

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079350.D
 Acq On : 08 Jul 2024 19:29
 Operator : RP/MD
 Sample : P3166-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-070324

Quant Time: Jul 08 19:25:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

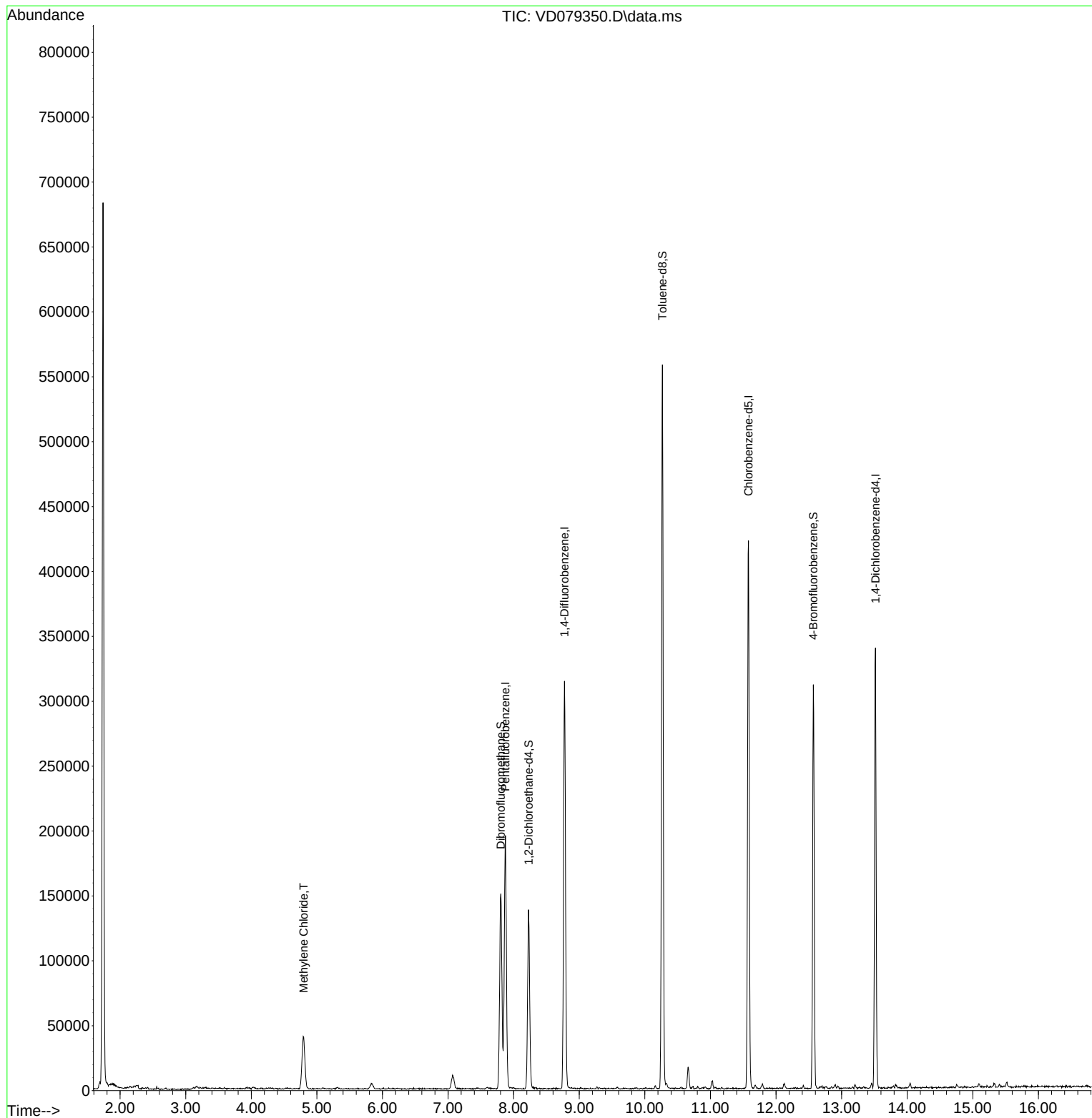
Internal Standards						
1) Pentafluorobenzene	7.875	168	141133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	290818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102856	61.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.680%	
35) Dibromofluoromethane	7.804	113	114030	55.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.269	98	399527	50.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.569	95	103782	42.220	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.440%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	33889	6.282	ug/l	94

