

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078211.D
 Acq On : 14 Jun 2023 17:21
 Operator : JC\MD
 Sample : 03167-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-GA

Quant Time: Jun 15 02:46:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

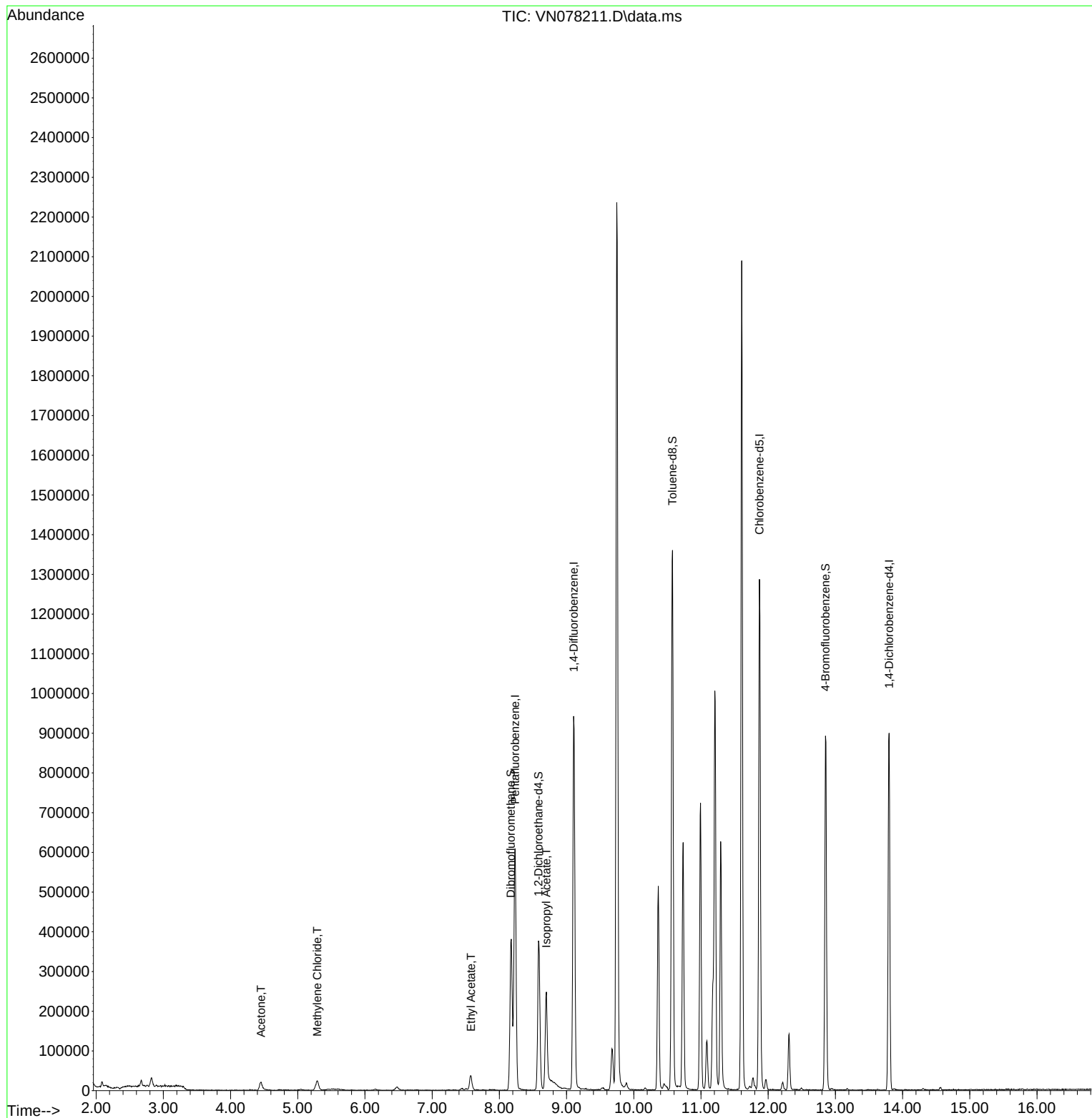
Internal Standards						
1) Pentafluorobenzene	8.235	168	444278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	834796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	777968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	250220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	313271	52.885	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.780%		
35) Dibromofluoromethane	8.171	113	278911	52.841	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.680%		
50) Toluene-d8	10.577	98	1004597	49.370	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.740%		
62) 4-Bromofluorobenzene	12.853	95	318592	50.364	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.720%		
Target Compounds						
16) Acetone	4.453	43	37132	21.778	ug/l	Qvalue 91
20) Methylene Chloride	5.289	84	18029	3.200	ug/l #	92
37) Ethyl Acetate	7.577	43	56806	9.604	ug/l	97
43) Isopropyl Acetate	8.700	43	326898	28.900	ug/l #	76

