

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079444.D
 Acq On : 29 Jul 2024 19:02
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jul 30 03:07:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:34:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	99448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	390353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	179078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84870	84.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.000%#	
35) Dibromofluoromethane	7.805	113	145649	60.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.540%	
50) Toluene-d8	10.269	98	468402	49.914	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.569	95	145045	53.412	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.820%	

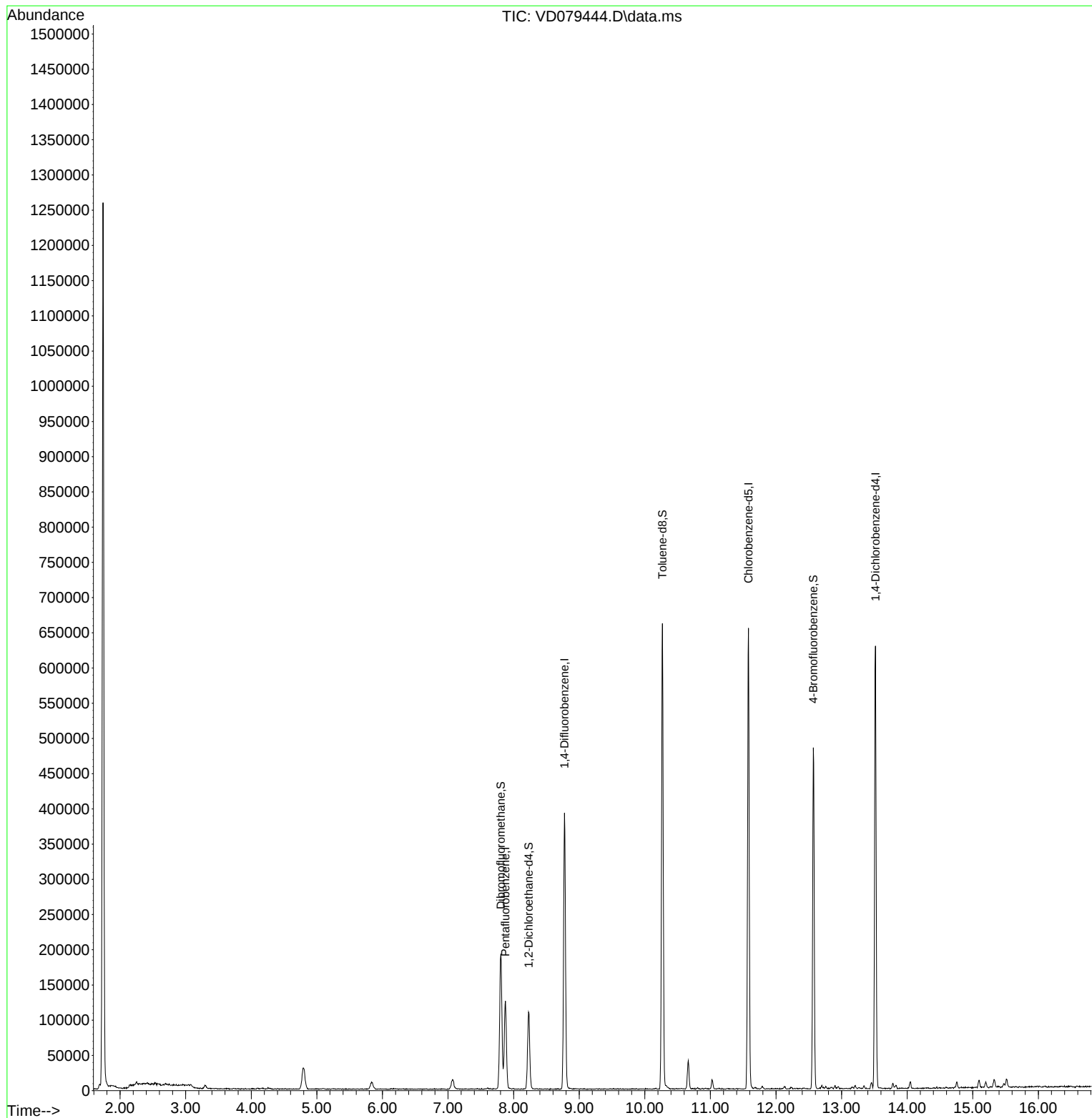
Target Compounds	Qvalue

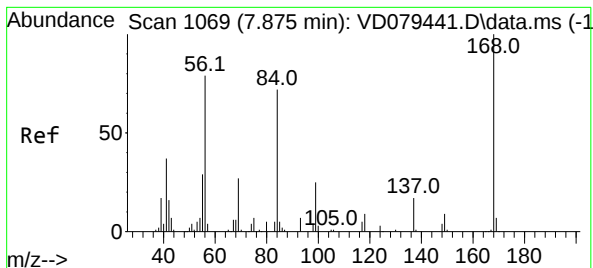
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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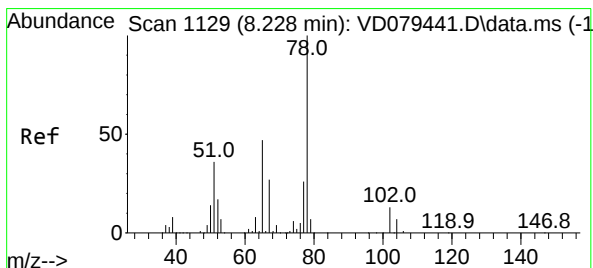
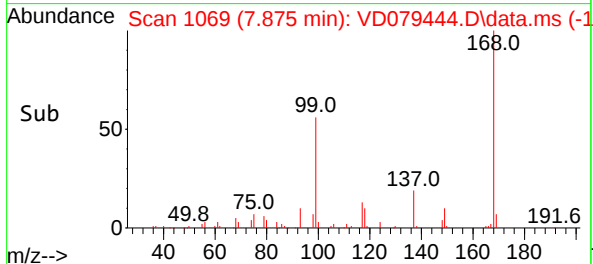
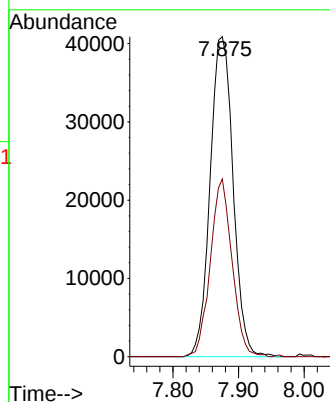
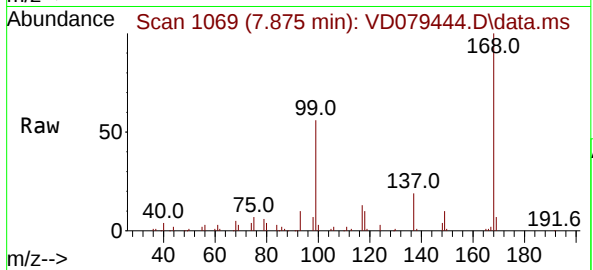




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079444.D
Acq: 29 Jul 2024 19:02

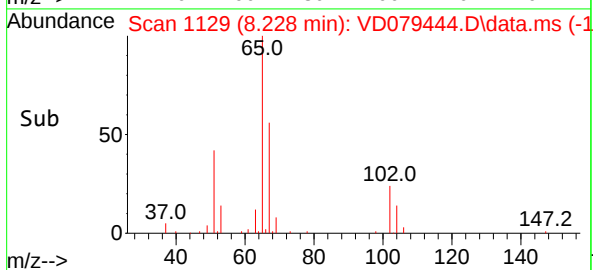
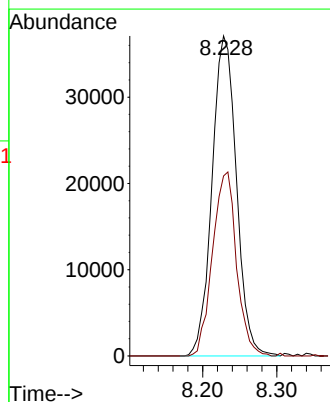
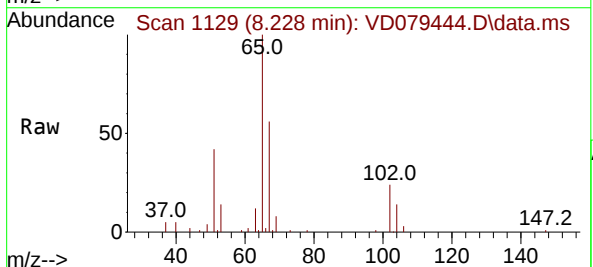
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