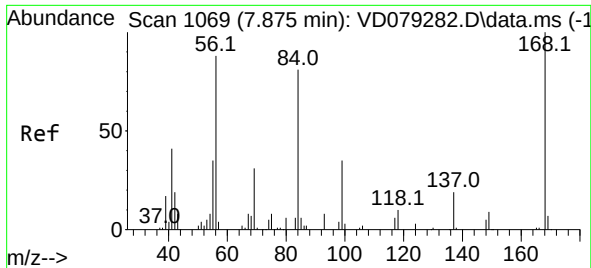
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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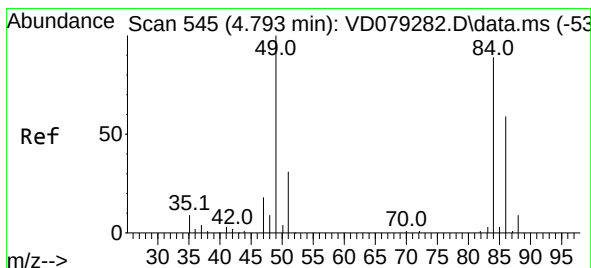
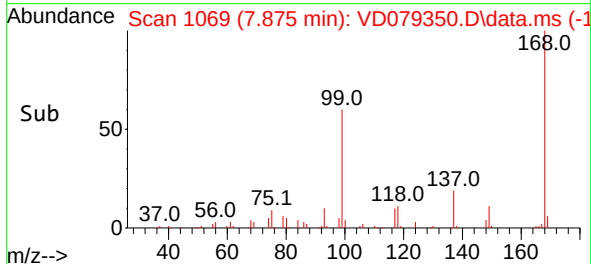
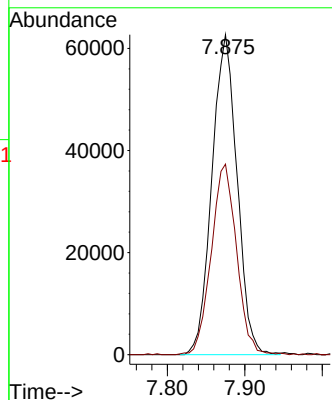
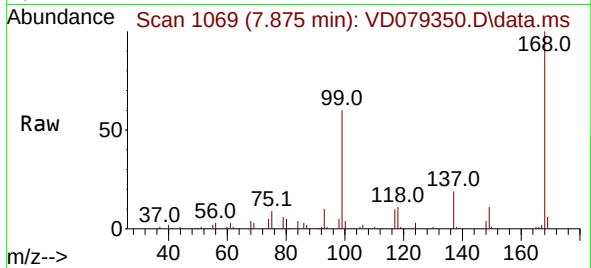




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079350.D
Acq: 08 Jul 2024 19:29

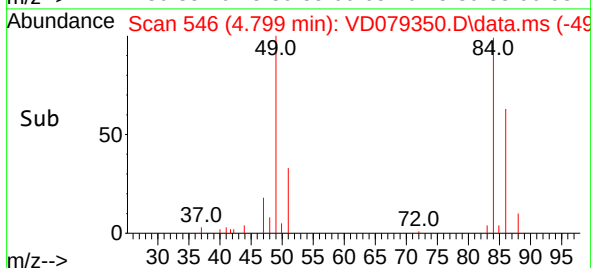
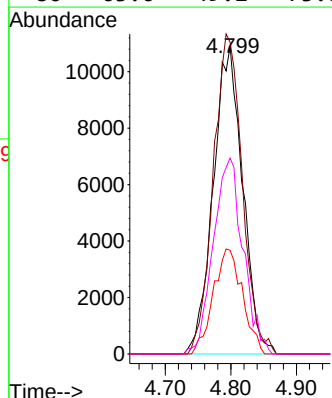
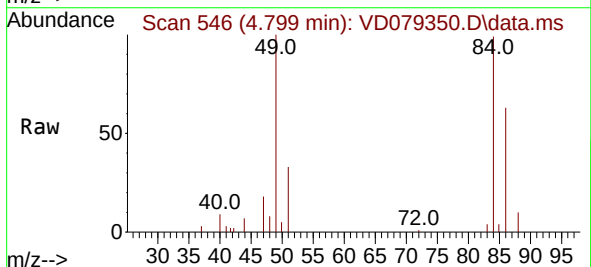
Instrument :
MSVOA_D
ClientSampleId :
NB-08-070324

