

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079551.D
 Acq On : 02 Aug 2024 19:21
 Operator : RP/MD
 Sample : P3403-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT3054

Quant Time: Aug 02 19:29:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	354140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	327675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105222	51.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.160%
35) Dibromofluoromethane	7.804	113	111863	46.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.269	98	380871	40.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.840%
62) 4-Bromofluorobenzene	12.569	95	104771	38.895	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.800%

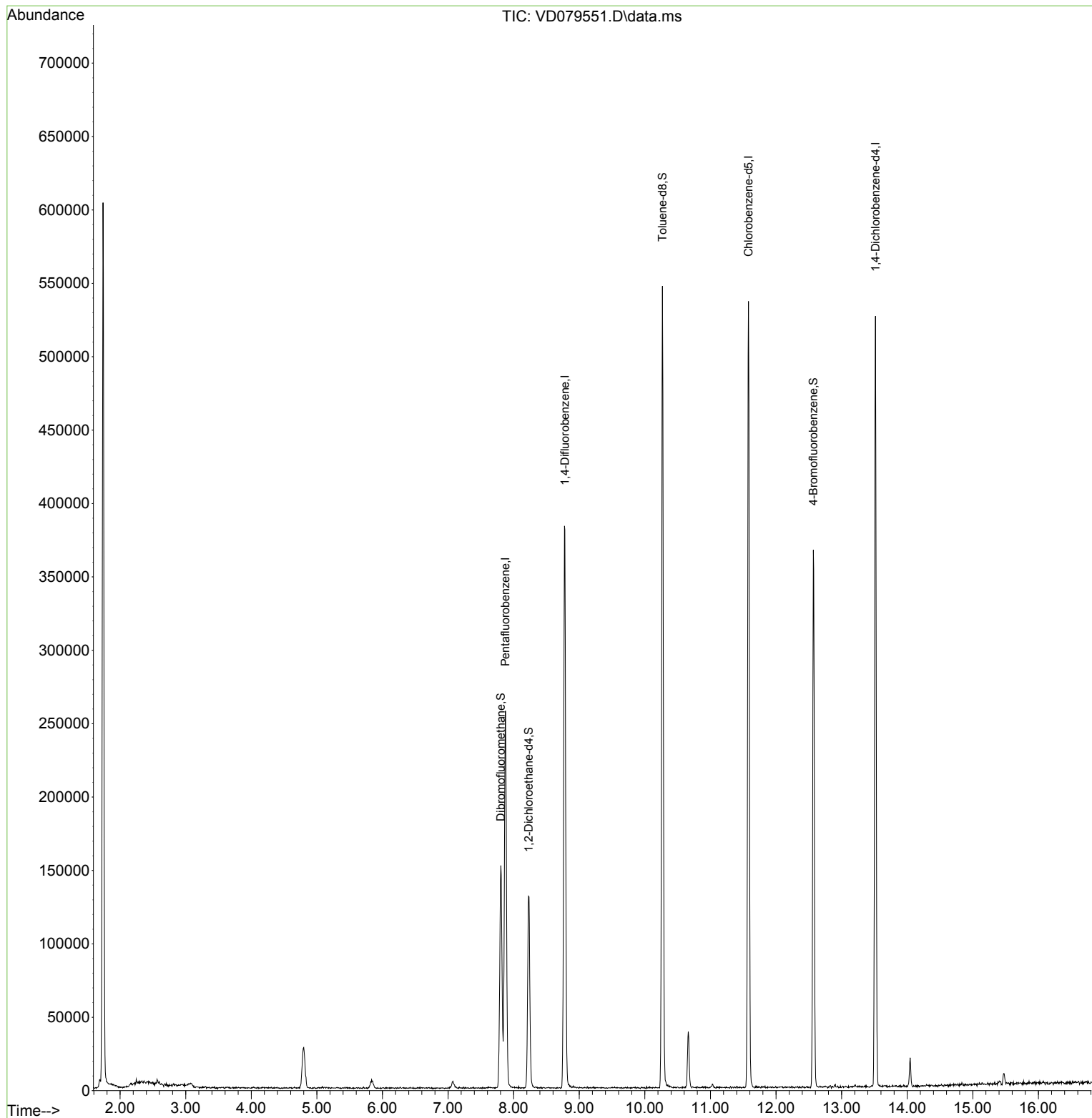
Target Compounds	Qvalue

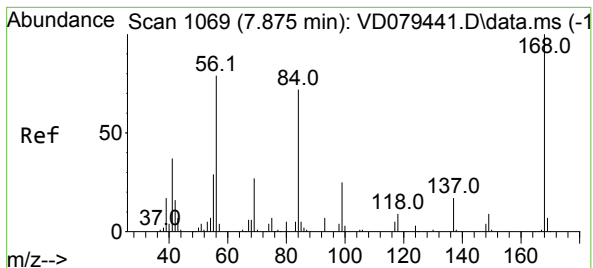
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079551.D

Acq: 02 Aug 2024 19:21

Instrument :

MSVOA_D

ClientSampleId :

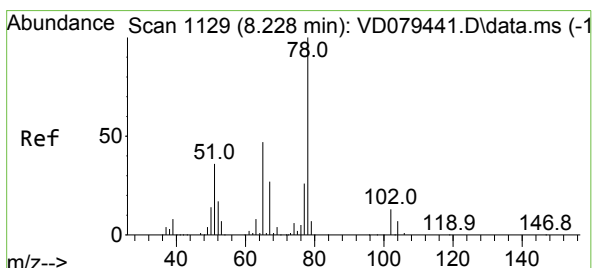
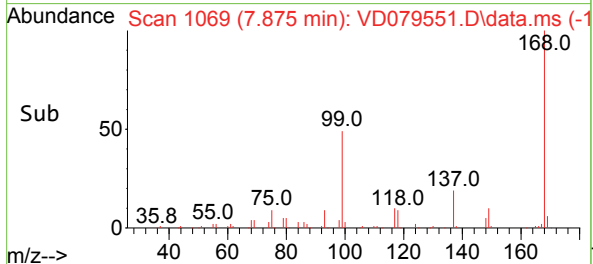
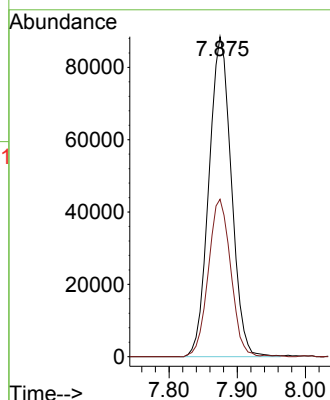
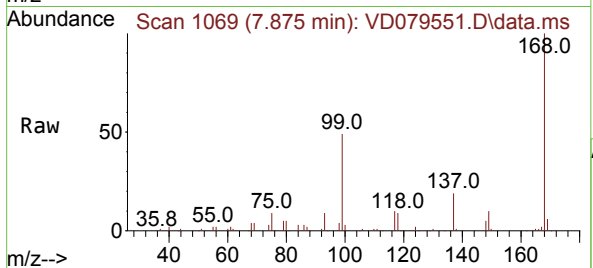
RT3054

Tgt Ion:168 Resp: 202782

Ion Ratio Lower Upper

168 100

99 49.2 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 51.077 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079551.D

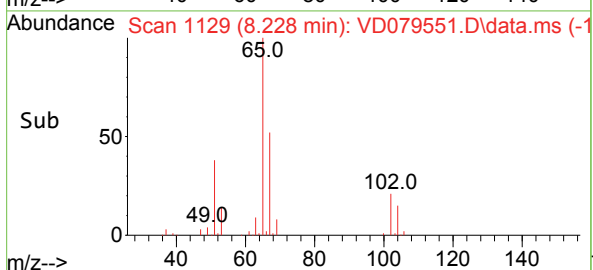
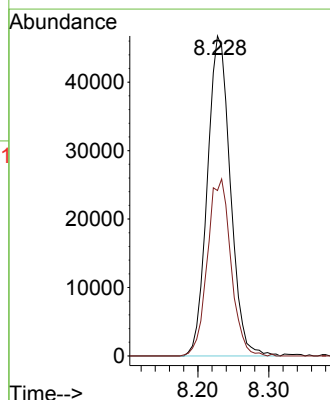
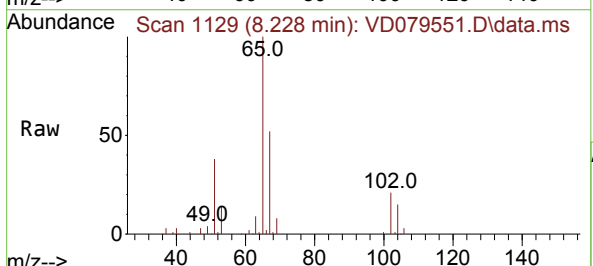
Acq: 02 Aug 2024 19:21

