

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079902.D
 Acq On : 04 Nov 2023 18:52
 Operator : JC\MD
 Sample : 05223-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-GEP-3-20231031DL

Quant Time: Nov 06 02:18:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

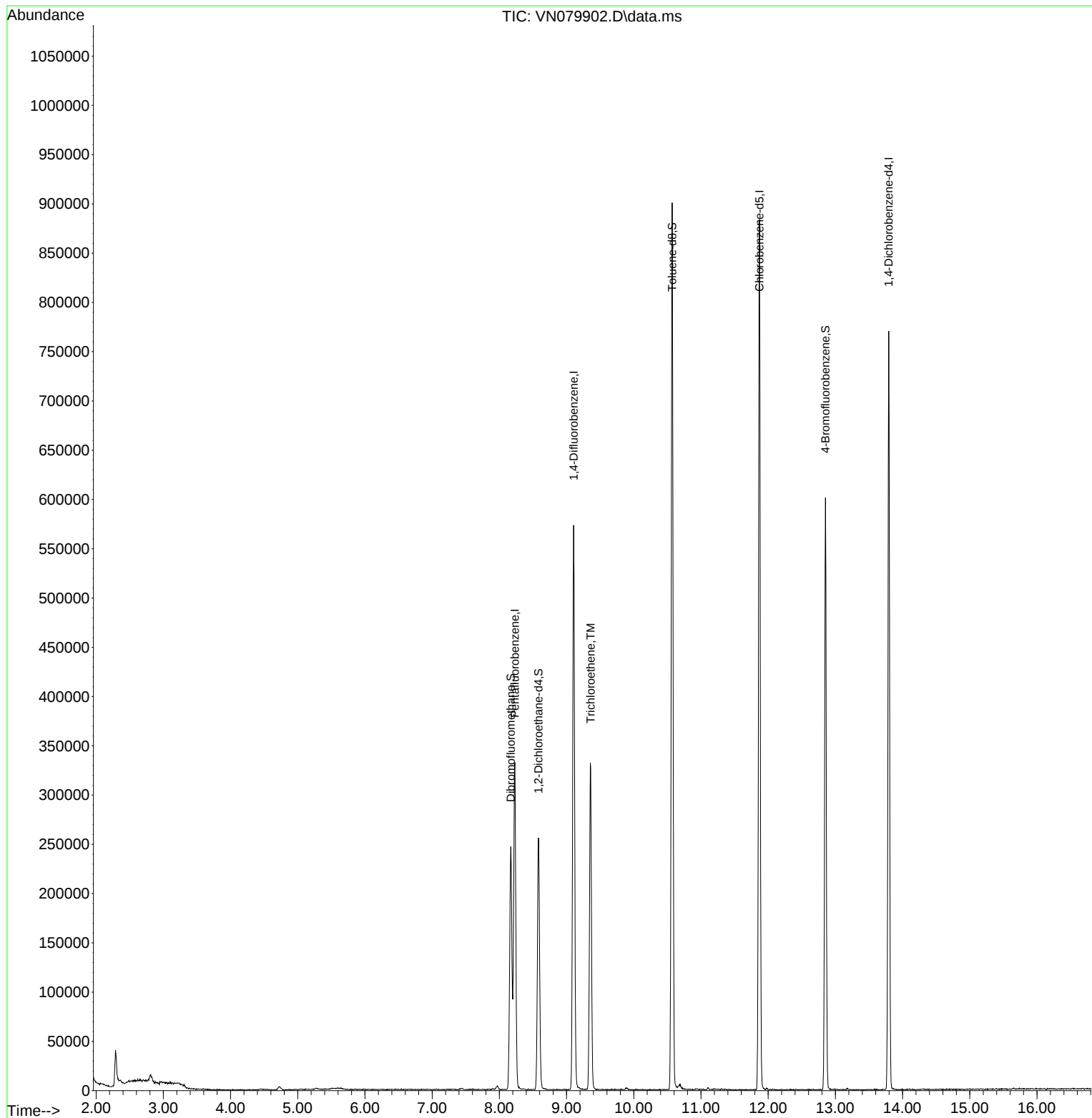
Internal Standards						
1) Pentafluorobenzene	8.229	168	231520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	489061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	211029	59.828	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.660%
35) Dibromofluoromethane	8.171	113	175216	52.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.820%
50) Toluene-d8	10.571	98	598690	49.106	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.853	95	202636	50.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	116265	33.082	ug/l	97

