

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078197.D
 Acq On : 14 Jun 2023 11:44
 Operator : JC\MD
 Sample : 03225-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-061323

Quant Time: Jun 15 02:41:21 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)

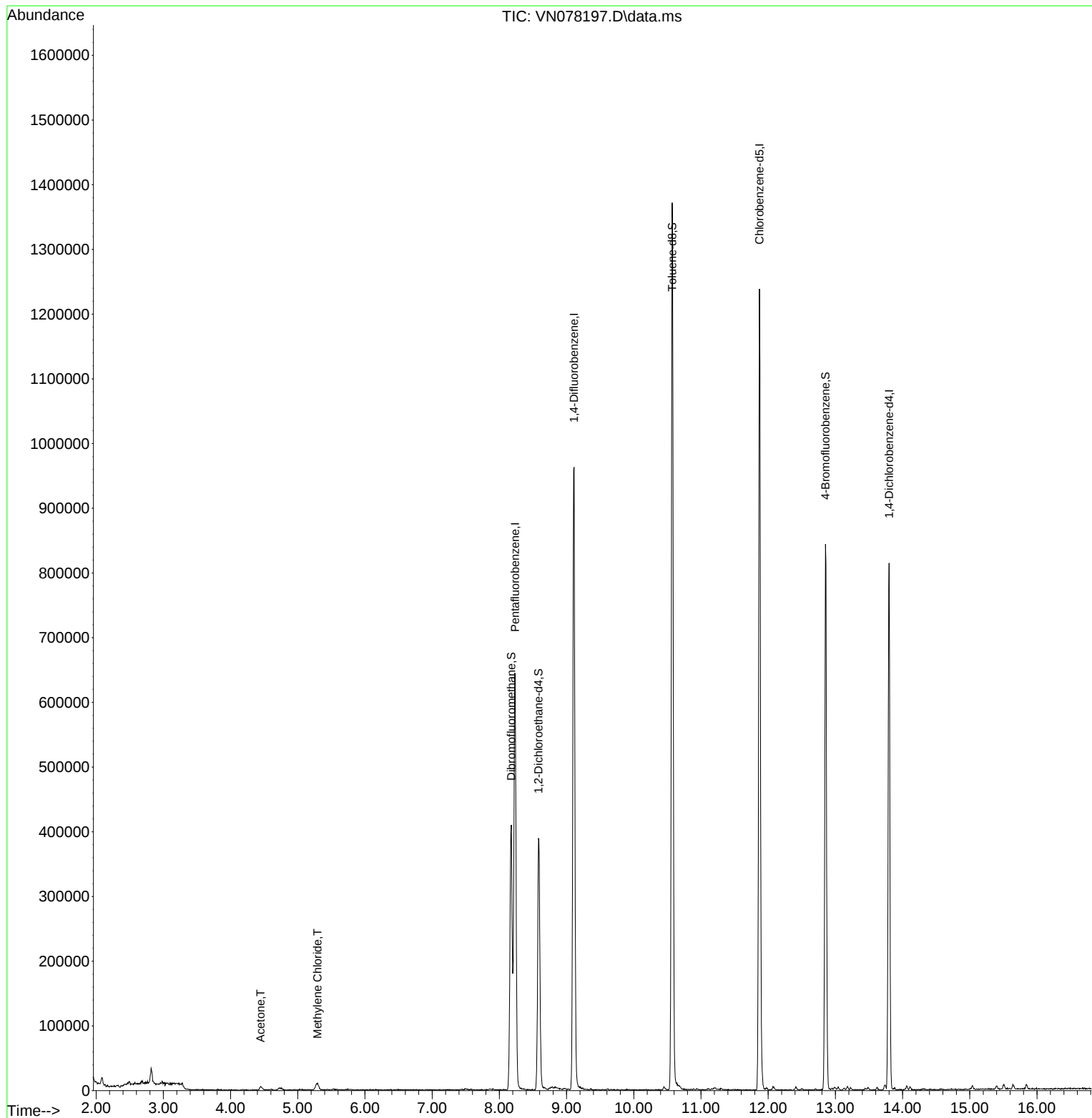
Internal Standards						
1) Pentafluorobenzene	8.235	168	471464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	867055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	741050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	324778	51.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.340%	
35) Dibromofluoromethane	8.177	113	293918	53.612	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.220%	
50) Toluene-d8	10.570	98	1008839	47.734	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	12.853	95	308388	46.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	9467	5.232	ug/l	88
20) Methylene Chloride	5.294	84	8269	1.383	ug/l #	88