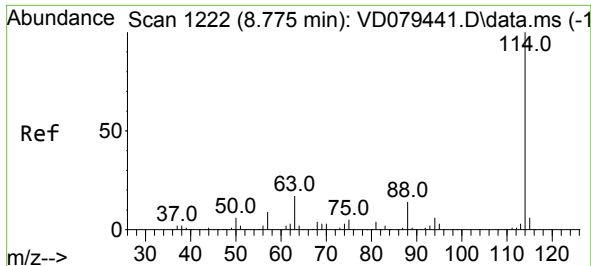
Tgt Ion: 65 Resp: 105222

Ion Ratio Lower Upper

65 100

67 56.5 0.0 111.0

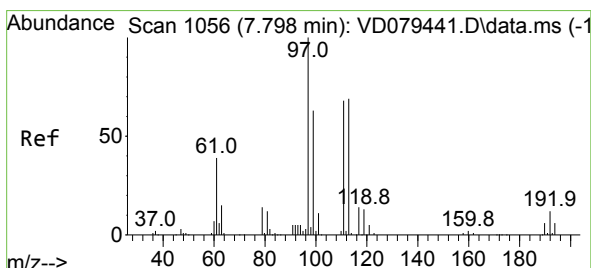
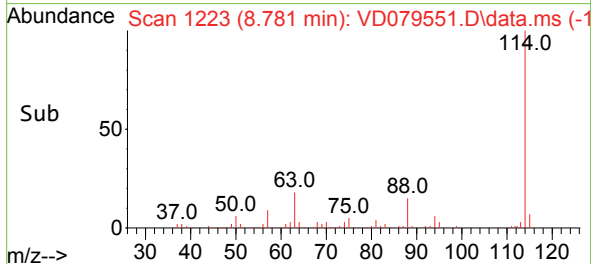
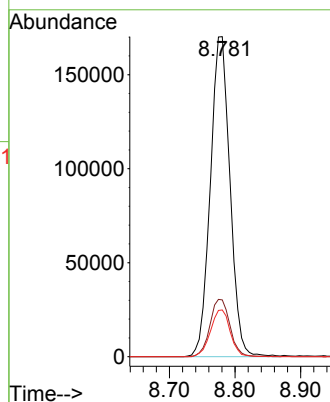
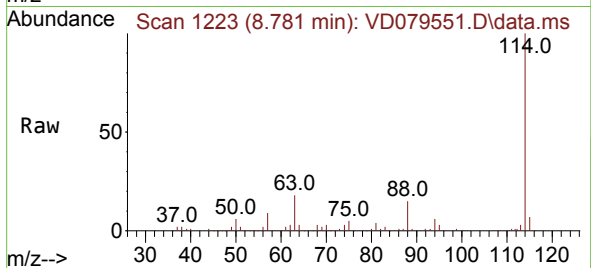




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

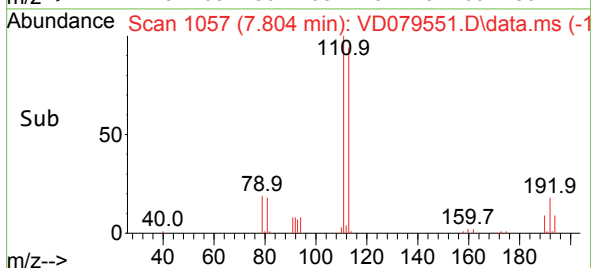
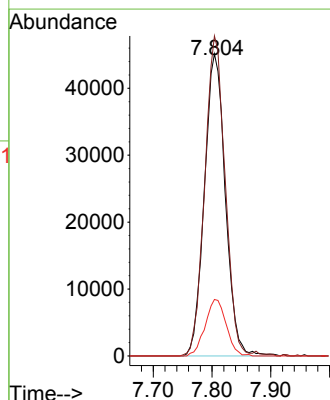
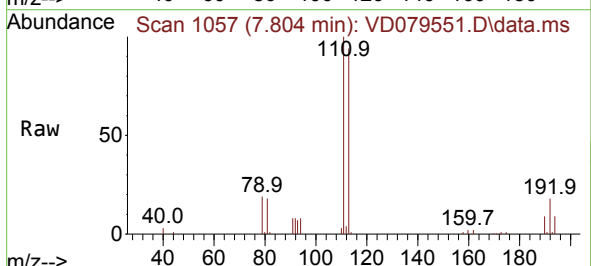
Instrument :
MSVOA_D
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RT3054

