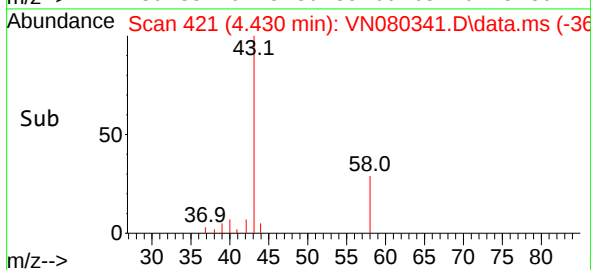
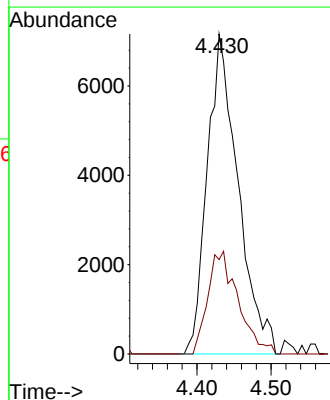
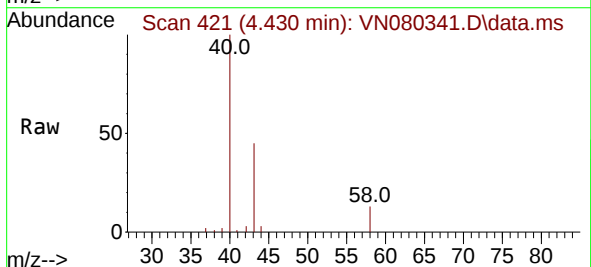
Instrument :
MSVOA_N
ClientSampleId :
SPRING-VALLEY-TP-2

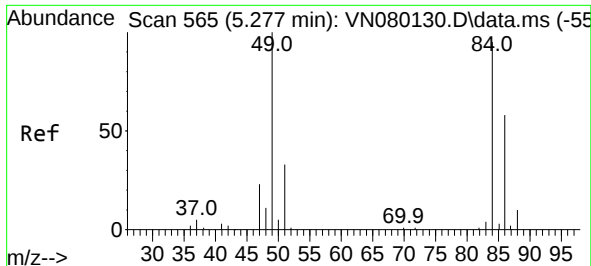
Tgt Ion:168 Resp: 155071
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#16
Acetone
Concen: 24.074 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080341.D
Acq: 04 Dec 2023 16:21

Tgt Ion: 43 Resp: 20704
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0

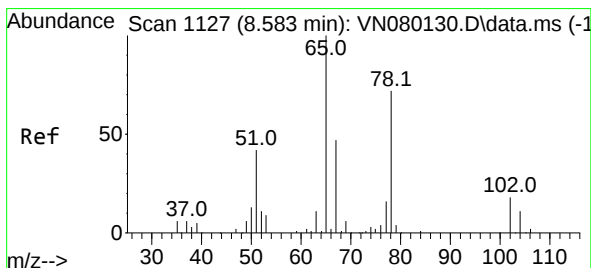
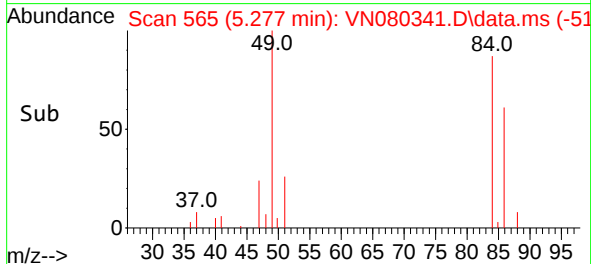
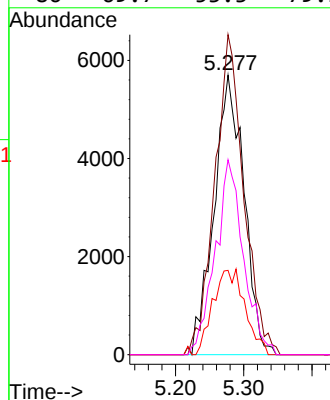
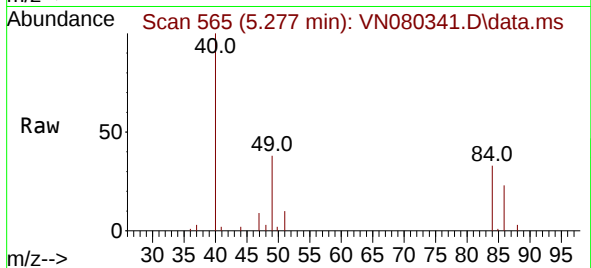