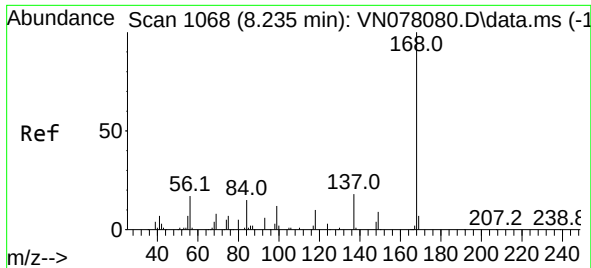
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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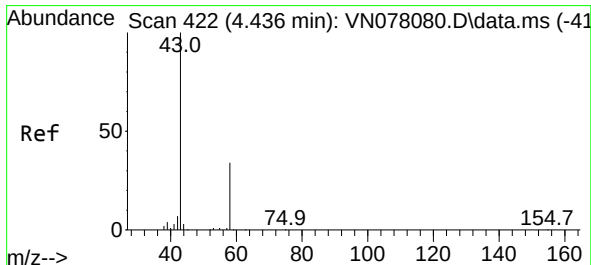
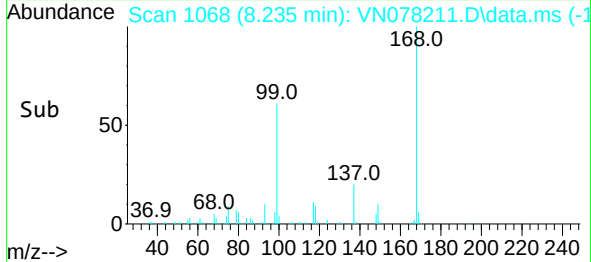
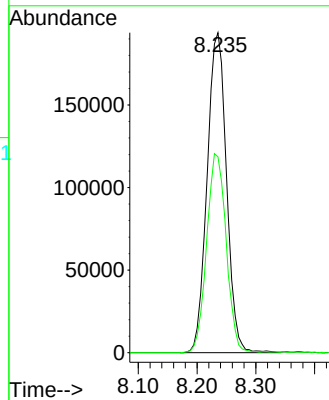
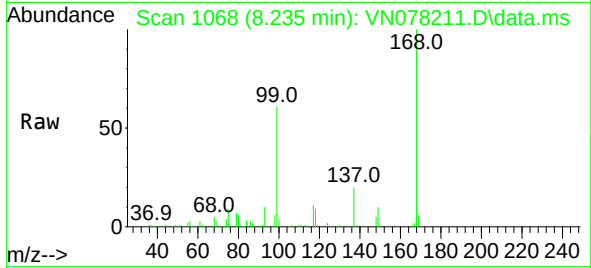




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

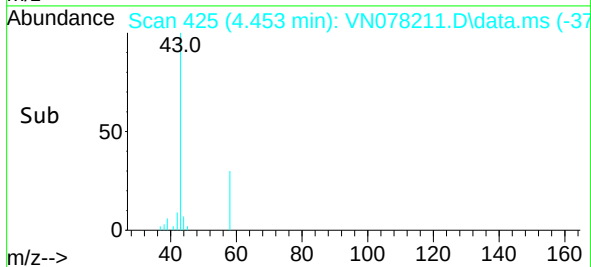
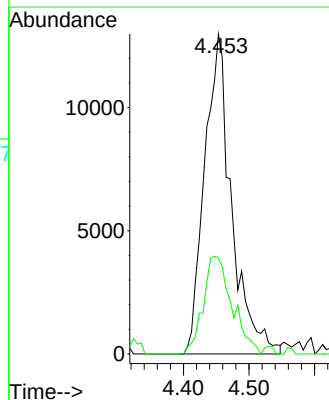
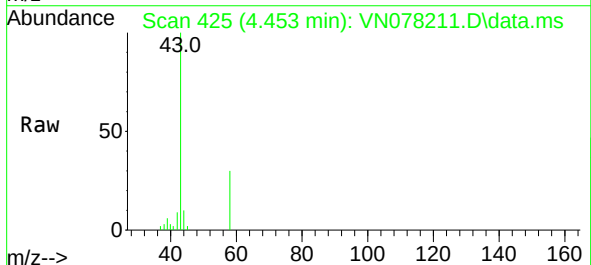
Instrument :
MSVOA_N
ClientSampleId :
TP-4-GA