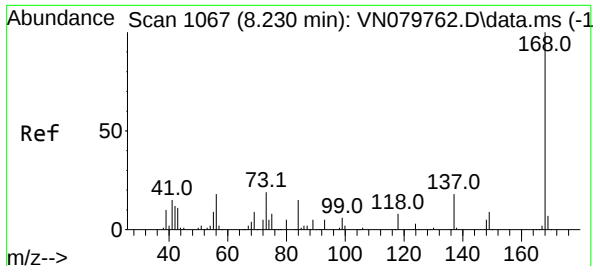
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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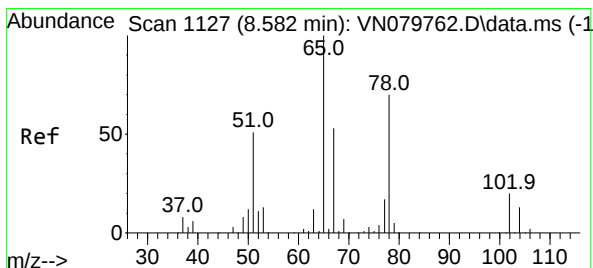
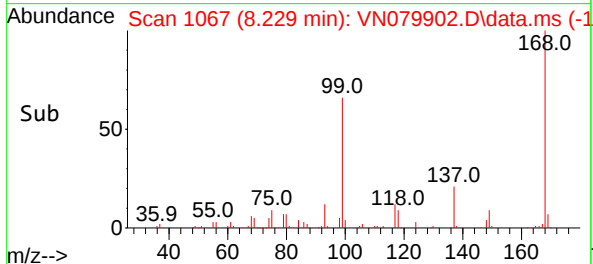
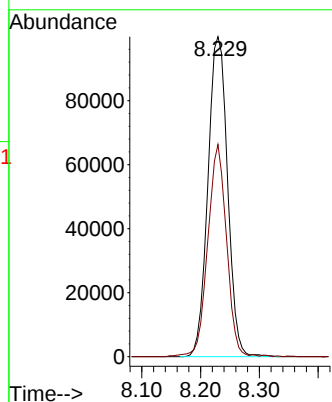
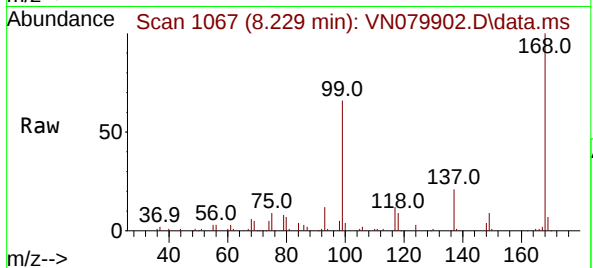




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079902.D
Acq: 04 Nov 2023 18:52

