

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078226.D
 Acq On : 15 Jun 2023 14:20
 Operator : JC\MD
 Sample : 03241-02 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40508

Quant Time: Jun 16 06:06:42 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)

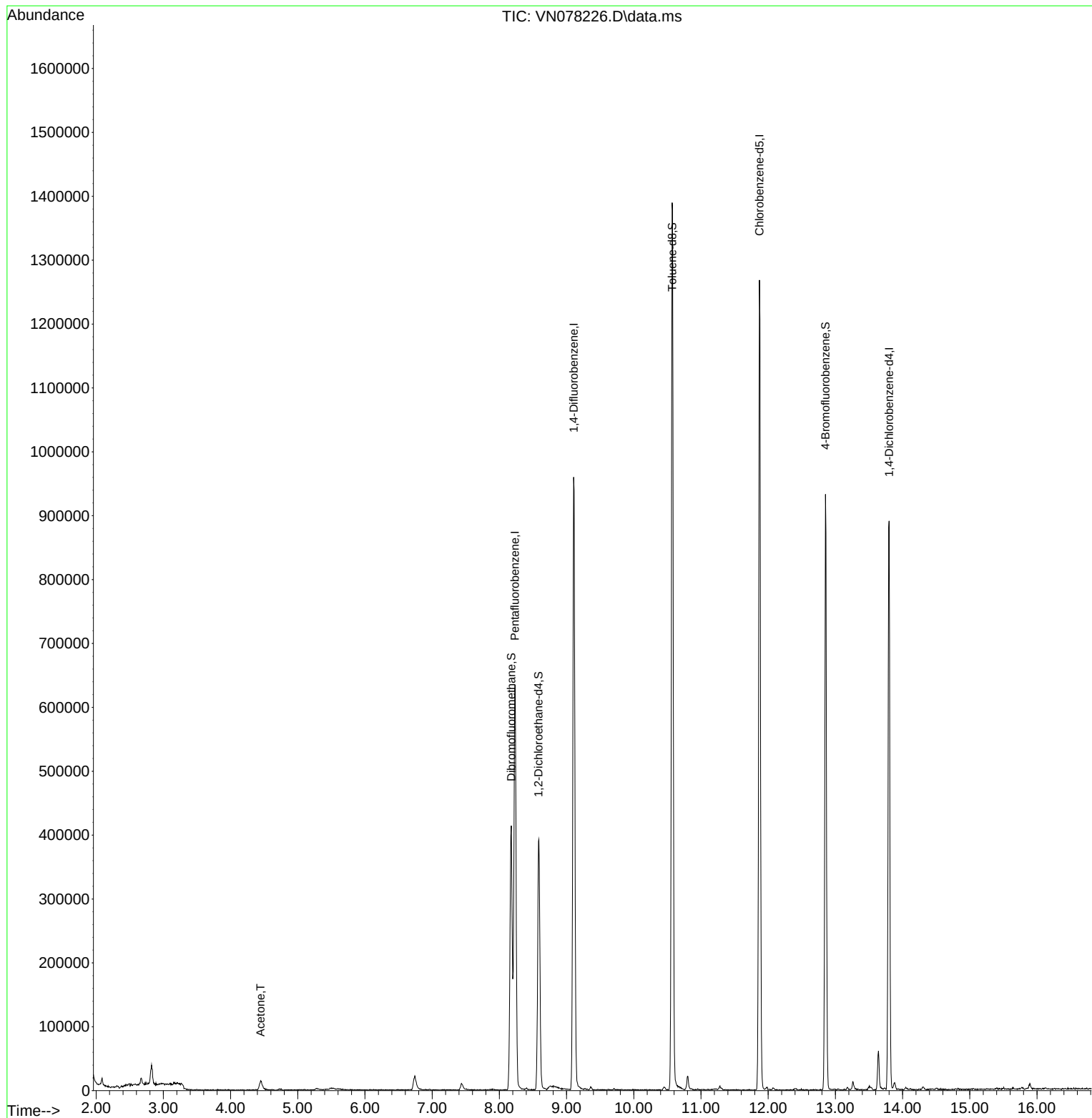
Internal Standards						
1) Pentafluorobenzene	8.230	168	458366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	864880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	754959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	248466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	329166	53.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.720%	
35) Dibromofluoromethane	8.177	113	296954	54.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.600%	
50) Toluene-d8	10.571	98	1005133	47.678	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	12.853	95	313864	47.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.780%	
Target Compounds						
16) Acetone	4.448	43	26650	15.150	ug/l	Qvalue 97