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

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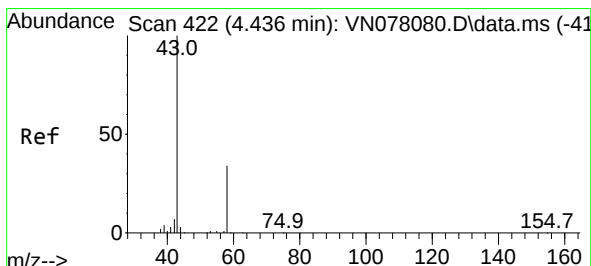
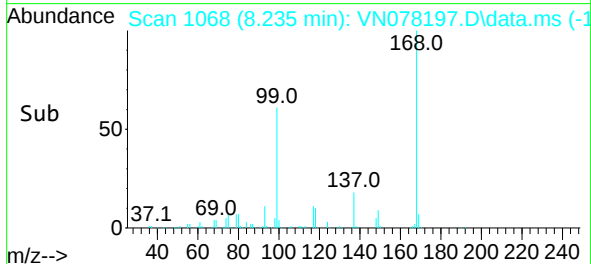
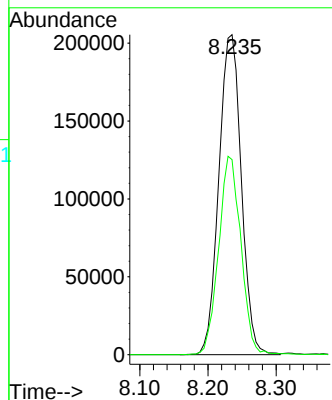
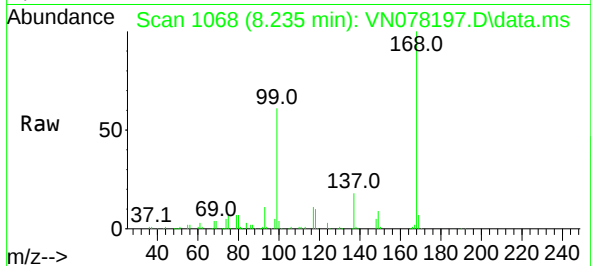




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078197.D
Acq: 14 Jun 2023 11:44

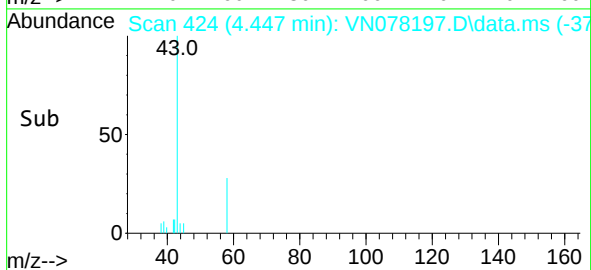
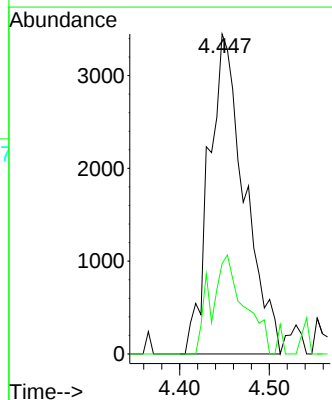
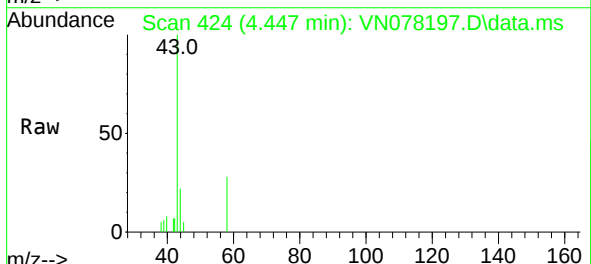
Instrument :
MSVOA_N
ClientSampleId :
TB-01-061323