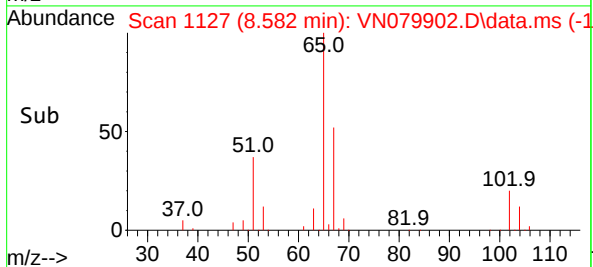
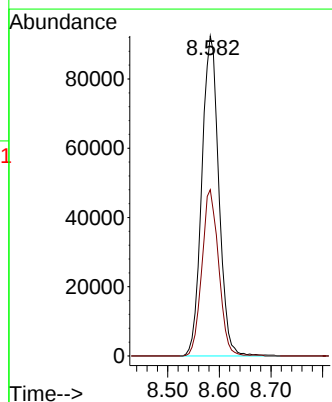
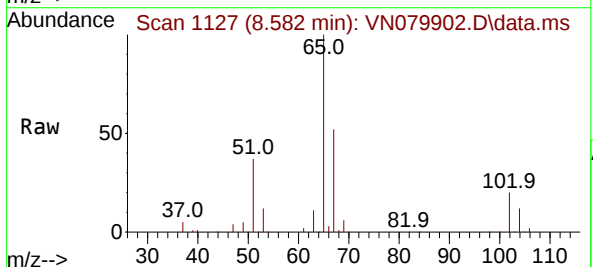
Instrument :
MSVOA_N
ClientSampleId :
FSND-GEP-3-20231031DL

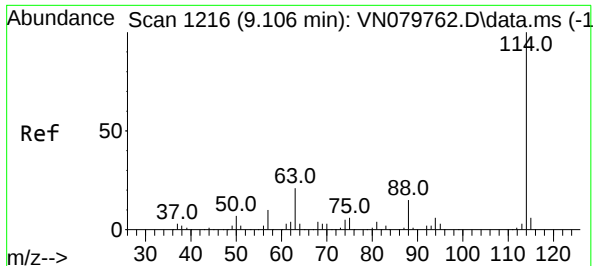
Tgt Ion:168 Resp: 231520
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 59.828 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079902.D
Acq: 04 Nov 2023 18:52

Tgt Ion: 65 Resp: 211029
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079902.D

Acq: 04 Nov 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

FSND-GEP-3-20231031DL

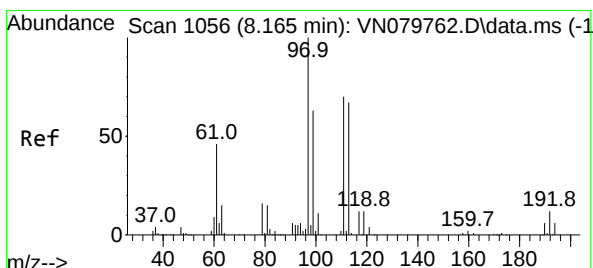
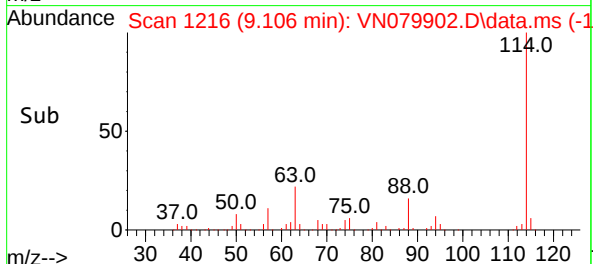
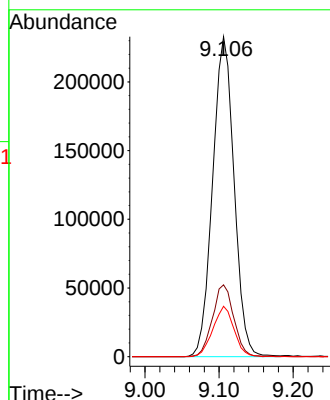
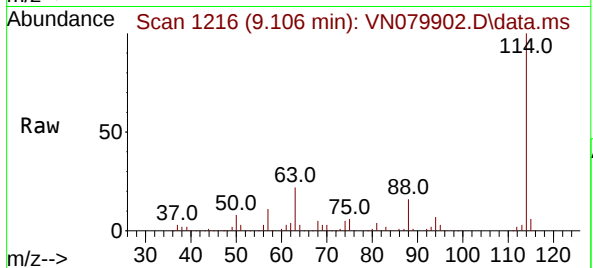
Tgt Ion:114 Resp: 467919

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.908 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079902.D