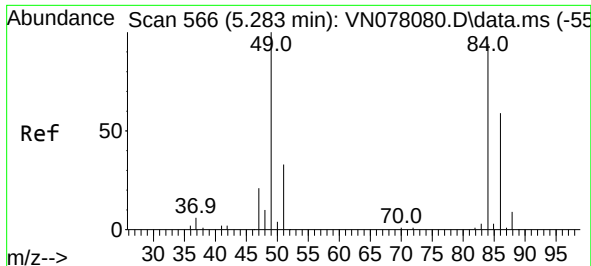
Tgt Ion:168 Resp: 444278
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 21.778 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

Tgt Ion: 43 Resp: 37132
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0

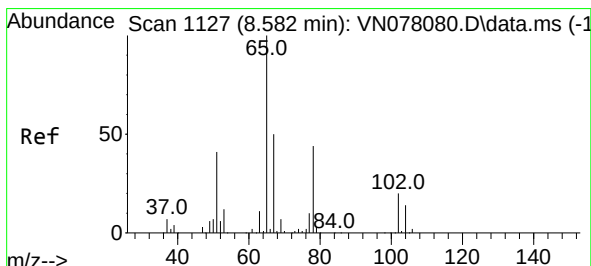
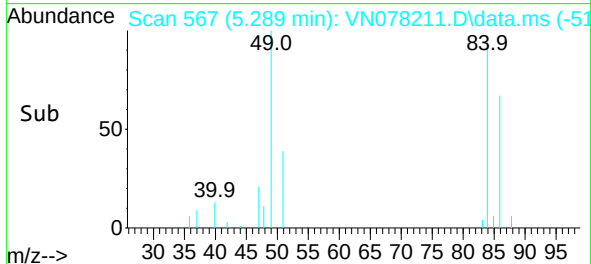
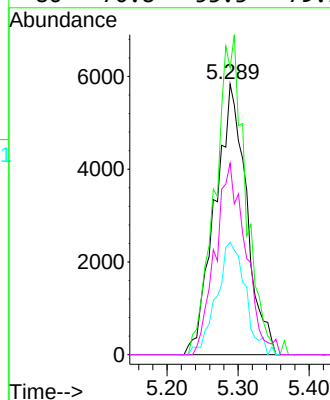
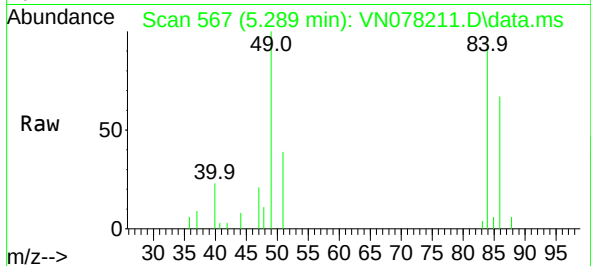




#20
Methylene Chloride
Concen: 3.200 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

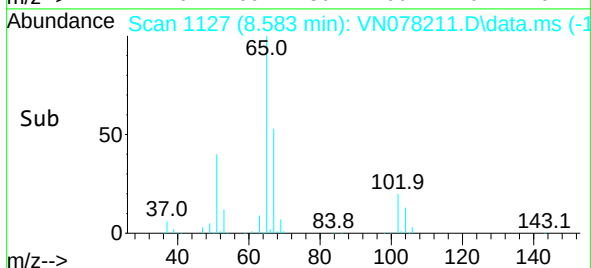
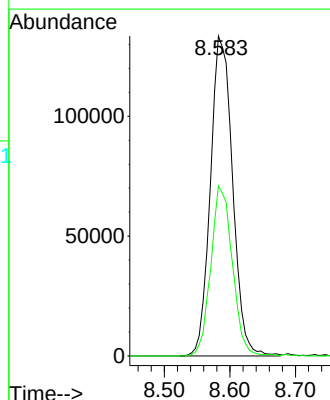
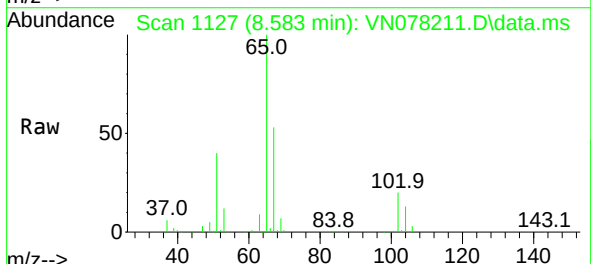
Instrument :
MSVOA_N
ClientSampleId :
TP-4-GA