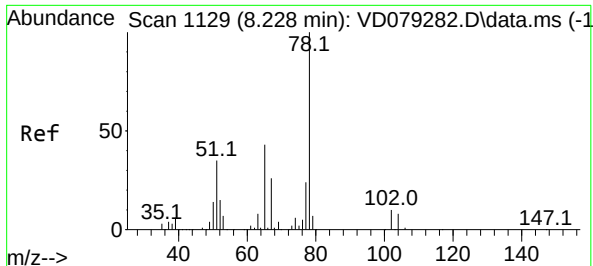
Tgt Ion:168 Resp: 141133
Ion Ratio Lower Upper
168 100
99 59.3 41.1 61.7



#20
Methylene Chloride
Concen: 6.282 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079350.D
Acq: 08 Jul 2024 19:29

Tgt Ion: 84 Resp: 33889
Ion Ratio Lower Upper
84 100
49 101.3 75.6 113.4
51 33.7 24.2 36.2
86 63.6 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 61.843 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079350.D

Acq: 08 Jul 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

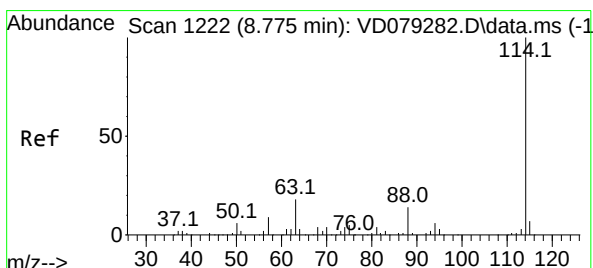
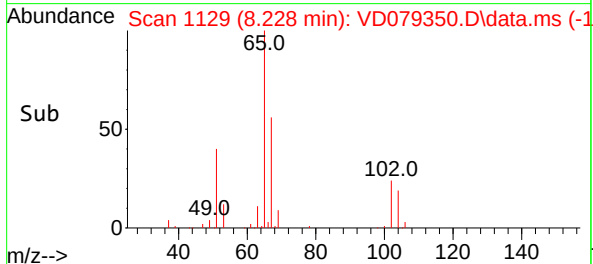
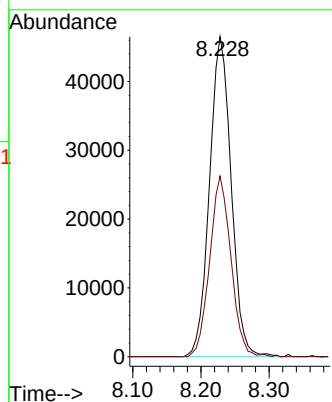
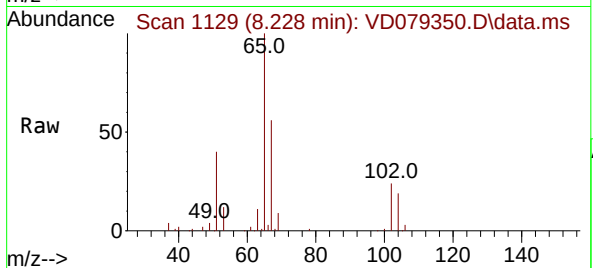
NB-08-070324