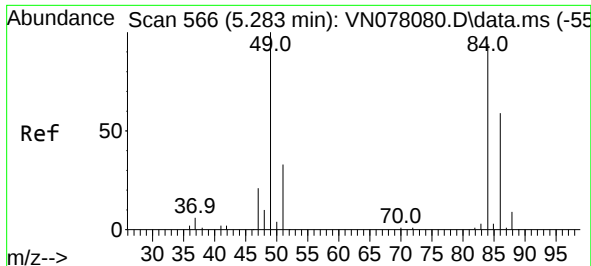
Tgt Ion:168 Resp: 471464
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 5.232 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078197.D
Acq: 14 Jun 2023 11:44

Tgt Ion: 43 Resp: 9467
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0

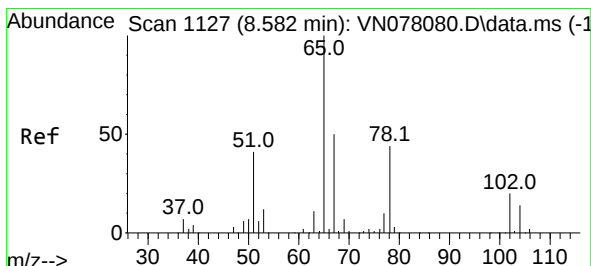
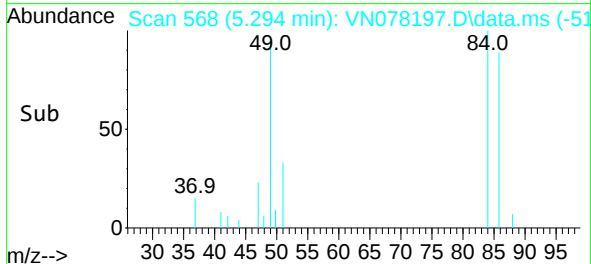
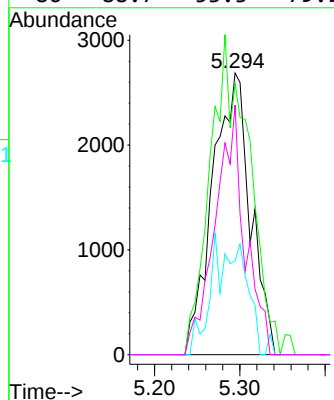
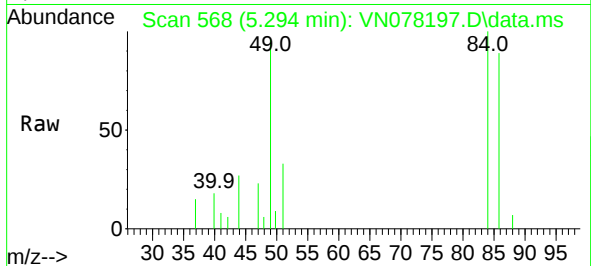




#20
Methylene Chloride
Concen: 1.383 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078197.D
Acq: 14 Jun 2023 11:44

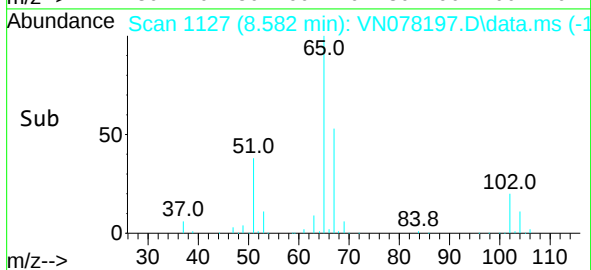
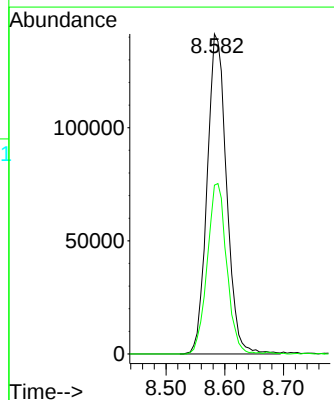
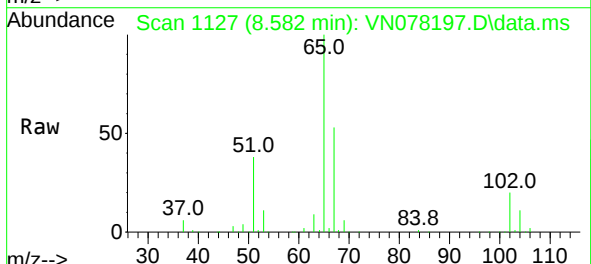
Instrument :
MSVOA_N
ClientSampleId :
TB-01-061323

