

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078394.D
 Acq On : 24 Jun 2023 15:01
 Operator : JC\MD
 Sample : 03393-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SF-10

Quant Time: Jun 26 01:50:26 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)

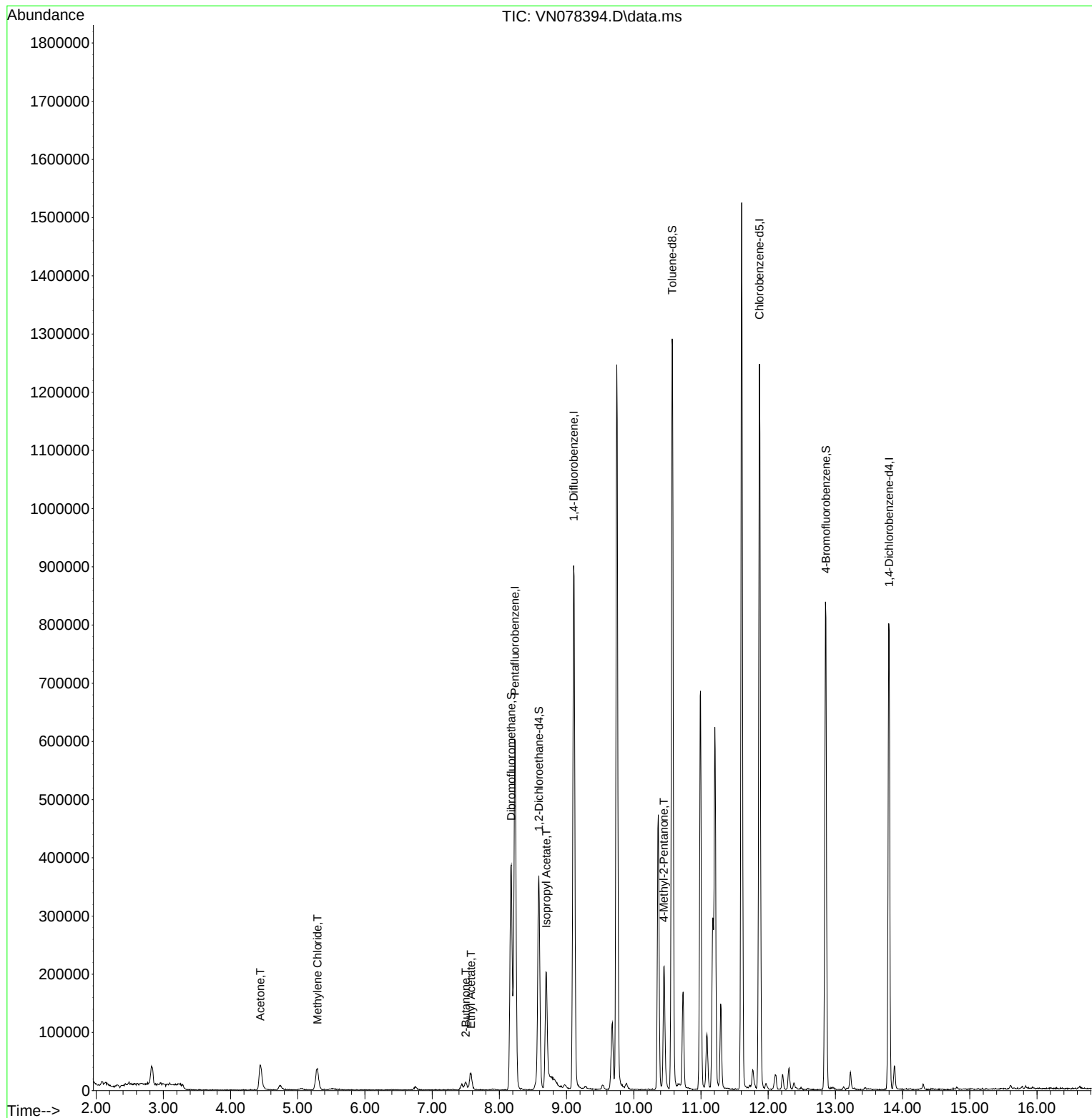
Internal Standards						
1) Pentafluorobenzene	8.230	168	437044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	810745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	733366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	298513	51.228	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.460%		
35) Dibromofluoromethane	8.177	113	284675	55.533	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 111.060%		
50) Toluene-d8	10.571	98	953495	48.249	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.500%		
62) 4-Bromofluorobenzene	12.859	95	297174	48.372	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.740%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	82680	49.295	ug/l	98
20) Methylene Chloride	5.294	84	31005	5.594	ug/l	96
25) 2-Butanone	7.500	43	19482	7.553	ug/l #	87
37) Ethyl Acetate	7.577	43	44400	7.730	ug/l	96
43) Isopropyl Acetate	8.700	43	236533	21.532	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	146308	25.292	ug/l	90