#20
Methylene Chloride
Concen: 9.701 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080341.D
Acq: 04 Dec 2023 16:21

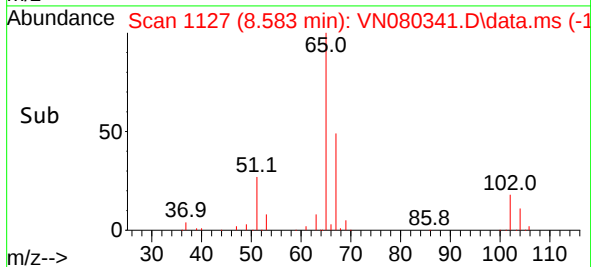
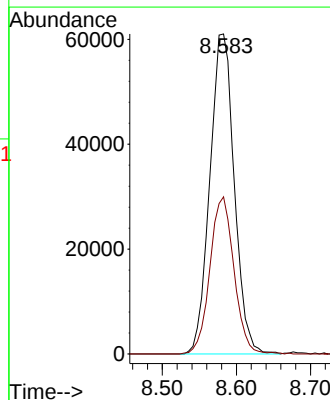
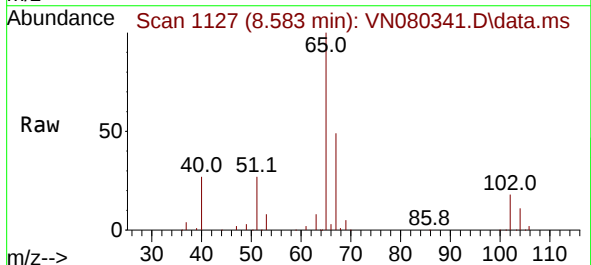
Instrument :
MSVOA_N
ClientSampleId :
SPRING-VALLEY-TP-2

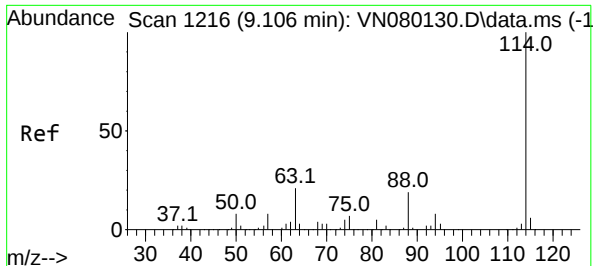
Tgt Ion: 84	Resp: 17472
Ion Ratio	Lower Upper
84 100	
49 114.5	79.7 119.5
51 30.2	25.2 37.8
86 69.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 54.575 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080341.D
Acq: 04 Dec 2023 16:21

Tgt Ion: 65	Resp: 139737
Ion Ratio	Lower Upper
65 100	
67 48.4	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080341.D