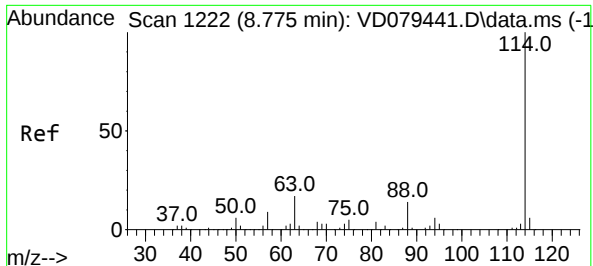
Tgt Ion:168 Resp: 99448
Ion Ratio Lower Upper
168 100
99 55.6 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 84.005 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079444.D
Acq: 29 Jul 2024 19:02

Tgt Ion: 65 Resp: 84870
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079444.D

Acq: 29 Jul 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

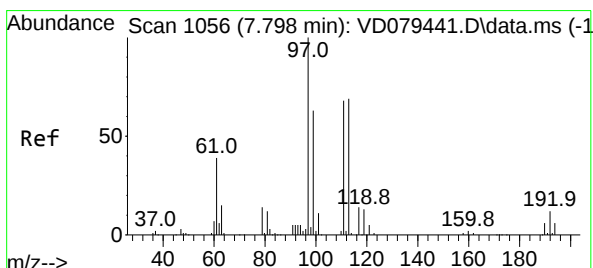
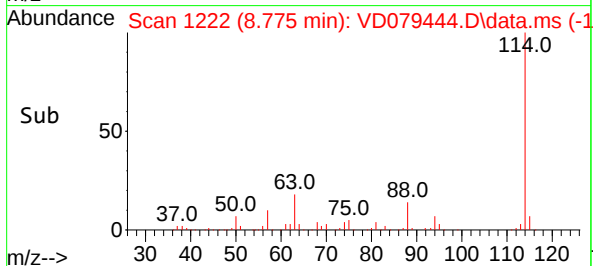
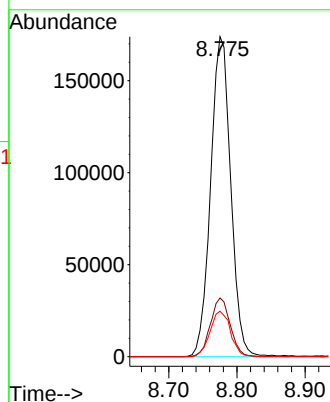
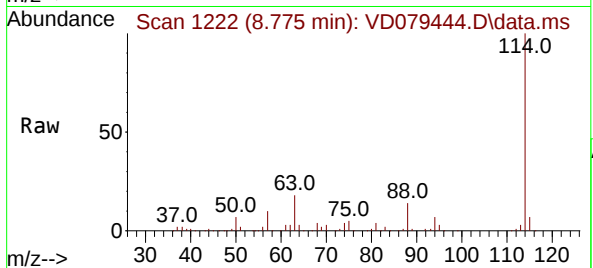
Tgt Ion:114 Resp: 357023

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.273 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD079444.D

Acq: 29 Jul 2024 19:02

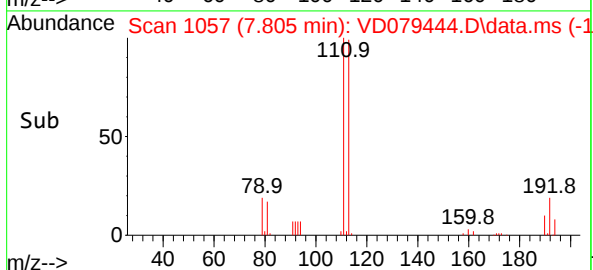
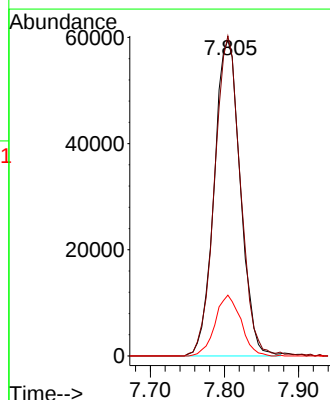
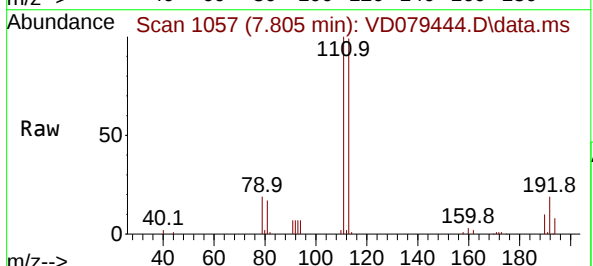
Tgt Ion:113 Resp: 145649