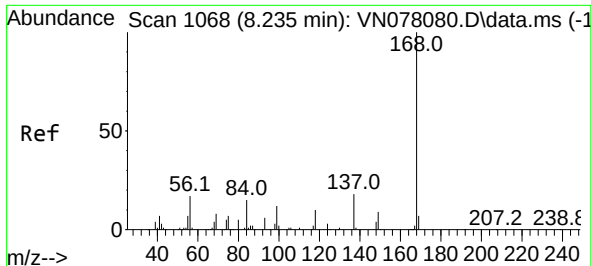
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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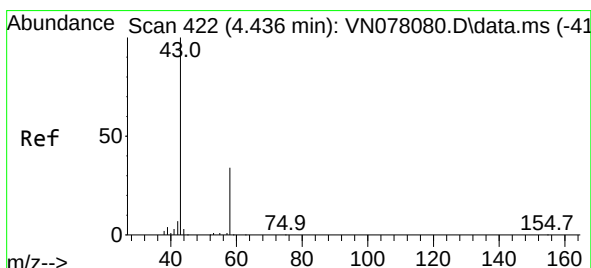
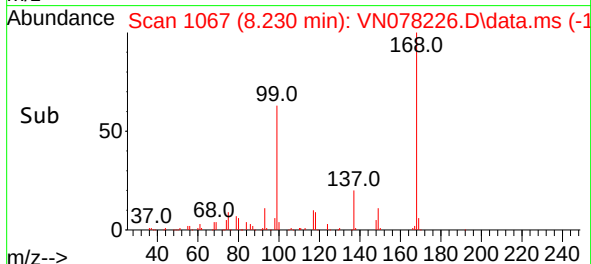
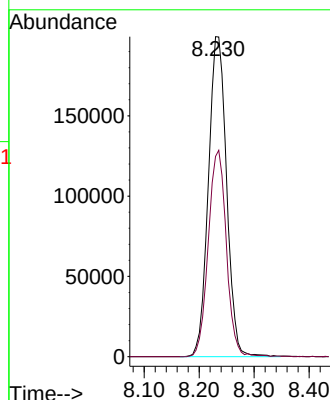
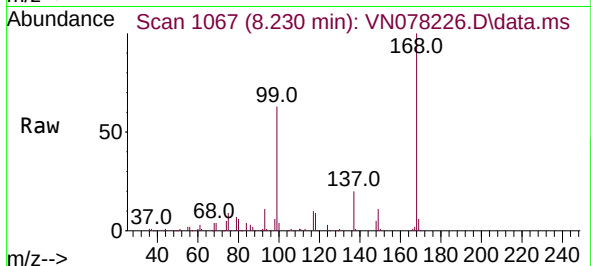




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078226.D
Acq: 15 Jun 2023 14:20

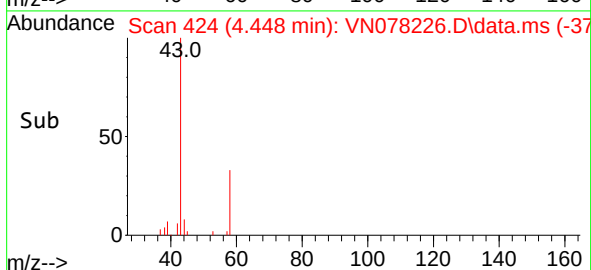
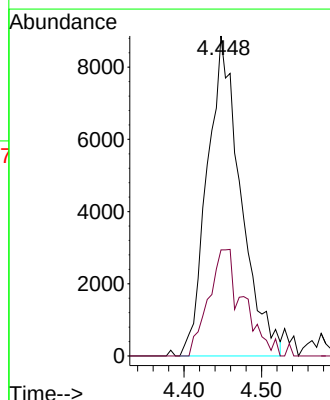
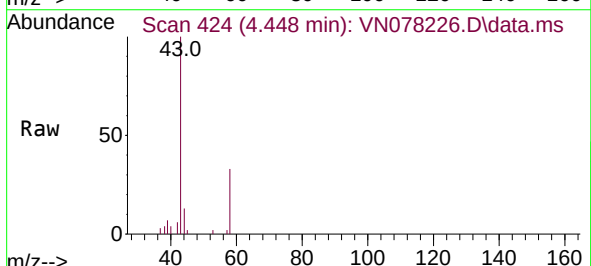
Instrument :
MSVOA_N
ClientSampleId :
40508