Acq: 04 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

SPRING-VALLEY-TP-2

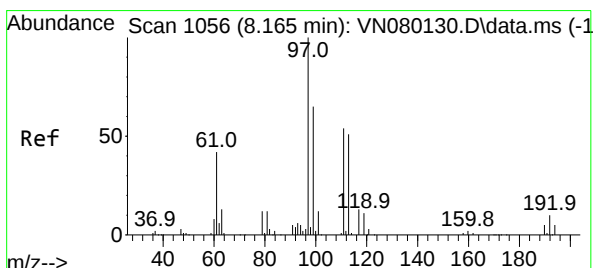
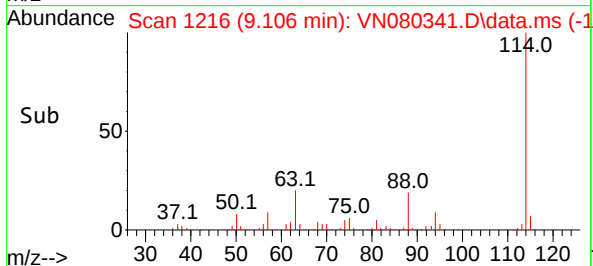
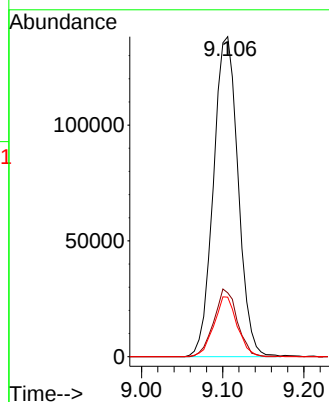
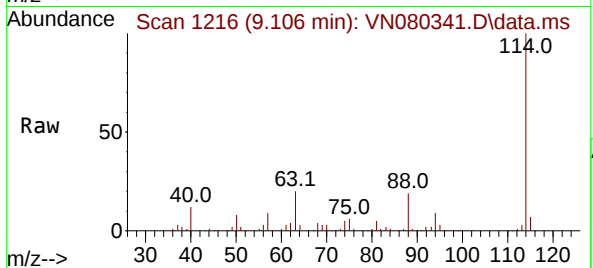
Tgt Ion:114 Resp: 292383

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 18.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.448 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080341.D

Acq: 04 Dec 2023 16:21

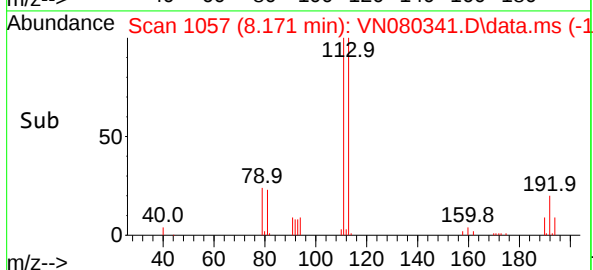
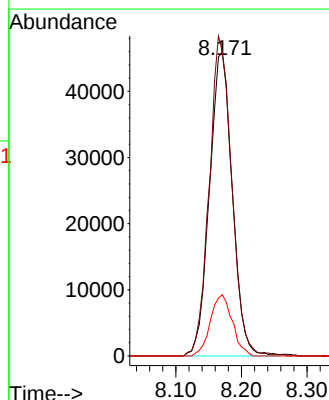
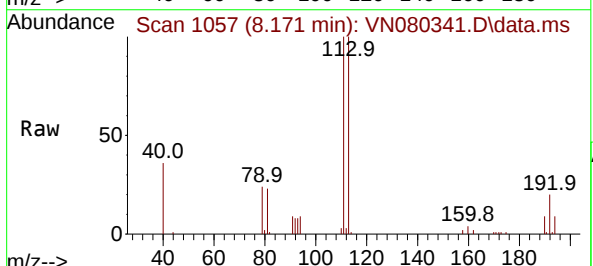
Tgt Ion:113 Resp: 110995

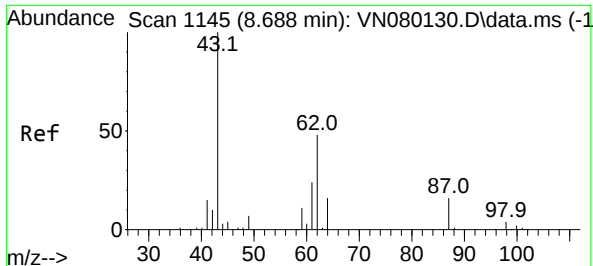
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 19.4 12.7 19.1#