Acq: 04 Nov 2023 18:52

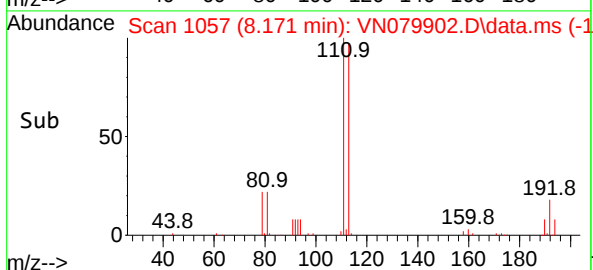
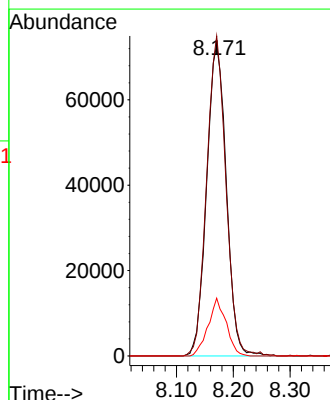
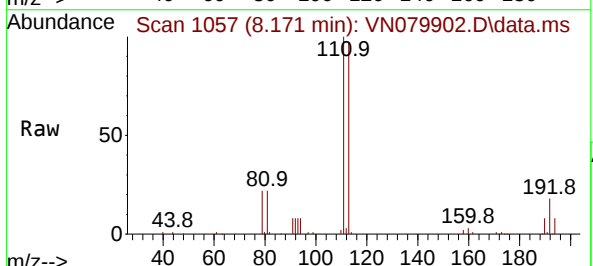
Tgt Ion:113 Resp: 175216

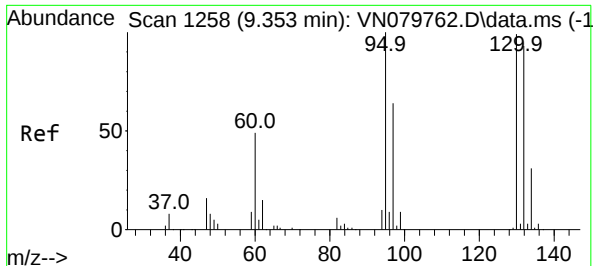
Ion Ratio Lower Upper

113 100

111 100.6 82.6 123.8

192 17.0 12.7 19.1

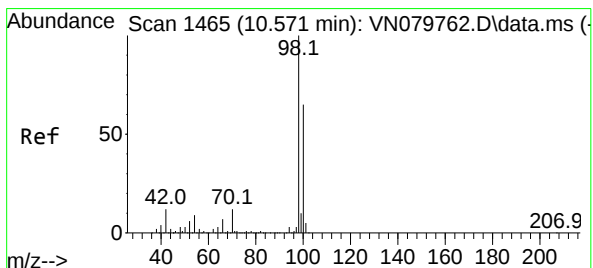
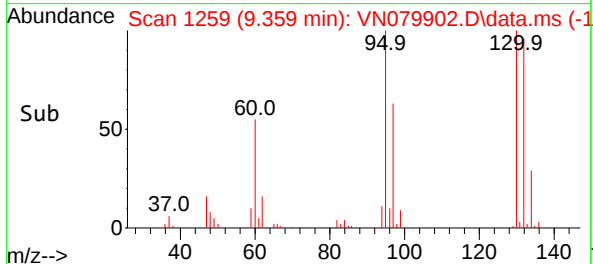
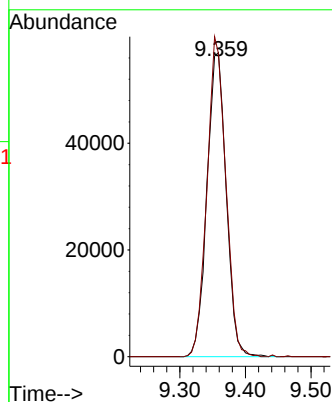
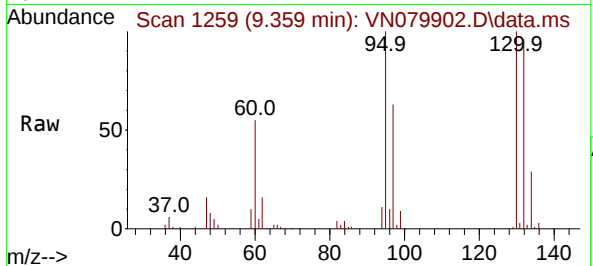