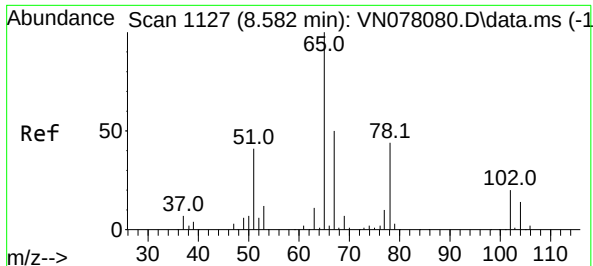
Tgt Ion:168 Resp: 458366
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#16
Acetone
Concen: 15.150 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078226.D
Acq: 15 Jun 2023 14:20

Tgt Ion: 43 Resp: 26650
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 53.861 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078226.D

Acq: 15 Jun 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

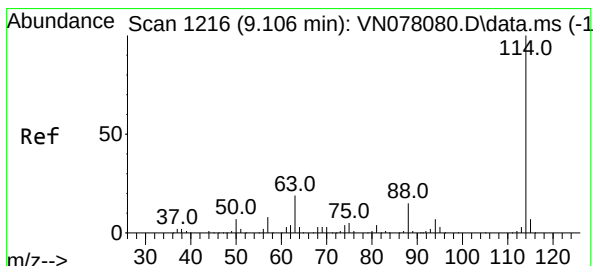
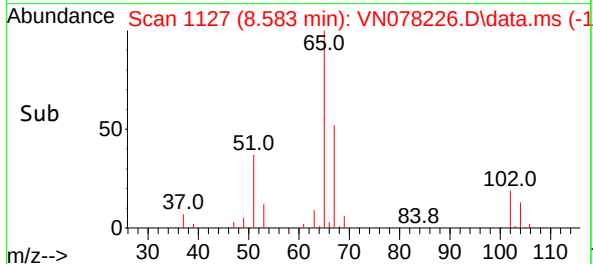
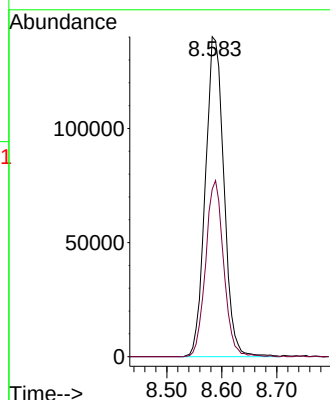
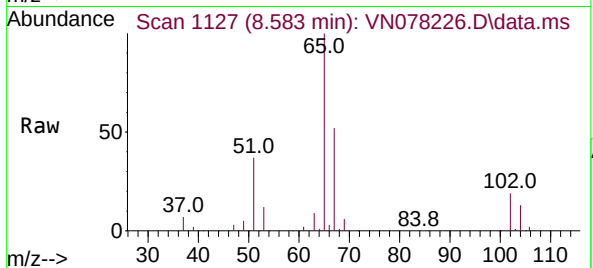
40508