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

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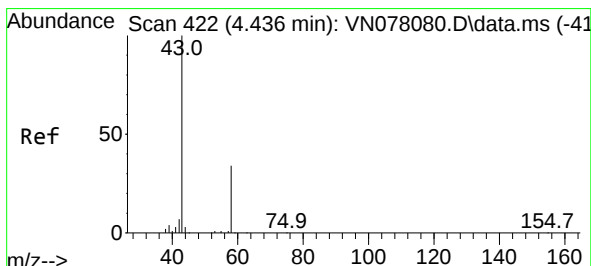
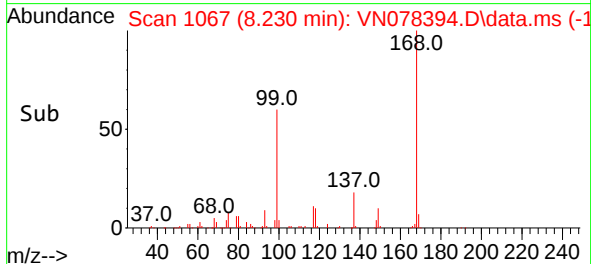
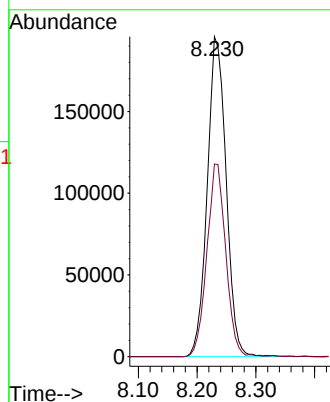
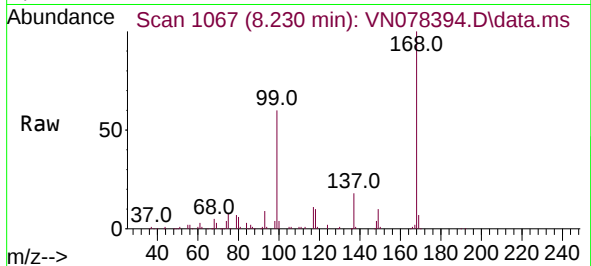




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

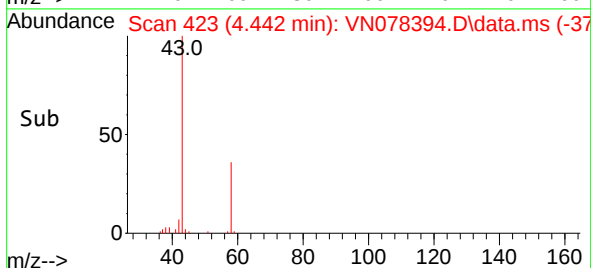
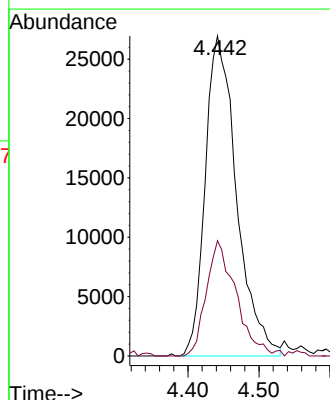
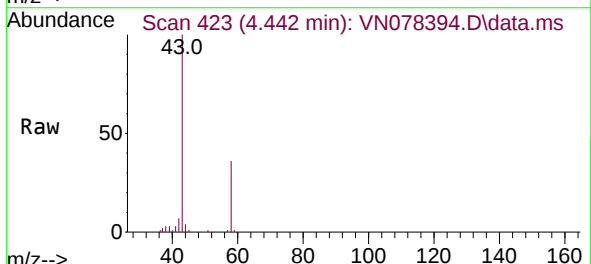
Instrument :
MSVOA_N
ClientSampleId :
SF-10