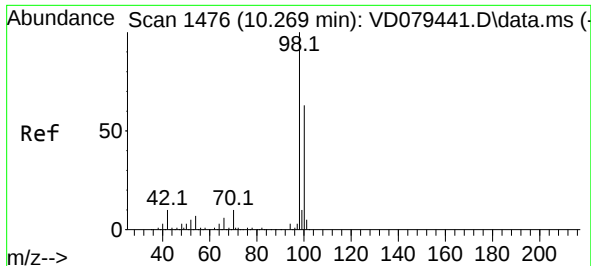
Ion Ratio Lower Upper

113 100

111 100.1 84.0 126.0

192 19.0 15.4 23.0

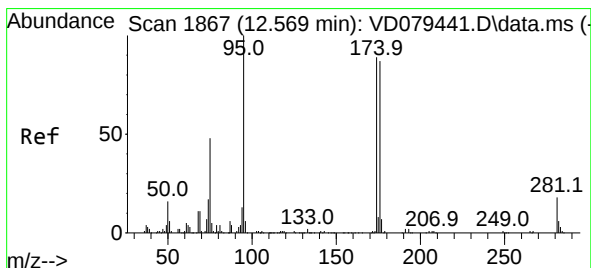
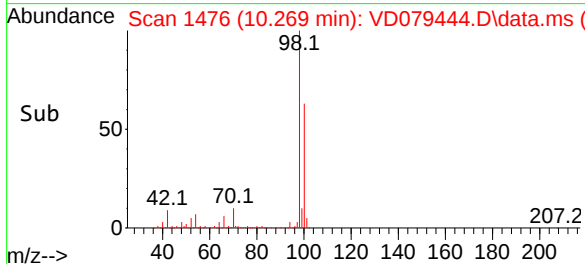
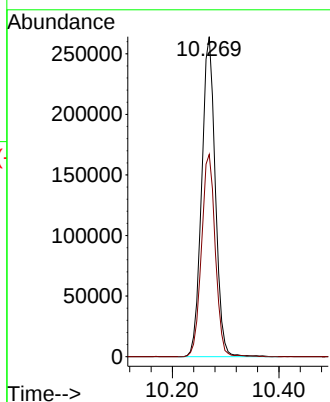
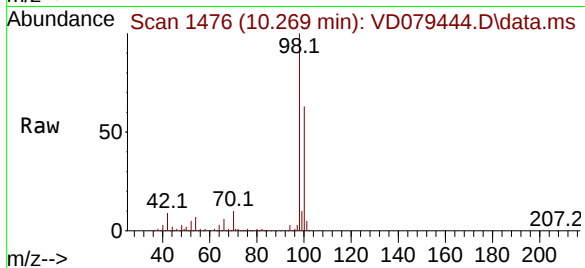




#50
Toluene-d8
Concen: 49.914 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079444.D
Acq: 29 Jul 2024 19:02