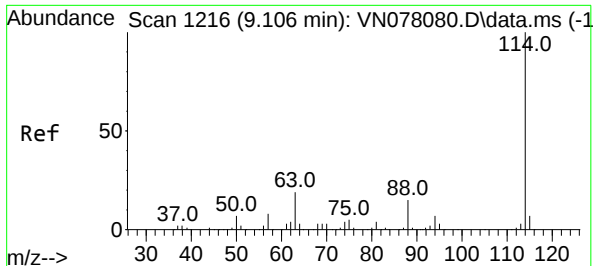
Tgt Ion: 84	Resp:	8269	
Ion	Ratio	Lower	Upper
84	100		
49	96.2	79.7	119.5
51	33.4	25.2	37.8
86	88.7	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 51.666 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078197.D
Acq: 14 Jun 2023 11:44

Tgt Ion: 65	Resp: 324778
Ion Ratio	Lower Upper
65 100	
67 53.3	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078197.D

Acq: 14 Jun 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

TB-01-061323

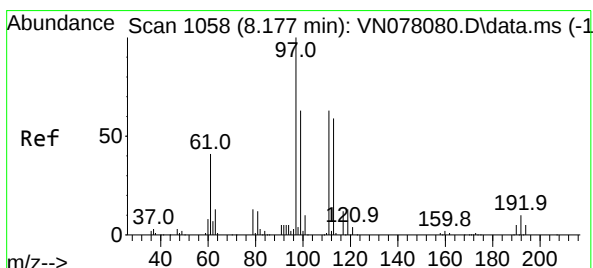
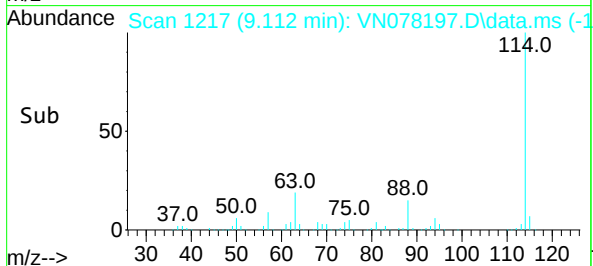
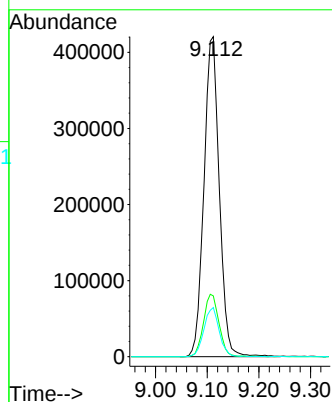
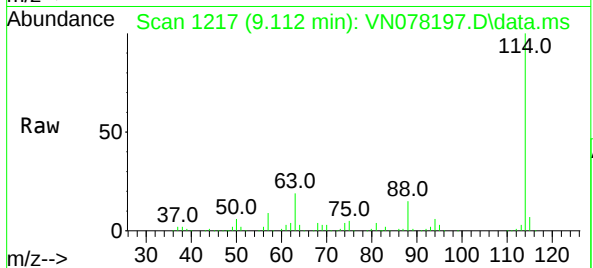
Tgt Ion:114 Resp: 867055

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.612 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078197.D