#44
Trichloroethene
Concen: 33.082 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079902.D
Acq: 04 Nov 2023 18:52

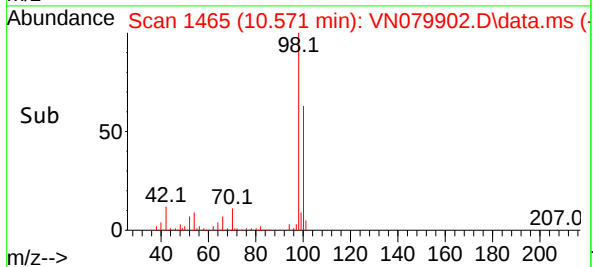
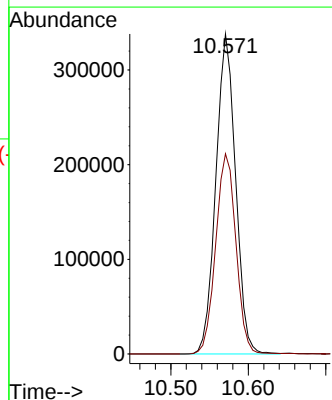
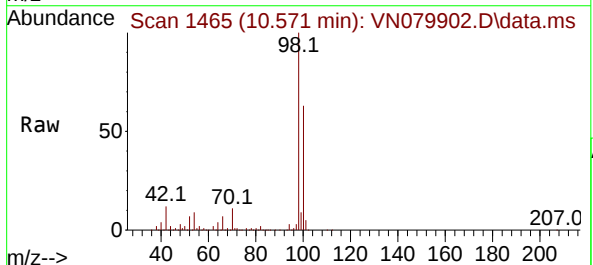
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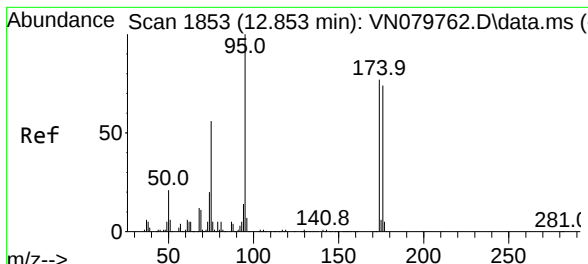
Tgt Ion:130 Resp: 116265
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.6



#50
Toluene-d8
Concen: 49.106 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079902.D
Acq: 04 Nov 2023 18:52

Tgt Ion: 98 Resp: 598690
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

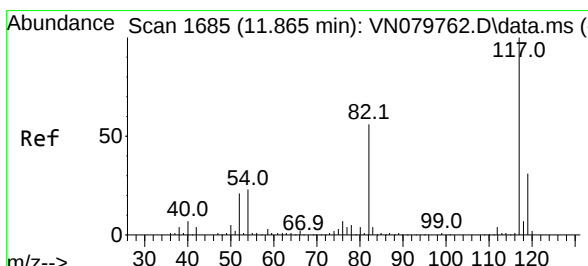
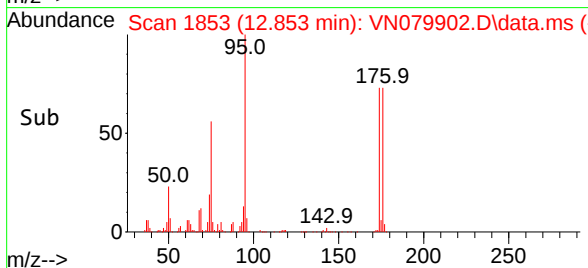
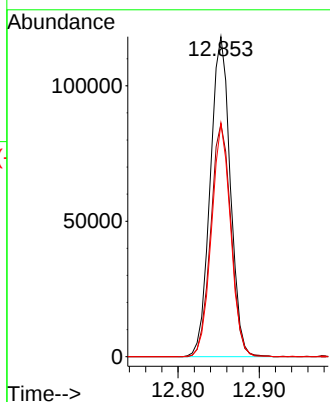
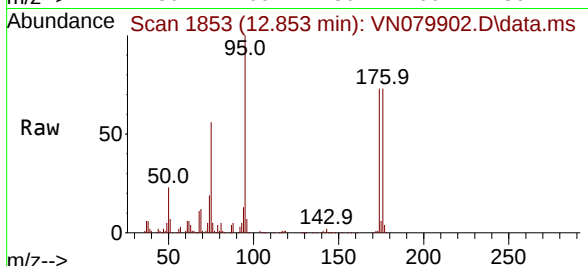