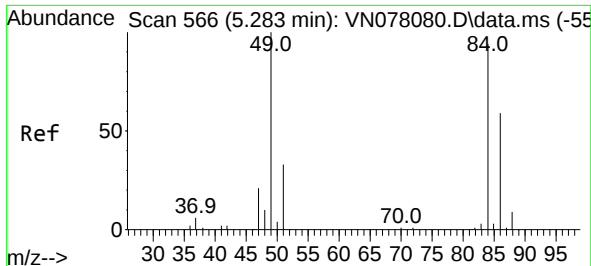
Tgt Ion:168 Resp: 437044
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 49.295 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

Tgt Ion: 43 Resp: 82680
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0

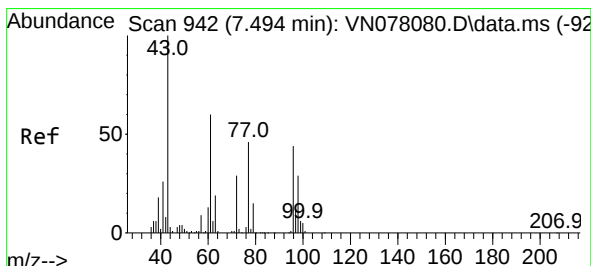
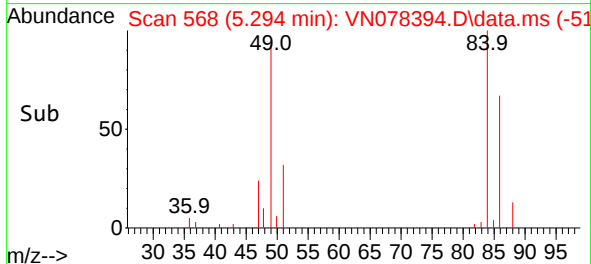
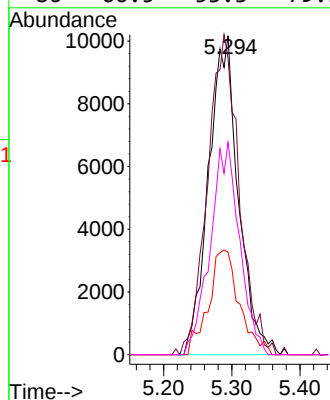
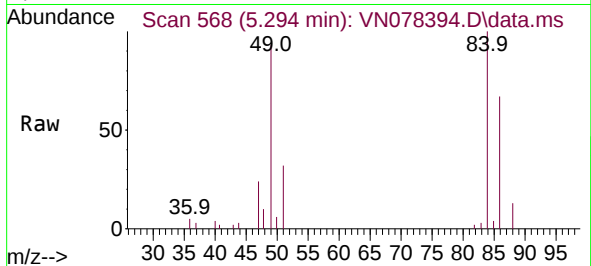




#20
Methylene Chloride
Concen: 5.594 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

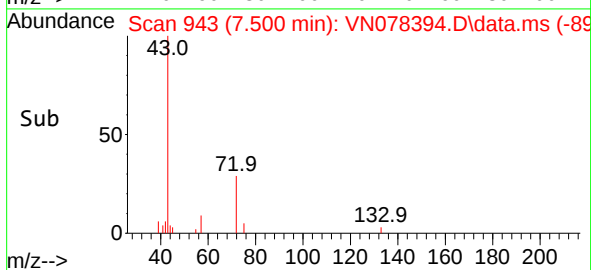
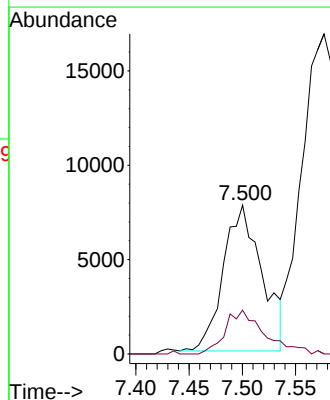
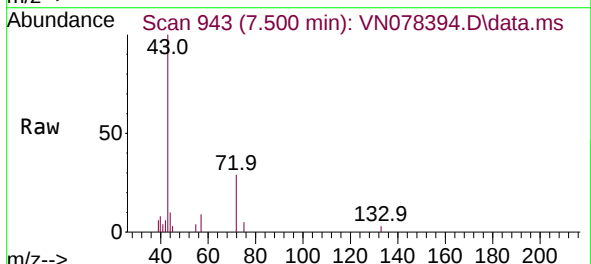
Instrument :
MSVOA_N
ClientSampleId :
SF-10