Tgt Ion: 65 Resp: 329166

Ion Ratio Lower Upper

65 100

67 53.4 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: VN078226.D

Acq: 15 Jun 2023 14:20

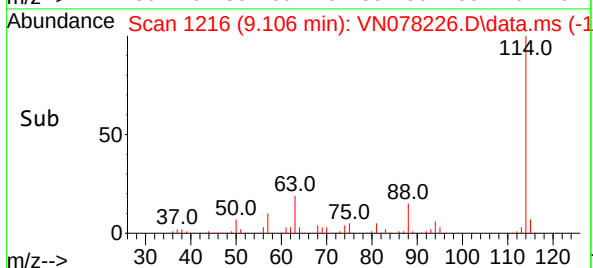
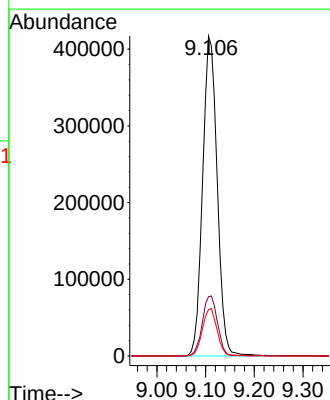
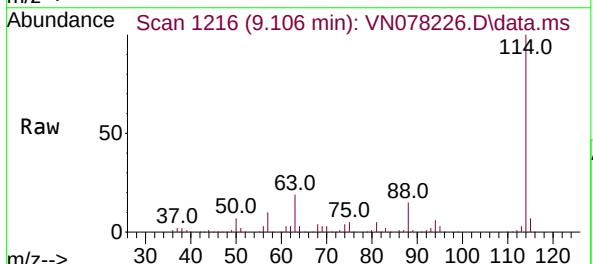
Tgt Ion: 114 Resp: 864880

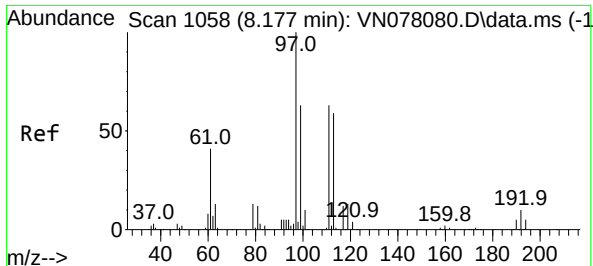
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 14.5 0.0 30.6

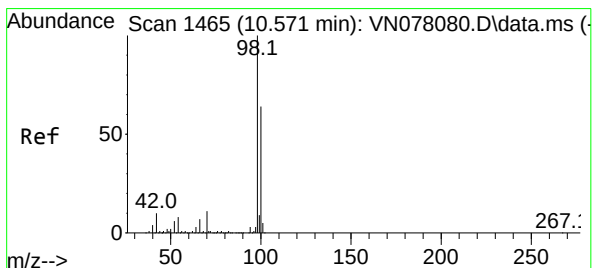
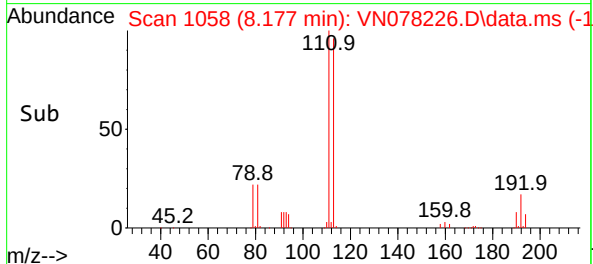
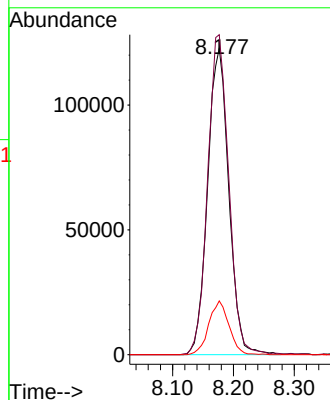
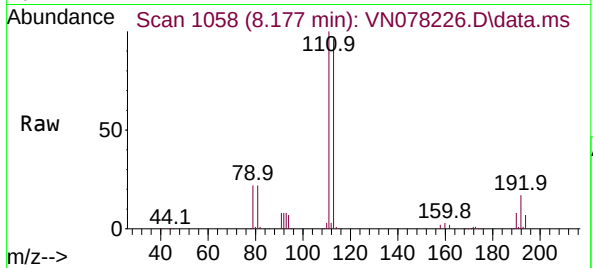