#62
 4-Bromofluorobenzene
 Concen: 50.115 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079902.D
 Acq: 04 Nov 2023 18:52

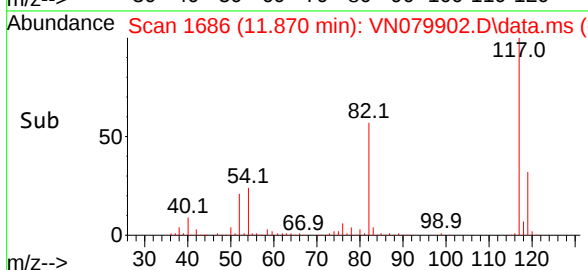
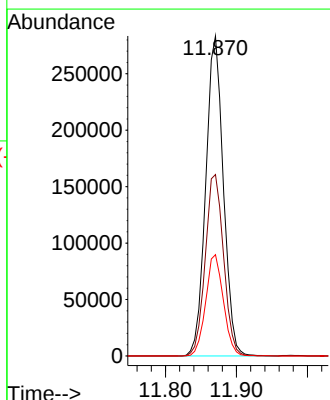
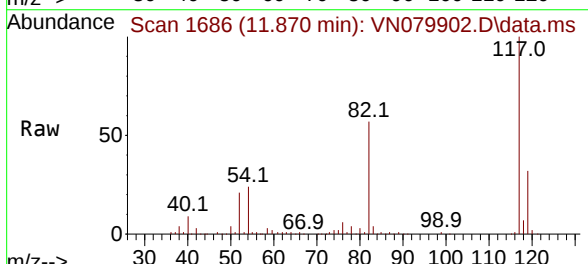
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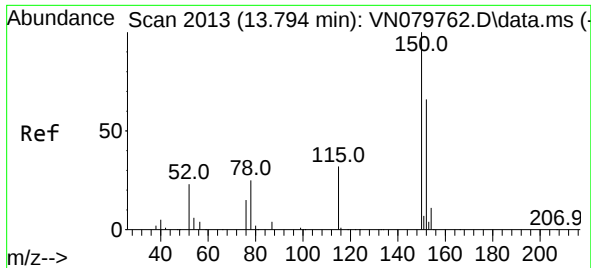
Tgt Ion:	95	Resp:	202636
Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	143.8
176	69.8	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079902.D
 Acq: 04 Nov 2023 18:52

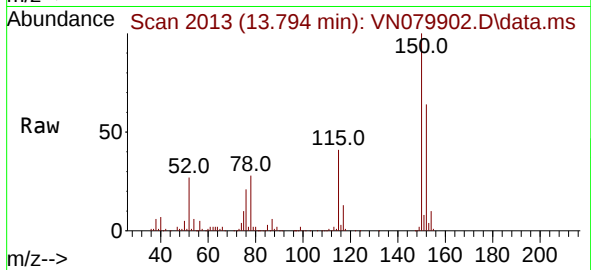
Tgt Ion:	117	Resp:	489061
Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.0	66.0
119	31.6	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079902.D
 Acq: 04 Nov 2023 18:52

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.3	96.8
150	159.5	0.0	355.8