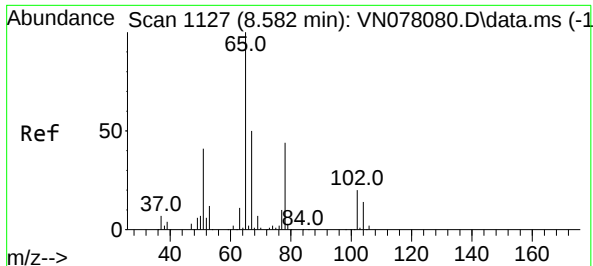
Tgt Ion: 84	Resp: 31005
Ion Ratio	Lower Upper
84 100	
49 93.0	79.7 119.5
51 32.1	25.2 37.8
86 66.5	53.3 79.9



#25
2-Butanone
Concen: 7.553 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

Tgt Ion: 43	Resp: 19482		
Ion Ratio	Lower	Upper	
43 100			
72 30.1	30.2	45.2#	





#33

1,2-Dichloroethane-d4

Concen: 51.228 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078394.D

Acq: 24 Jun 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

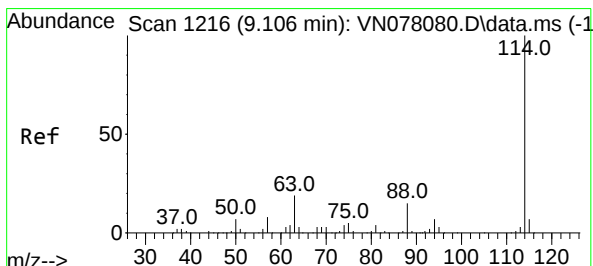
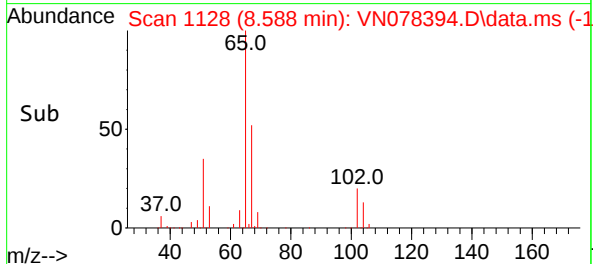
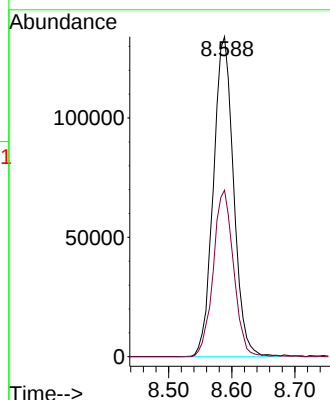
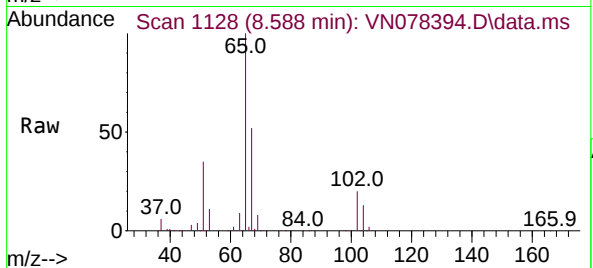
SF-10

Tgt Ion: 65 Resp: 298513

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078394.D

Acq: 24 Jun 2023 15:01

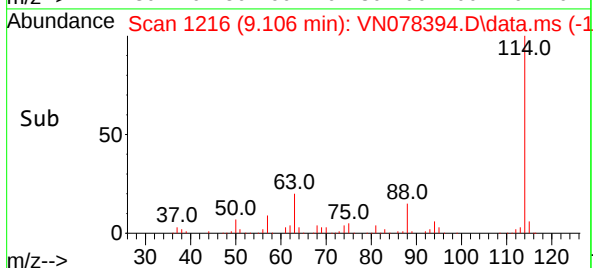
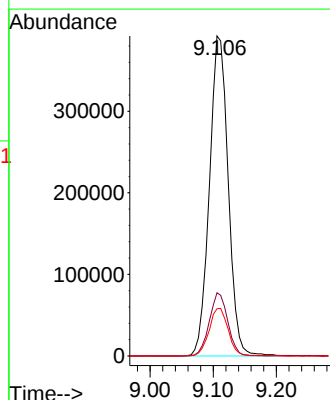
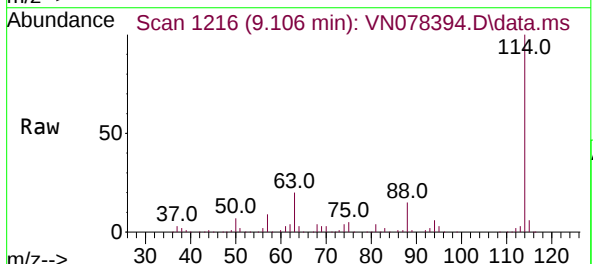
Tgt Ion: 114 Resp: 810745