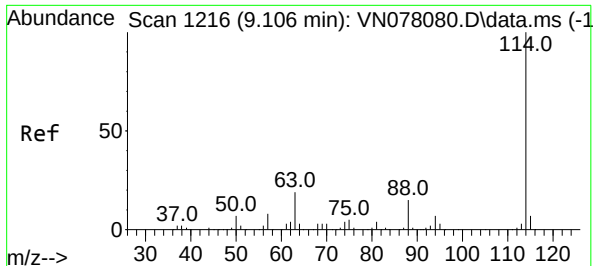
Tgt Ion: 84	Resp: 18029
Ion Ratio	Lower Upper
84 100	
49 106.0	79.7 119.5
51 41.5	25.2 37.8#
86 70.8	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 52.885 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

Tgt Ion: 65	Resp: 313271
Ion Ratio	Lower Upper
65 100	
67 51.6	0.0 106.6

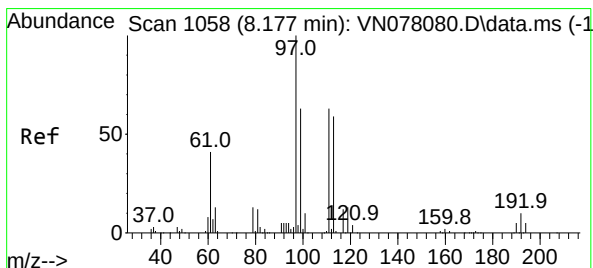
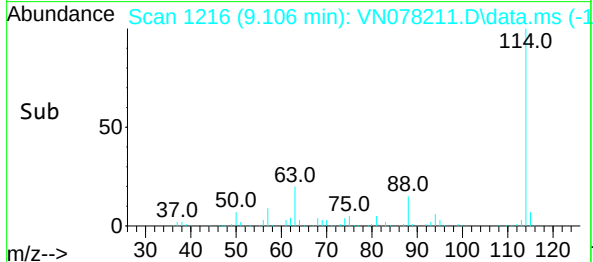
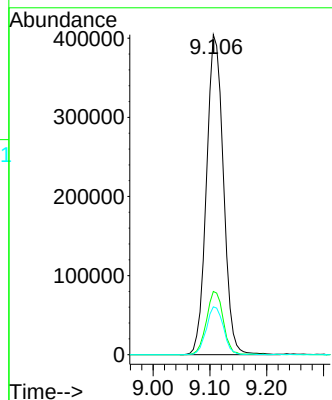
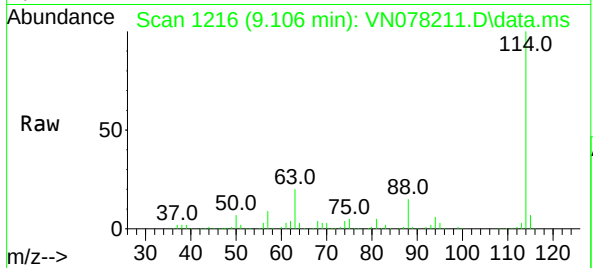