Acq: 14 Jun 2023 11:44

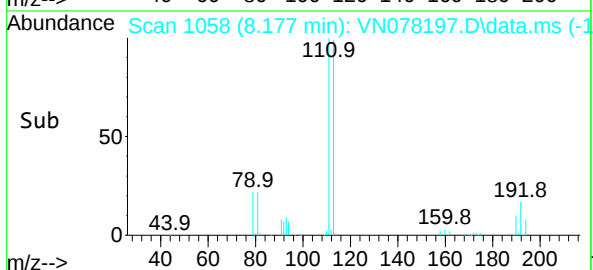
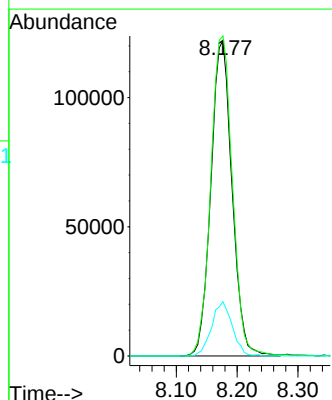
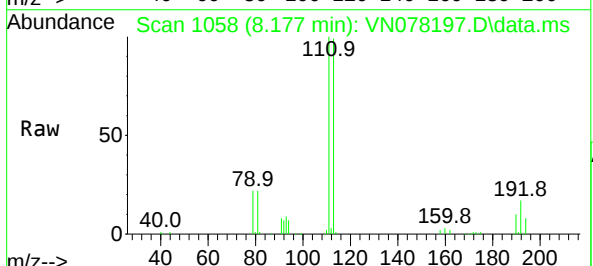
Tgt Ion:113 Resp: 293918

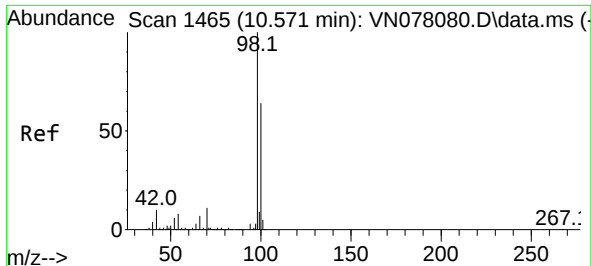
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 16.8 12.7 19.1

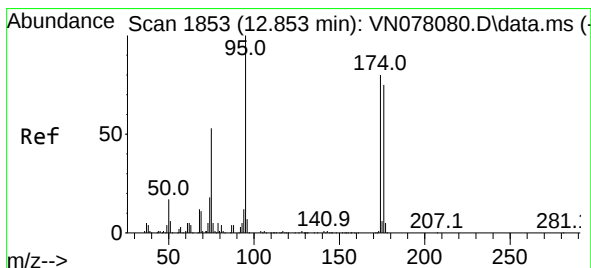
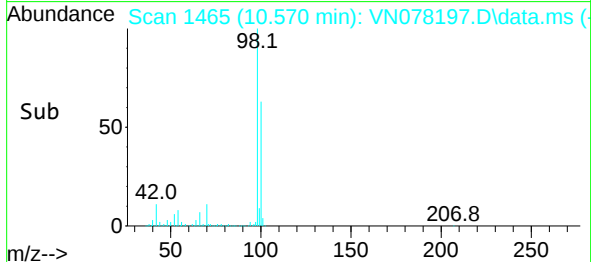
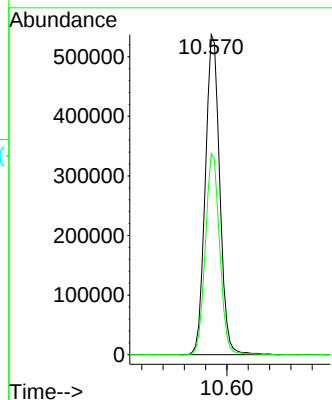
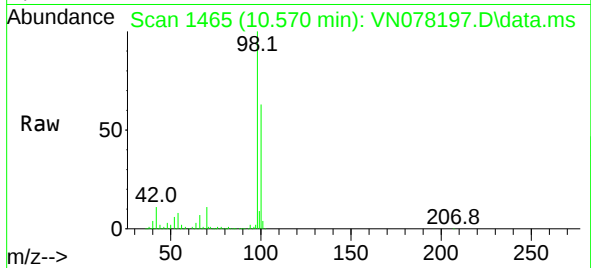




#50
Toluene-d8
Concen: 47.734 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078197.D
Acq: 14 Jun 2023 11:44