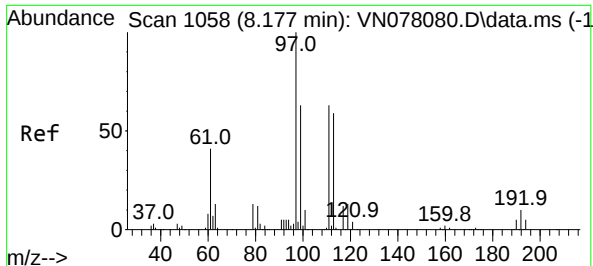
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.8 0.0 30.6

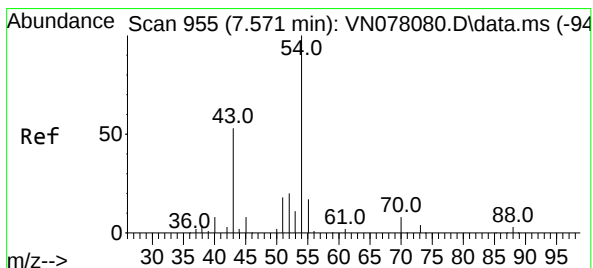
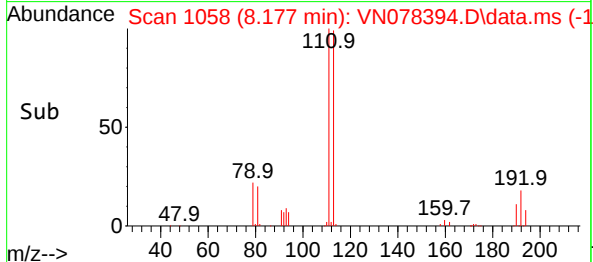
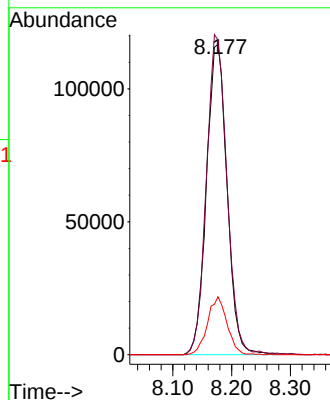
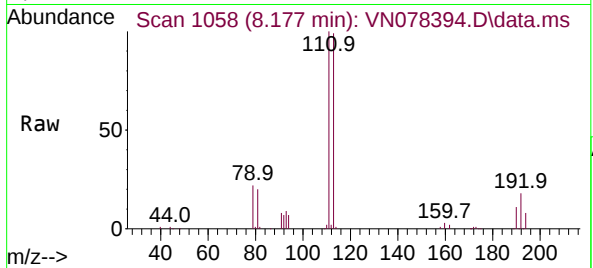




#35
Dibromofluoromethane
Concen: 55.533 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