#35
Dibromofluoromethane
Concen: 54.302 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078226.D
Acq: 15 Jun 2023 14:20

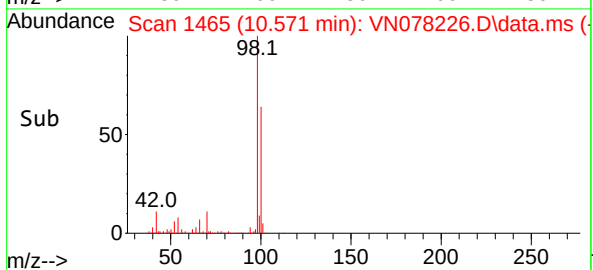
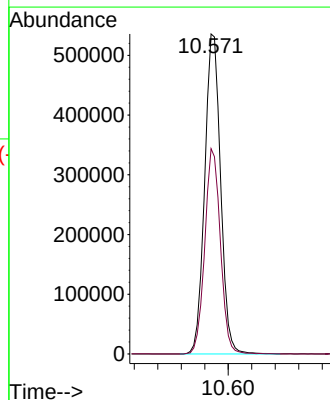
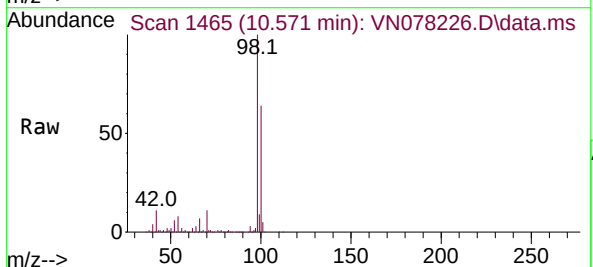
Instrument :
MSVOA_N
ClientSampleId :
40508

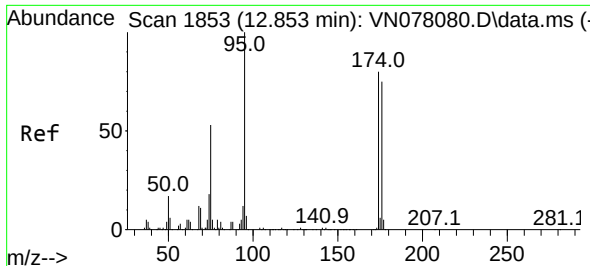
Tgt Ion:113 Resp: 296954
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.7 12.7 19.1



#50
Toluene-d8
Concen: 47.678 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078226.D
Acq: 15 Jun 2023 14:20

Tgt Ion: 98 Resp: 1005133
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

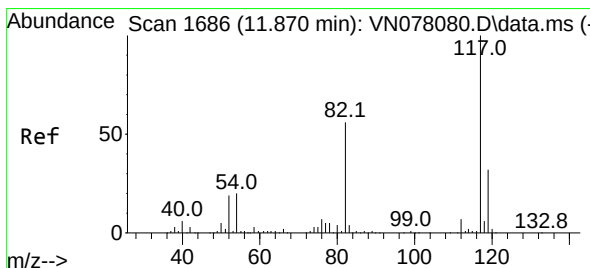
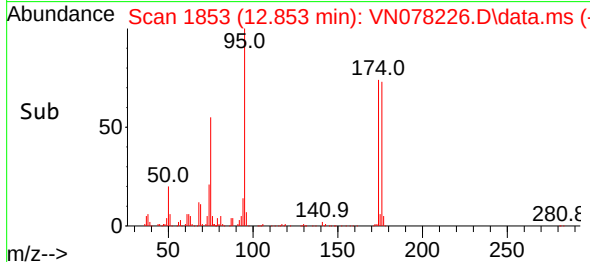
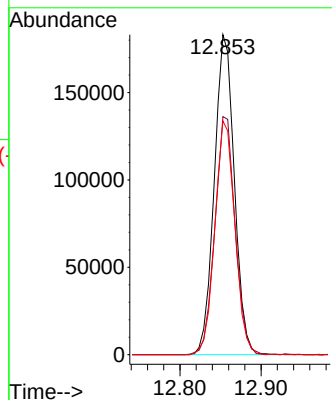
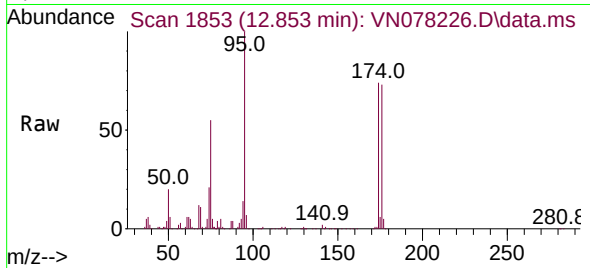