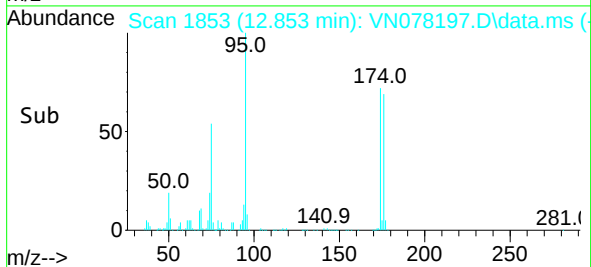
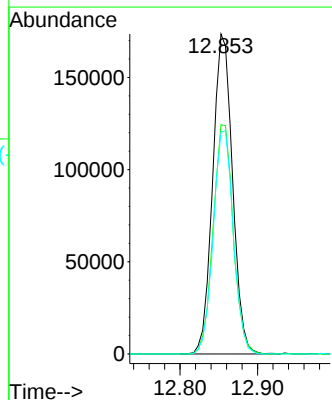
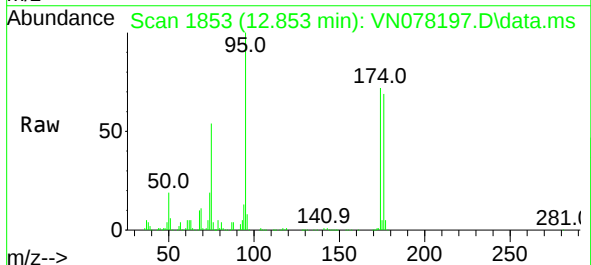
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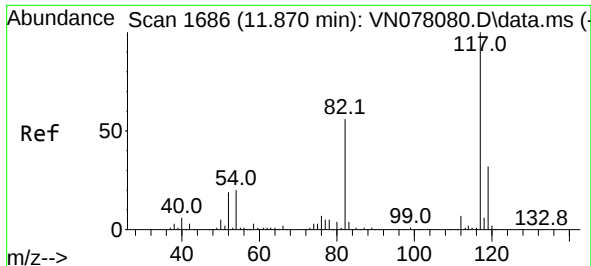
Tgt Ion: 98 Resp: 1008839
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.937 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078197.D
Acq: 14 Jun 2023 11:44

Tgt Ion: 95 Resp: 308388
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 70.7 0.0 135.8

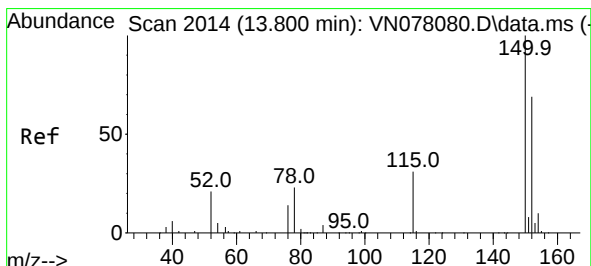
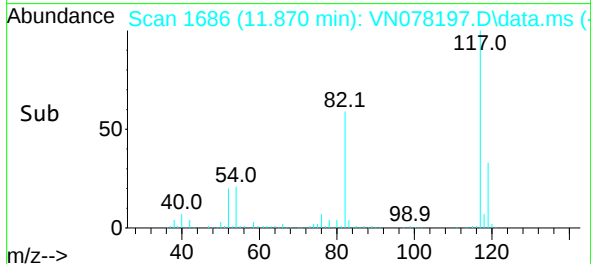
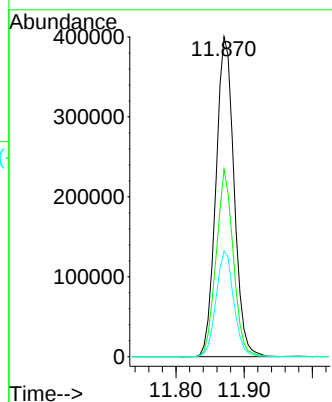
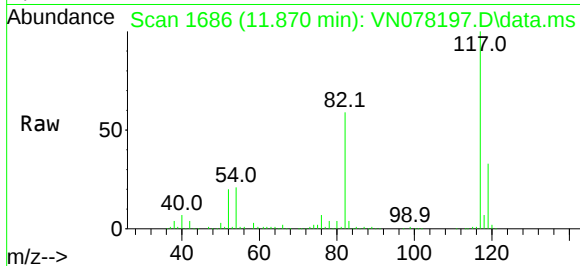




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078197.D
Acq: 14 Jun 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
TB-01-061323

Tgt Ion:117 Resp: 741050
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 33.0 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: VN078197.D
Acq: 14 Jun 2023 11:44

Tgt Ion:152 Resp: 218757
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 159.2 0.0 355.8