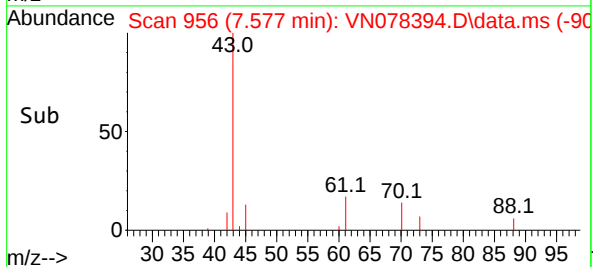
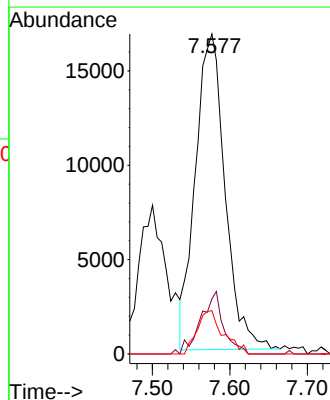
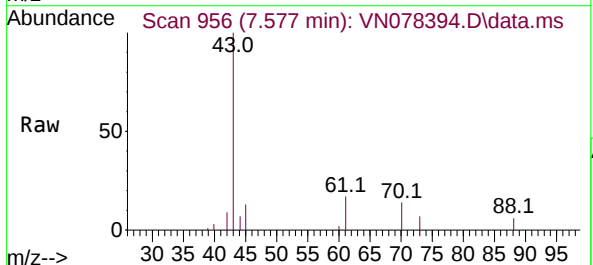
Instrument :
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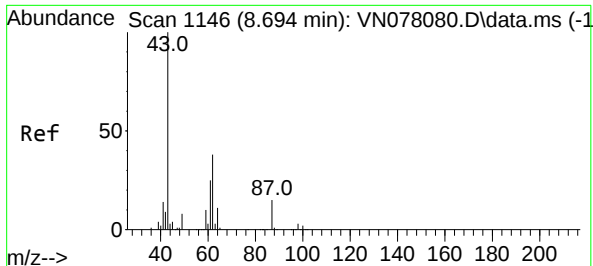
Tgt Ion:113 Resp: 284675
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 17.7 12.7 19.1



#37
Ethyl Acetate
Concen: 7.730 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

Tgt Ion: 43 Resp: 44400
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 12.1 11.3 16.9

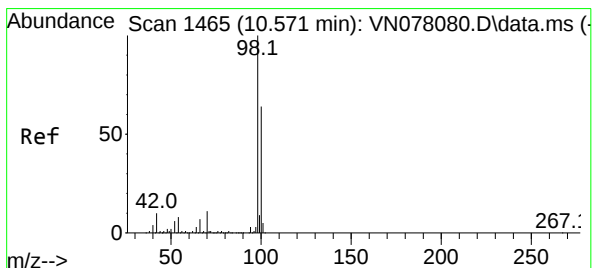
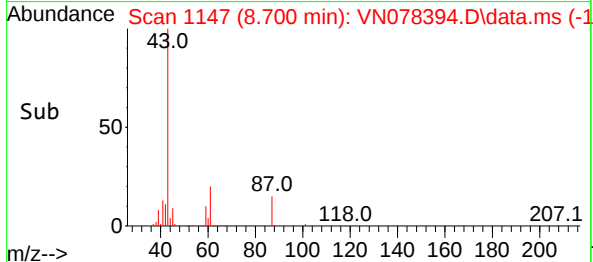
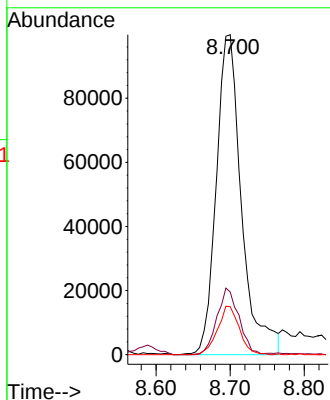
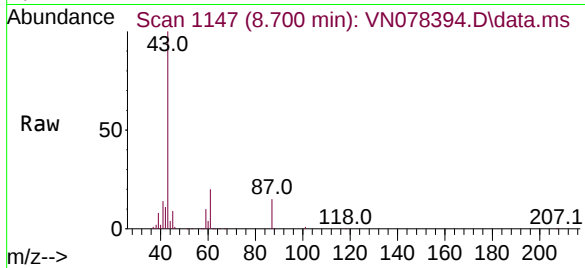




#43
Isopropyl Acetate
Concen: 21.532 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