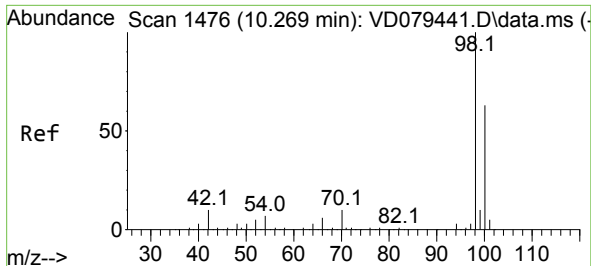
Tgt Ion:114 Resp: 354140
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.0
88 14.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.668 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Tgt Ion:113 Resp: 111863
Ion Ratio Lower Upper
113 100
111 103.0 84.0 126.0
192 18.8 15.4 23.0

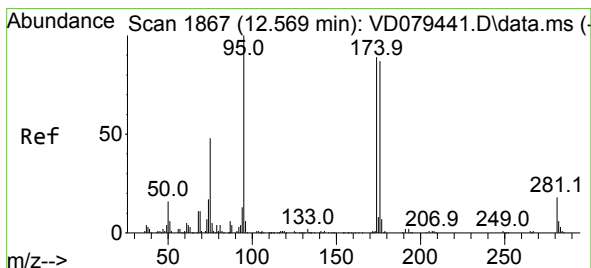
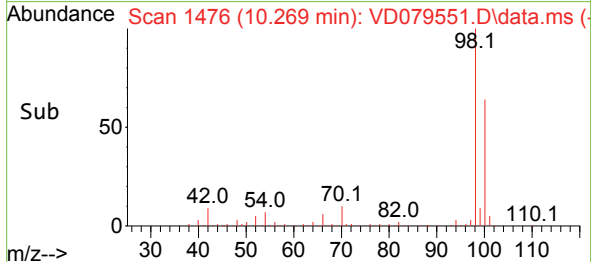
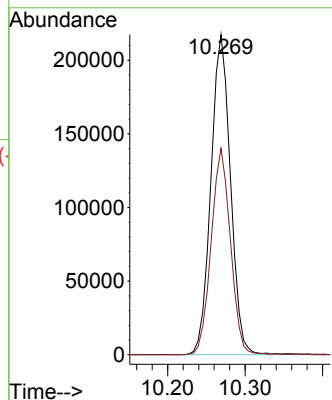
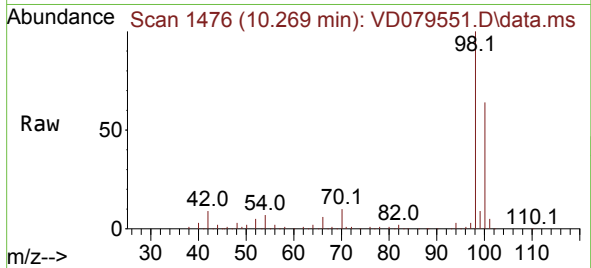




#50
Toluene-d8
Concen: 40.917 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