#43

Isopropyl Acetate

Concen: 28.314 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080341.D

Acq: 04 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

SPRING-VALLEY-TP-2

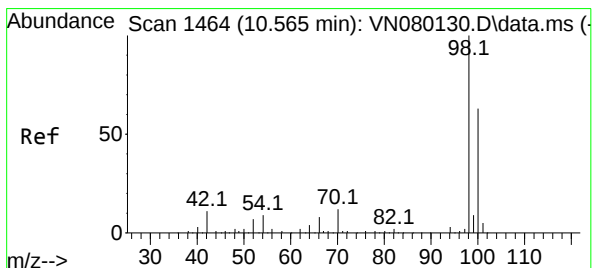
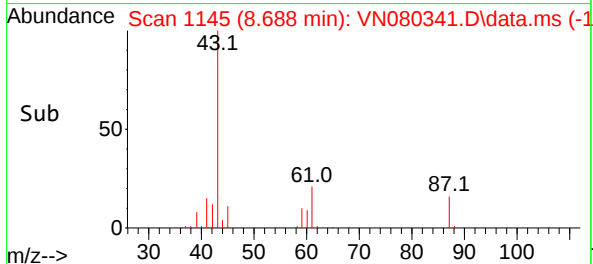
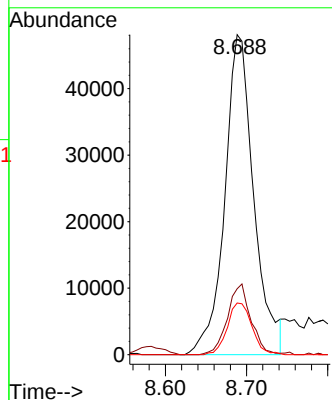
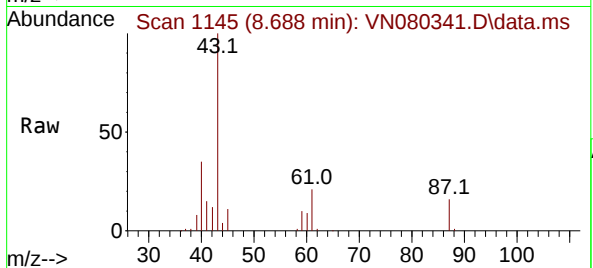
Tgt Ion: 43 Resp: 119375

Ion Ratio Lower Upper

43 100

61 17.9 24.7 37.1#

87 13.7 14.6 21.8#



#50

Toluene-d8

Concen: 51.437 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080341.D

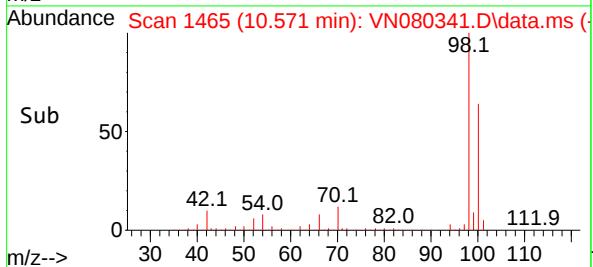
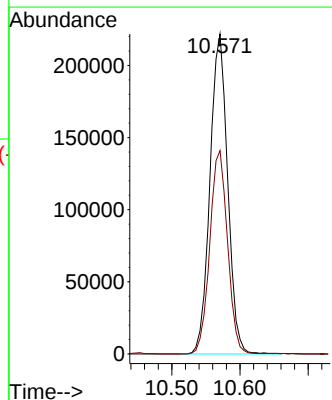
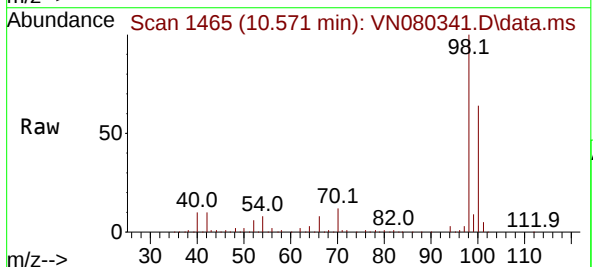
Acq: 04 Dec 2023 16:21