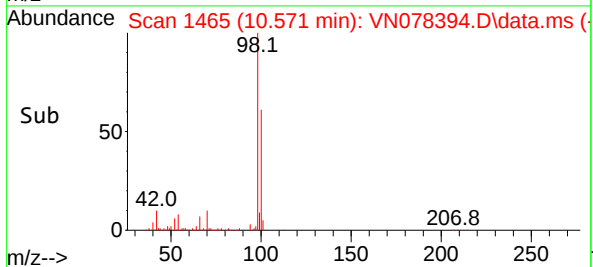
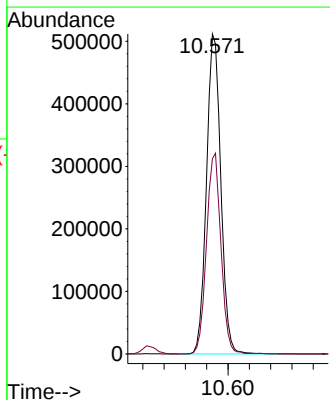
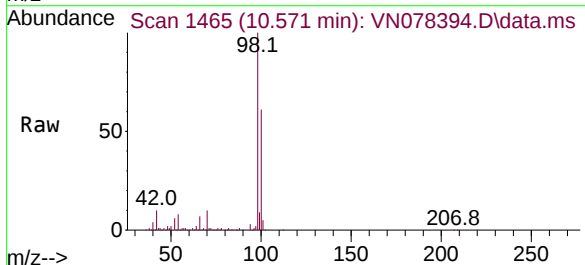
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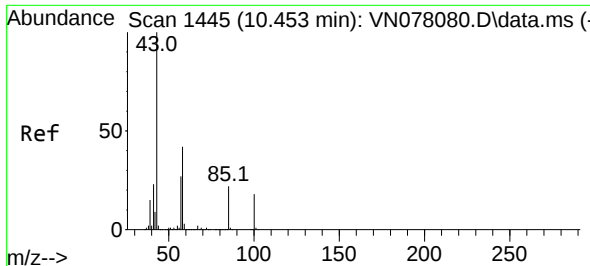
Tgt Ion: 43 Resp: 236533
Ion Ratio Lower Upper
43 100
61 18.1 24.7 37.1#
87 13.0 14.6 21.8#



#50
Toluene-d8
Concen: 48.249 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

Tgt Ion: 98 Resp: 953495
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

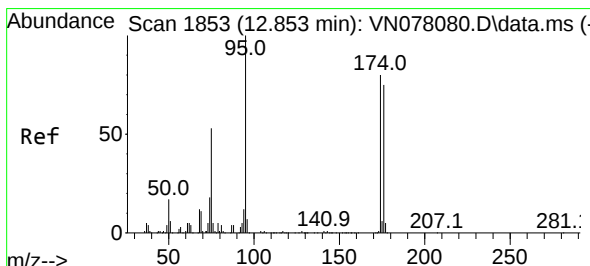
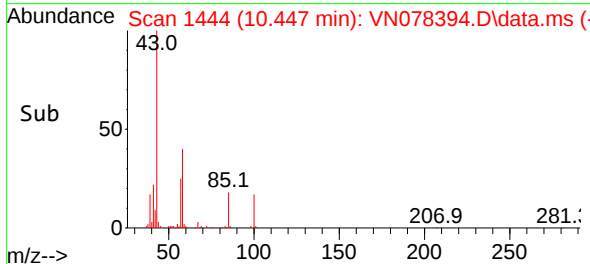
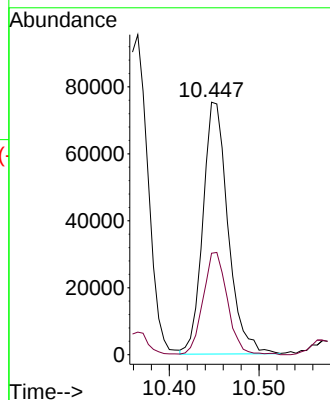
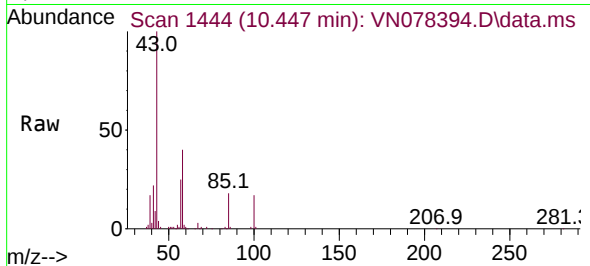




#51
4-Methyl-2-Pentanone
Concen: 25.292 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