Tgt Ion: 65 Resp: 102856

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079350.D

Acq: 08 Jul 2024 19:29

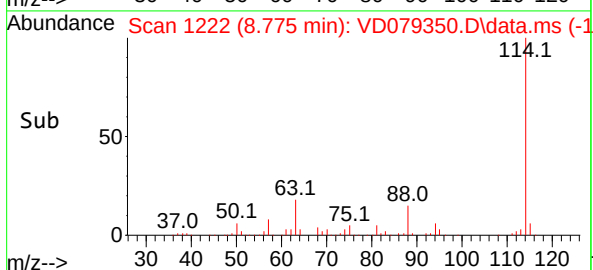
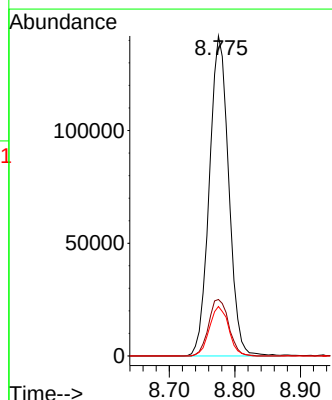
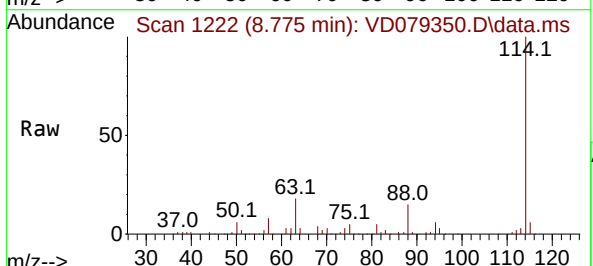
Tgt Ion: 114 Resp: 290818

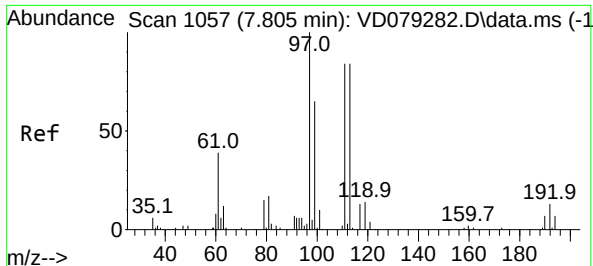
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.580 ug/l

RT: 7.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079350.D

Acq: 08 Jul 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

NB-08-070324

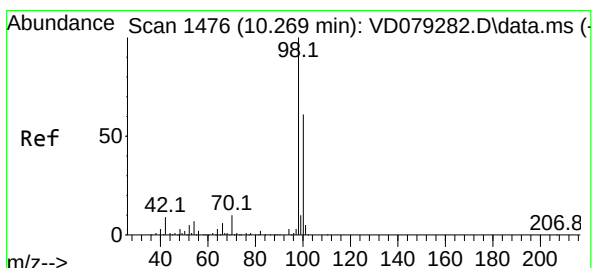
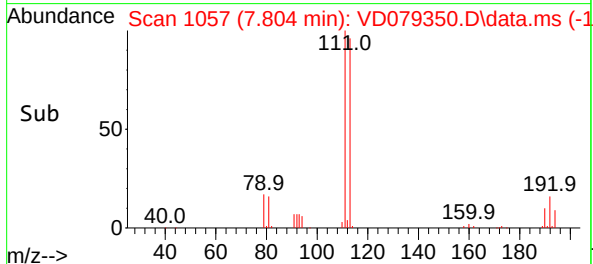
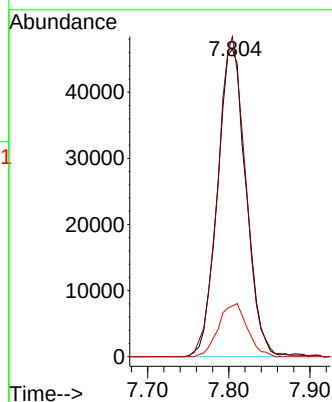
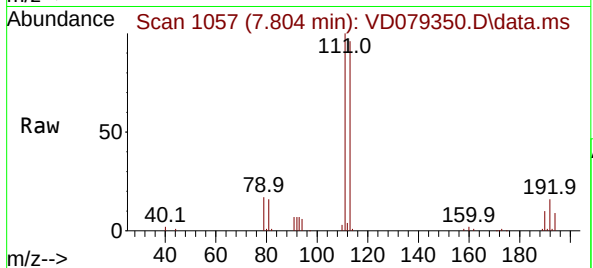
Tgt Ion:113 Resp: 114030