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

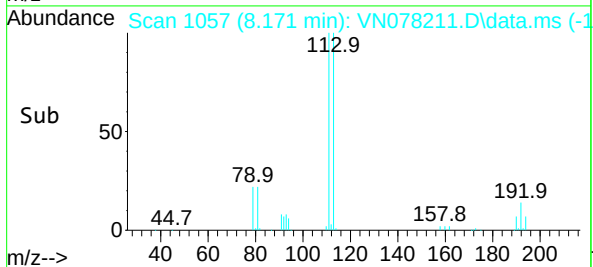
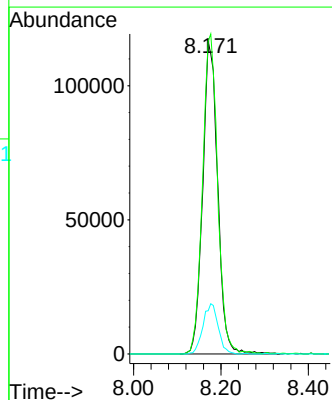
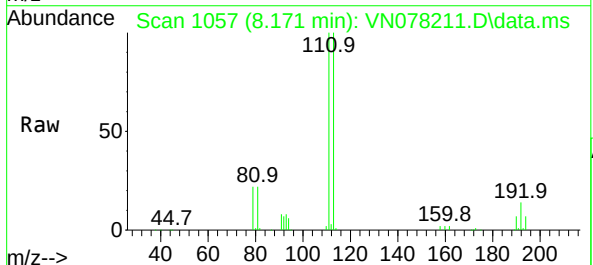
Instrument :
MSVOA_N
ClientSampleId :
TP-4-GA

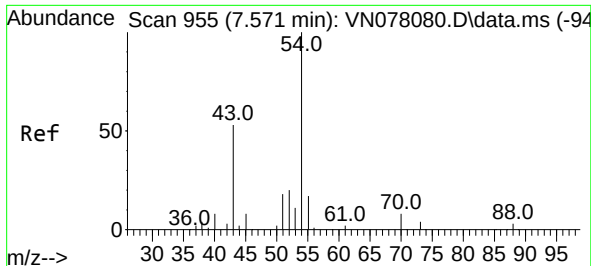
Tgt Ion:114 Resp: 834796
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.841 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

Tgt Ion:113 Resp: 278911
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 16.2 12.7 19.1





#37

Ethyl Acetate

Concen: 9.604 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078211.D

Acq: 14 Jun 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

TP-4-GA

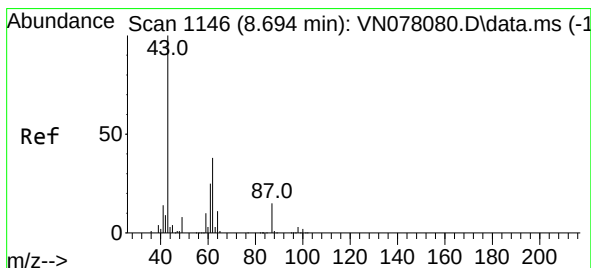
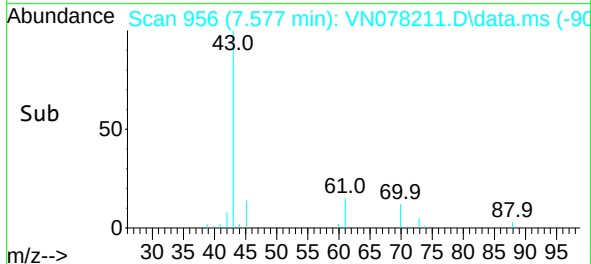
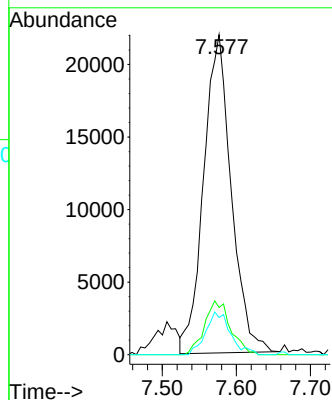
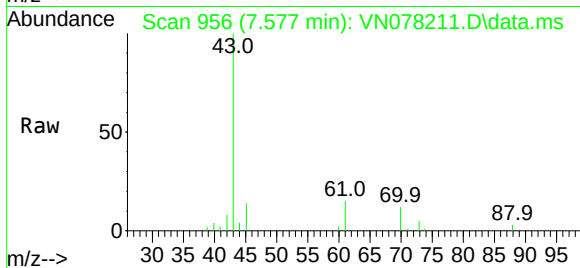
Tgt Ion: 43 Resp: 56806

Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

70 12.0 11.3 16.9



#43

Isopropyl Acetate

Concen: 28.900 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078211.D

Acq: 14 Jun 2023 17:21

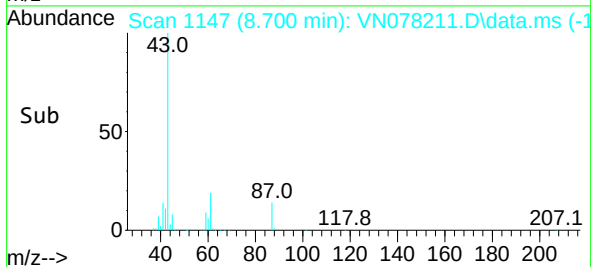
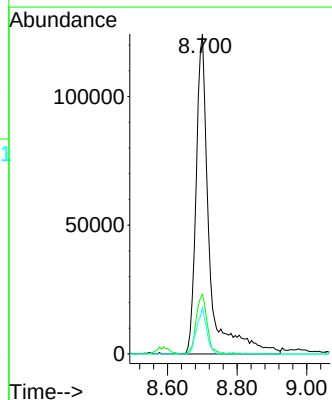
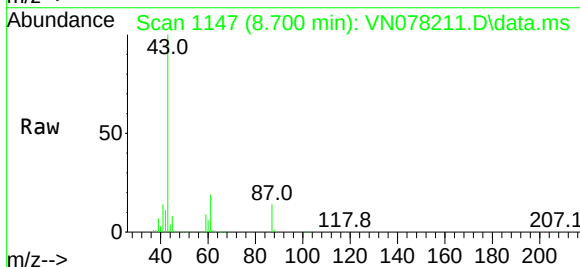
Tgt Ion: 43 Resp: 326898

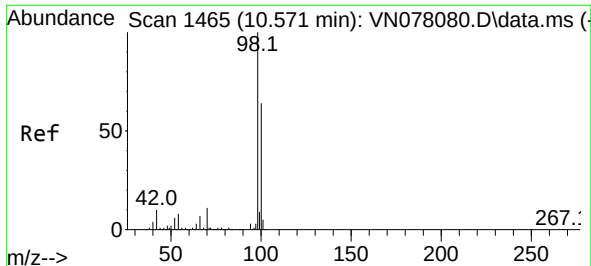
Ion Ratio Lower Upper

43 100

61 15.5 24.7 37.1#

87 10.9 14.6 21.8#

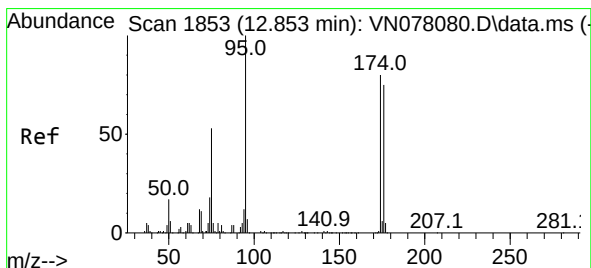
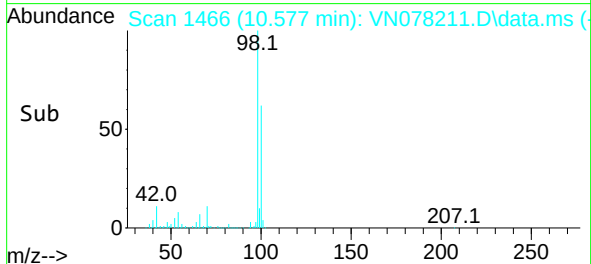
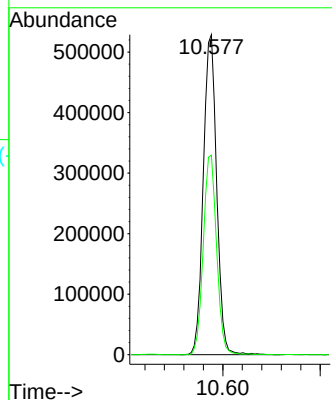
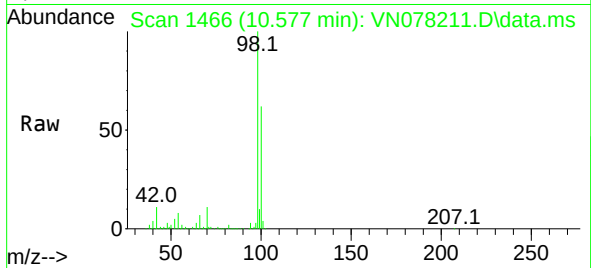




#50
Toluene-d8
Concen: 49.370 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