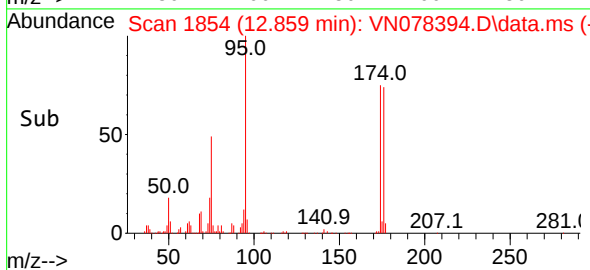
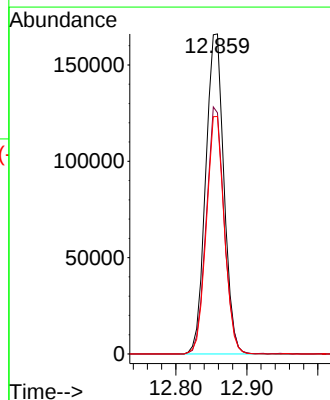
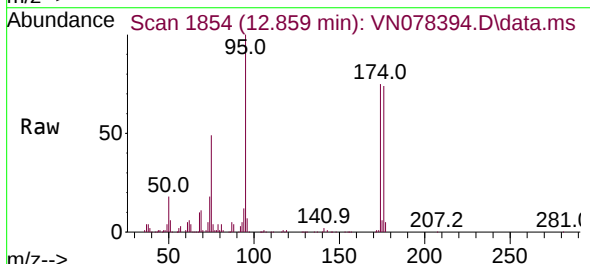
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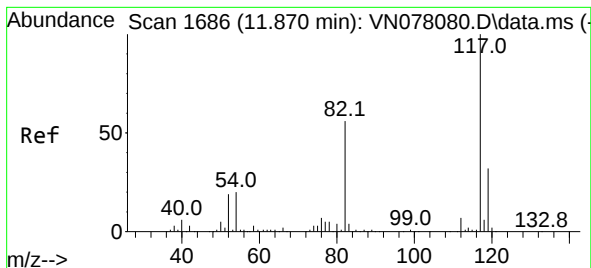
Tgt Ion: 43 Resp: 146308
Ion Ratio Lower Upper
43 100
58 39.3 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 48.372 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

Tgt Ion: 95 Resp: 297174
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 72.9 0.0 135.8

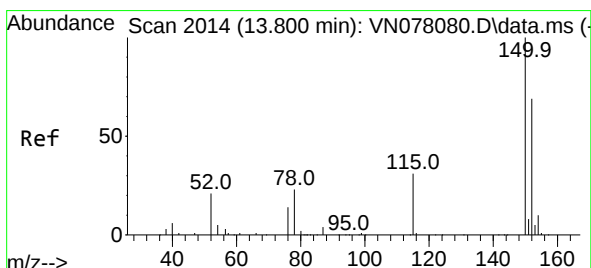
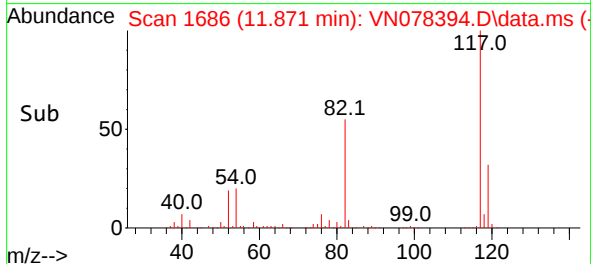
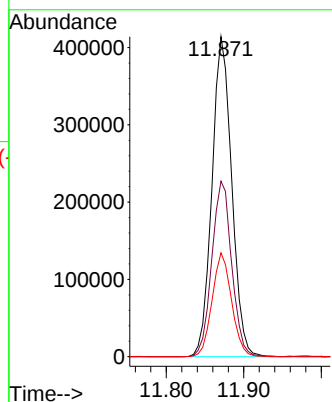
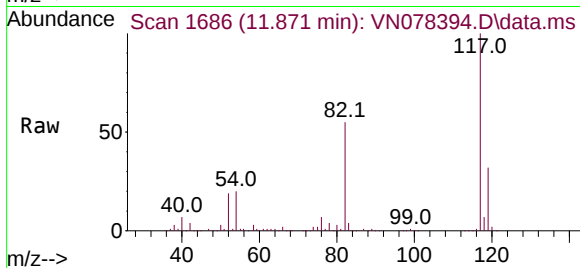




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078394.D
Acq: 24 Jun 2023 15:01

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 733366
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 32.4 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: VN078394.D
Acq: 24 Jun 2023 15:01

Tgt Ion:152 Resp: 220548
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 160.1 0.0 355.8