Ion Ratio Lower Upper

113 100

111 102.2 84.0 126.0

192 17.4 15.4 23.0



#50

Toluene-d8

Concen: 50.517 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079350.D

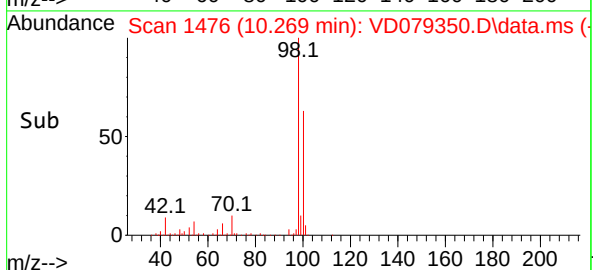
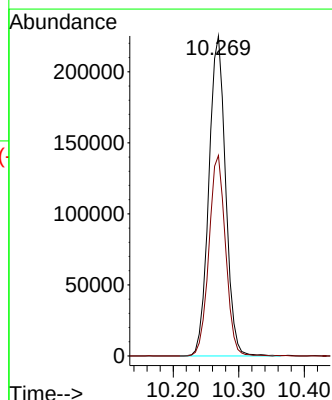
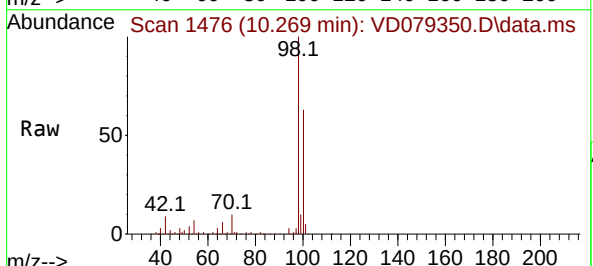
Acq: 08 Jul 2024 19:29

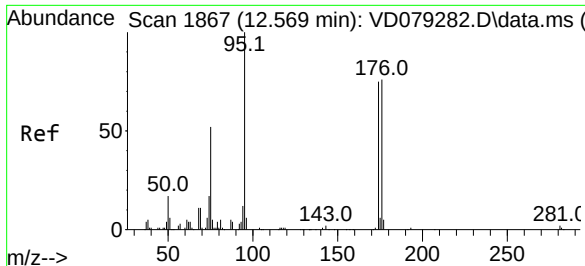
Tgt Ion: 98 Resp: 399527

Ion Ratio Lower Upper

98 100

100 62.1 51.6 77.4

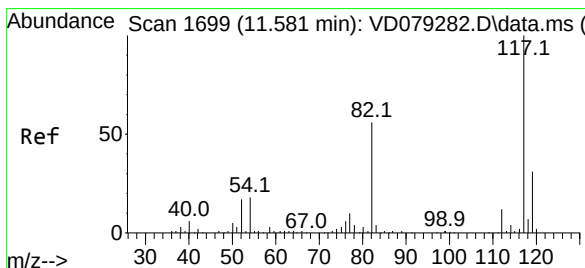
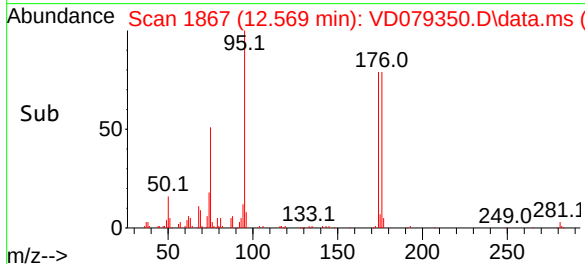
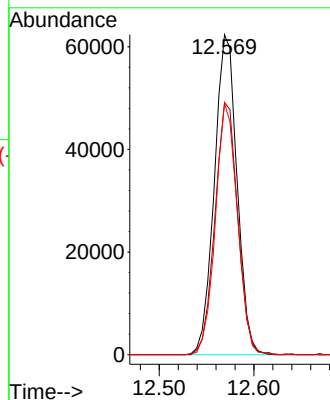
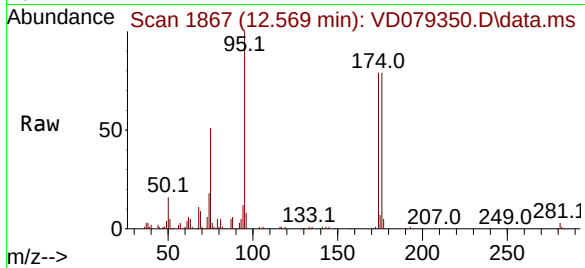