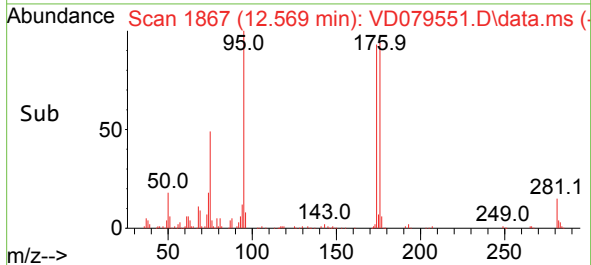
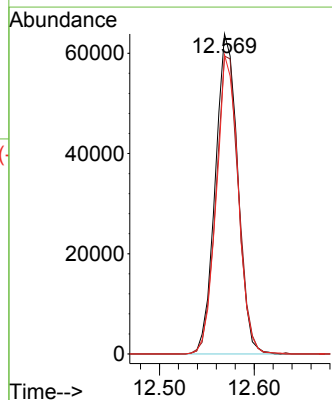
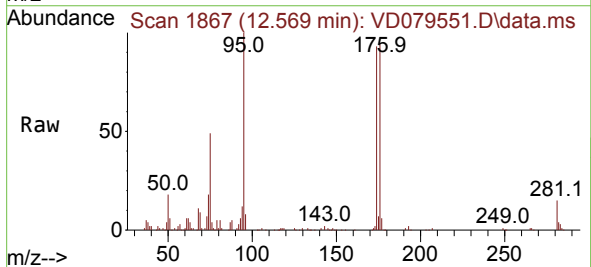
Instrument :
MSVOA_D
ClientSampleId :
RT3054

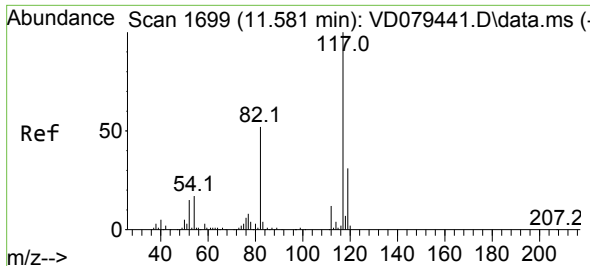
Tgt Ion: 98 Resp: 380871
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.895 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Tgt Ion: 95 Resp: 104771
Ion Ratio Lower Upper
95 100
174 93.9 0.0 195.4
176 91.4 0.0 192.6

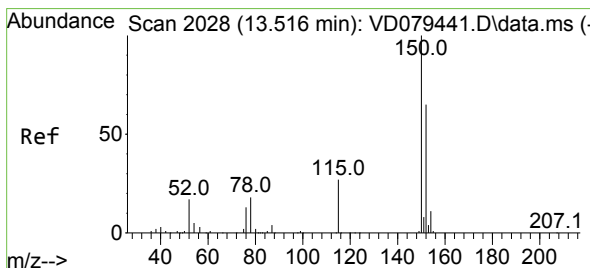
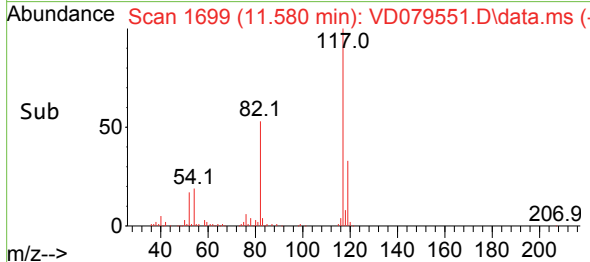
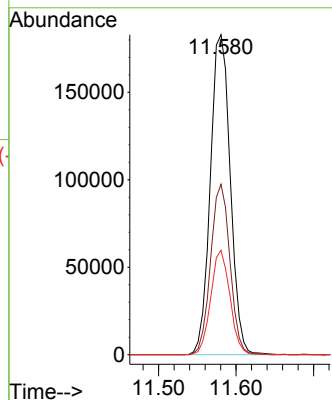
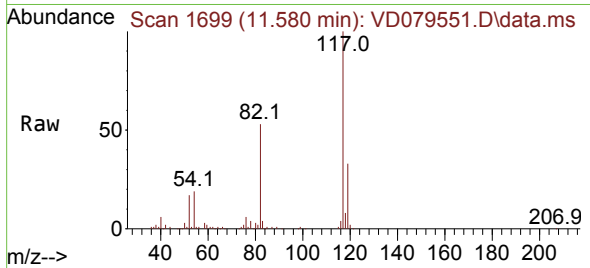




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Instrument :
MSVOA_D
ClientSampleId :
RT3054

Tgt Ion:117 Resp: 327675
Ion Ratio Lower Upper
117 100
82 53.3 39.8 59.6
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.005 min
Lab File: VD079551.D
Acq: 02 Aug 2024 19:21

Tgt Ion:152 Resp: 148397
Ion Ratio Lower Upper
152 100
115 54.1 26.5 79.5
150 154.7 0.0 341.6