#62
4-Bromofluorobenzene
Concen: 47.890 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078226.D
Acq: 15 Jun 2023 14:20

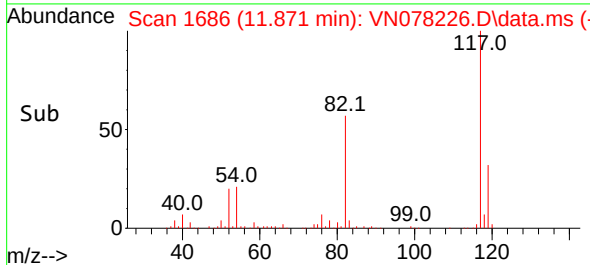
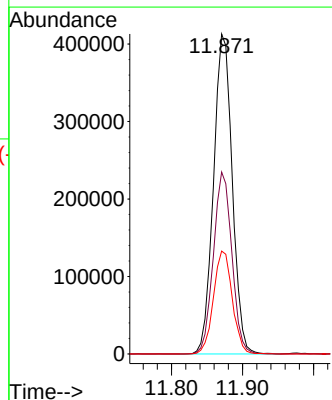
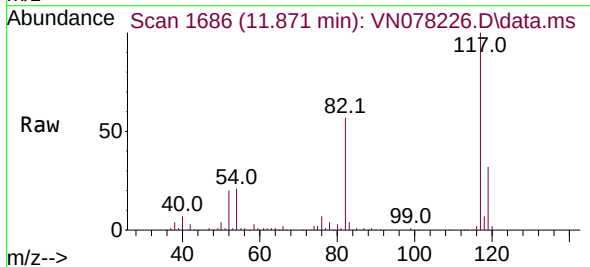
Instrument :
MSVOA_N
ClientSampleId :
40508

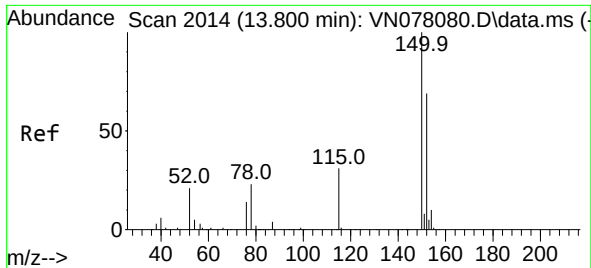
Tgt Ion:	95	Resp:	313864
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	143.8
176	73.1	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078226.D
Acq: 15 Jun 2023 14:20

Tgt Ion:	117	Resp:	754959
Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.0	66.0
119	32.2	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN078226.D

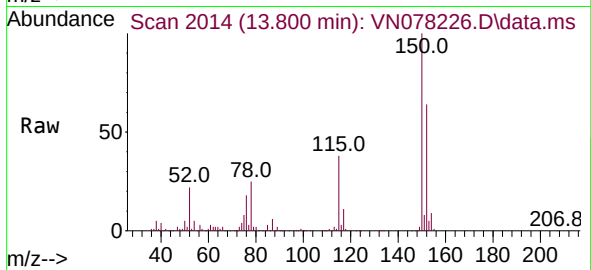
Acq: 15 Jun 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

40508



Tgt Ion:152 Resp: 248466

Ion Ratio Lower Upper

152 100

115 60.1 32.3 96.8

150 153.6 0.0 355.8