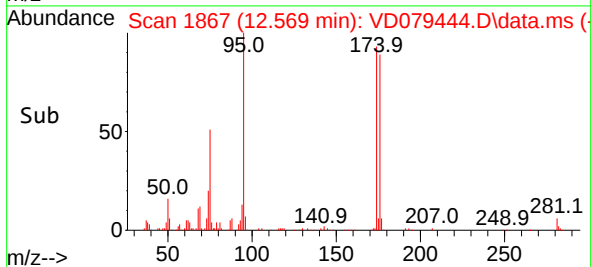
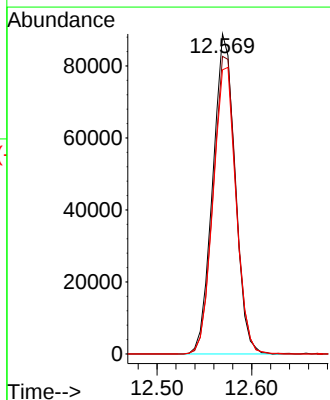
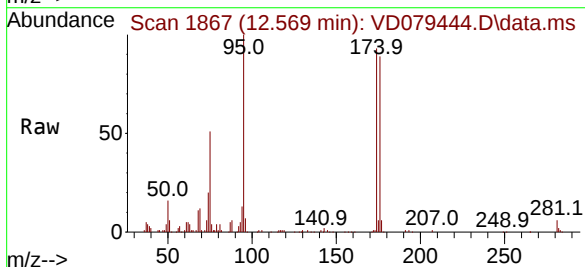
Instrument :
MSVOA_D
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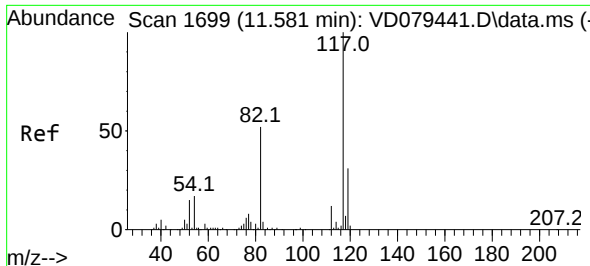
Tgt Ion: 98 Resp: 468402
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 53.412 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079444.D
Acq: 29 Jul 2024 19:02

Tgt Ion: 95 Resp: 145045
Ion Ratio Lower Upper
95 100
174 95.4 0.0 195.4
176 92.2 0.0 192.6

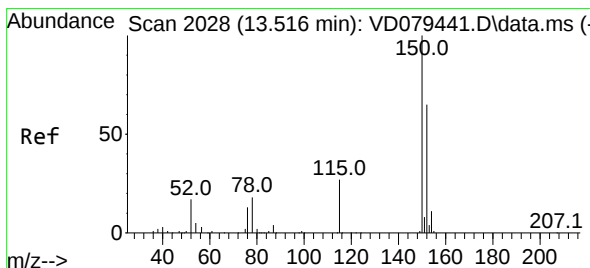
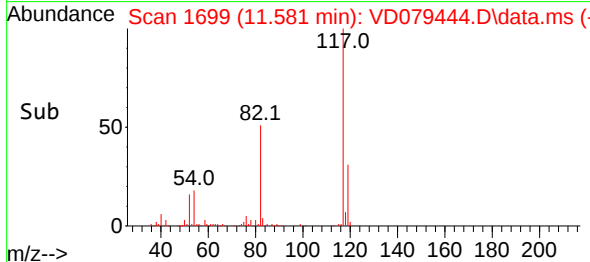
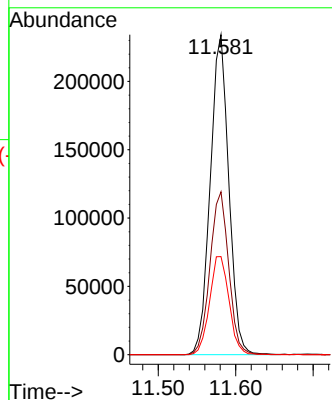
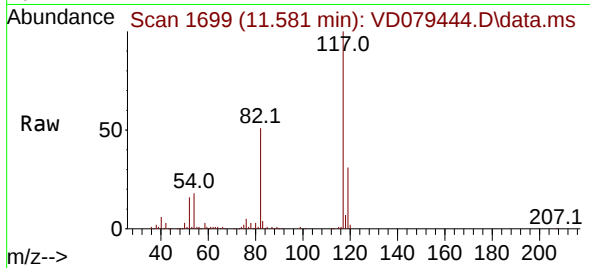




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079444.D
Acq: 29 Jul 2024 19:02

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 390353
Ion Ratio Lower Upper
117 100
82 50.9 39.8 59.6
119 30.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079444.D
Acq: 29 Jul 2024 19:02

Tgt Ion:152 Resp: 179078
Ion Ratio Lower Upper
152 100
115 55.3 26.5 79.5
150 154.9 0.0 341.6