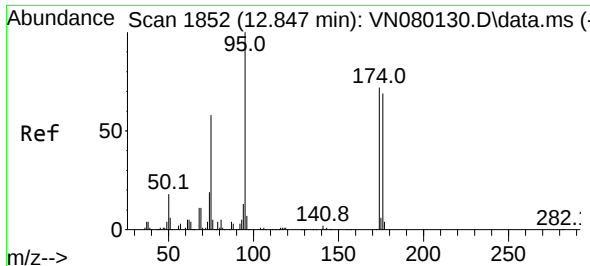
Tgt Ion: 98 Resp: 400027

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

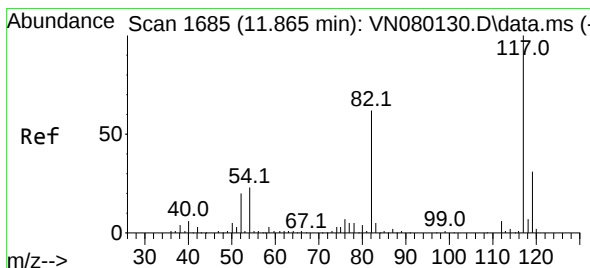
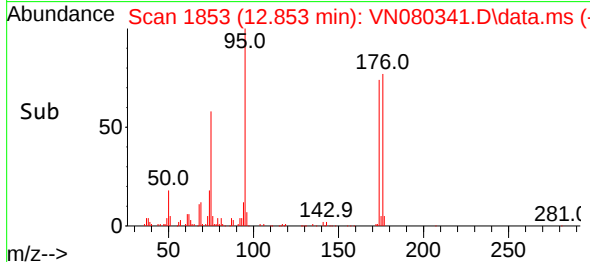
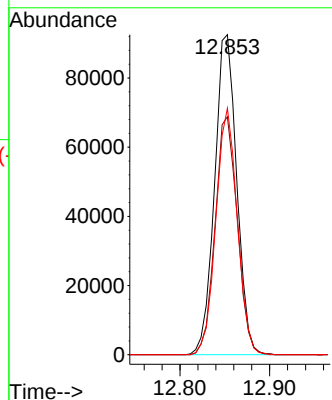
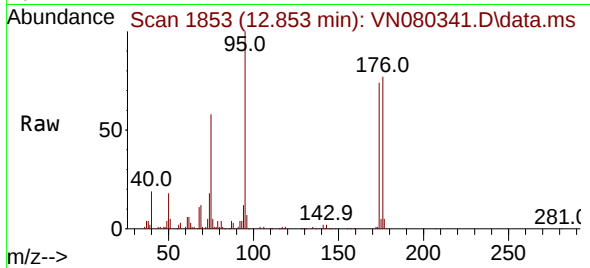




#62
4-Bromofluorobenzene
Concen: 53.905 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080341.D
Acq: 04 Dec 2023 16:21