#62
4-Bromofluorobenzene
Concen: 42.220 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079350.D
Acq: 08 Jul 2024 19:29

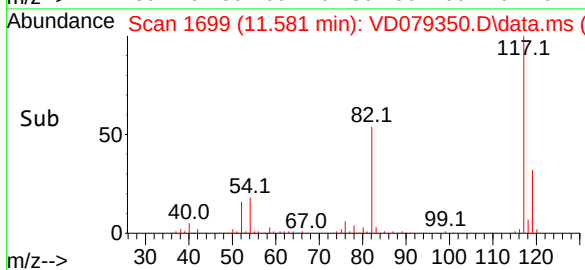
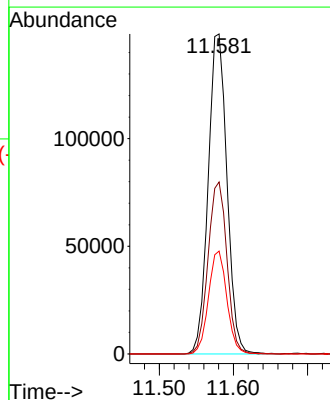
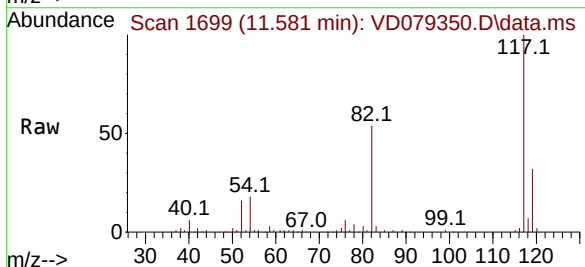
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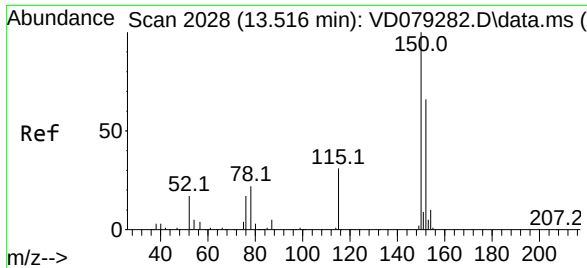
Tgt Ion: 95 Resp: 103782
Ion Ratio Lower Upper
95 100
174 79.1 0.0 195.4
176 76.3 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079350.D
Acq: 08 Jul 2024 19:29

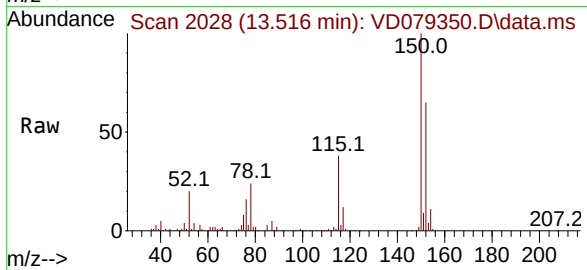
Tgt Ion: 117 Resp: 261960
Ion Ratio Lower Upper
117 100
82 53.8 39.8 59.6
119 32.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079350.D
 Acq: 08 Jul 2024 19:29

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-070324



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	26.5	79.5
150	159.8	0.0	341.6