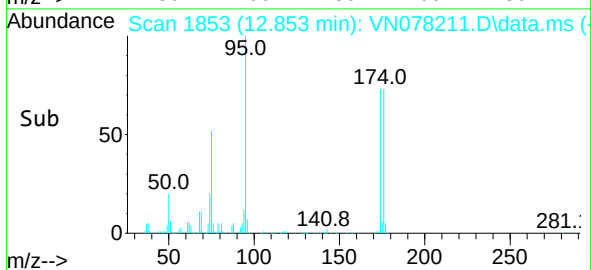
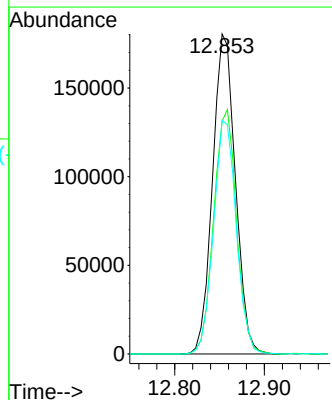
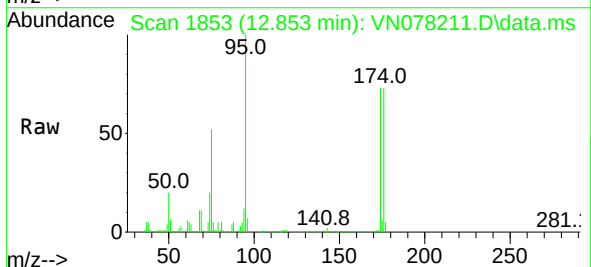
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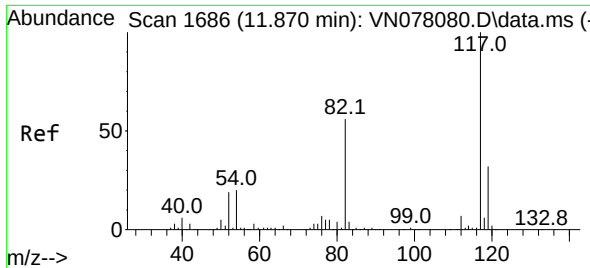
Tgt Ion: 98 Resp: 1004597
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.364 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

Tgt Ion: 95 Resp: 318592
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 73.0 0.0 135.8

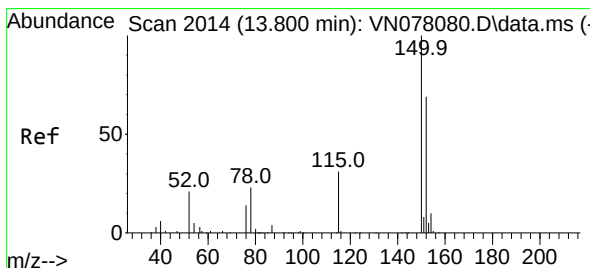
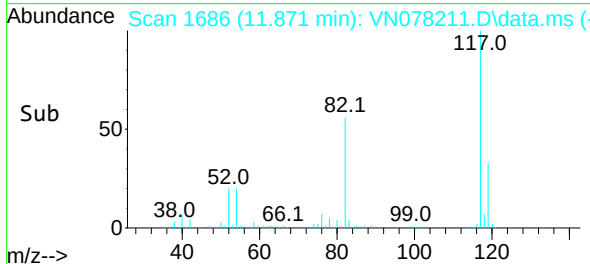
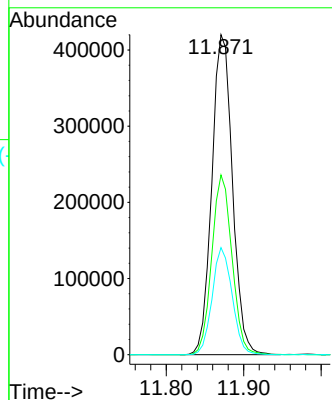
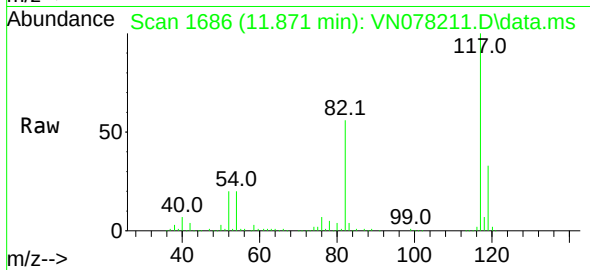




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
TP-4-GA

Tgt Ion:117 Resp: 777968
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 33.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078211.D
Acq: 14 Jun 2023 17:21

Tgt Ion:152 Resp: 250220
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.7 0.0 355.8