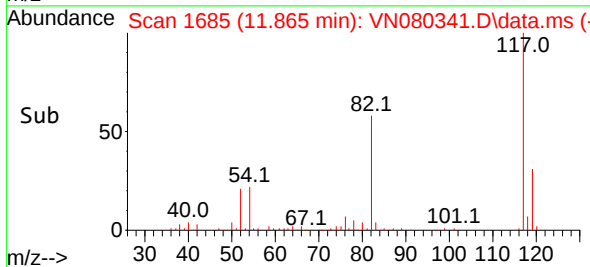
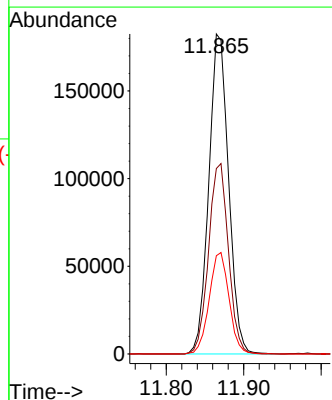
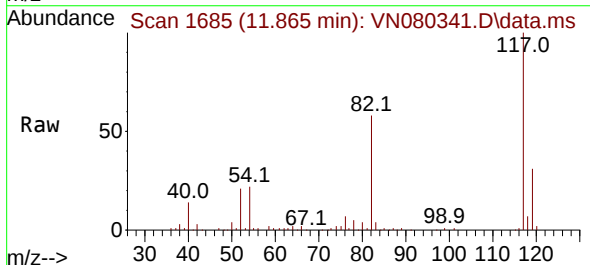
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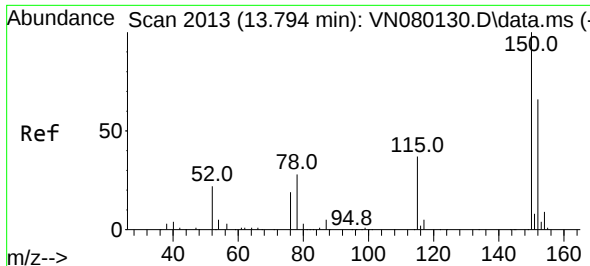
Tgt Ion: 95 Resp: 158346
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080341.D
Acq: 04 Dec 2023 16:21

Tgt Ion: 117 Resp: 323040
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 30.7 25.6 38.4

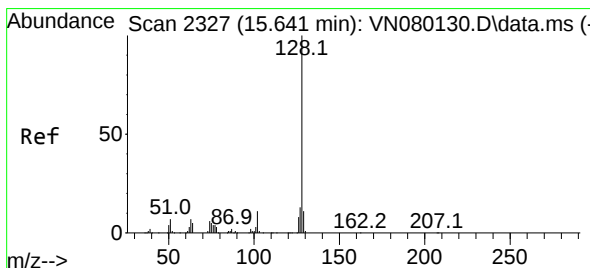
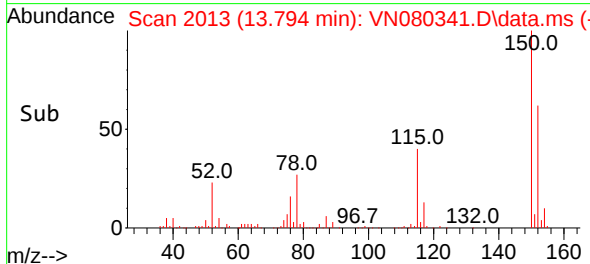
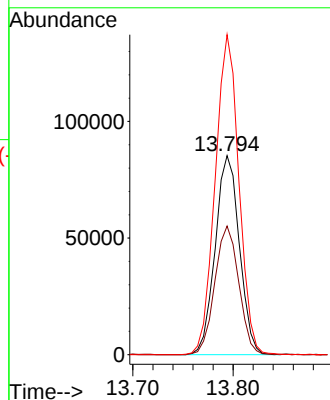
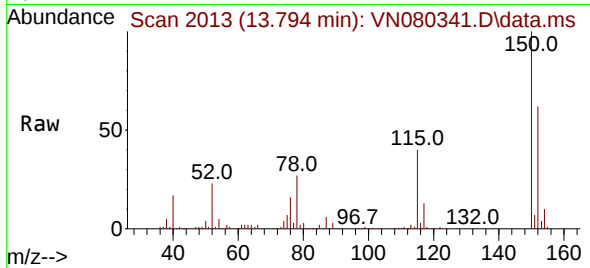




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080341.D
 Acq: 04 Dec 2023 16:21

Instrument :
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Tgt Ion:152 Resp: 142596
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.3 96.8
 150 157.7 0.0 355.8



#95
 Naphthalene
 Concen: 23.405 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. 0.006 min
 Lab File: VN080341.D
 Acq: 04 Dec 2023 16:21

Tgt Ion:128 Resp: 190129
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.0 15.0
 129 10.6 8.7 13.1

