

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074980.D
 Acq On : 17 Nov 2022 20:00
 Operator : VA/SY
 Sample : N5678-09
 Misc : 7.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 250FB-BP-BACKFILL-05

Quant Time: Nov 17 22:37:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	126908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	238109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	218324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63967	79.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.660%
35) Dibromofluoromethane	7.810	113	81943	55.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.660%
50) Toluene-d8	10.275	98	292381	60.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.940%
62) 4-Bromofluorobenzene	12.575	95	81758	55.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.140%

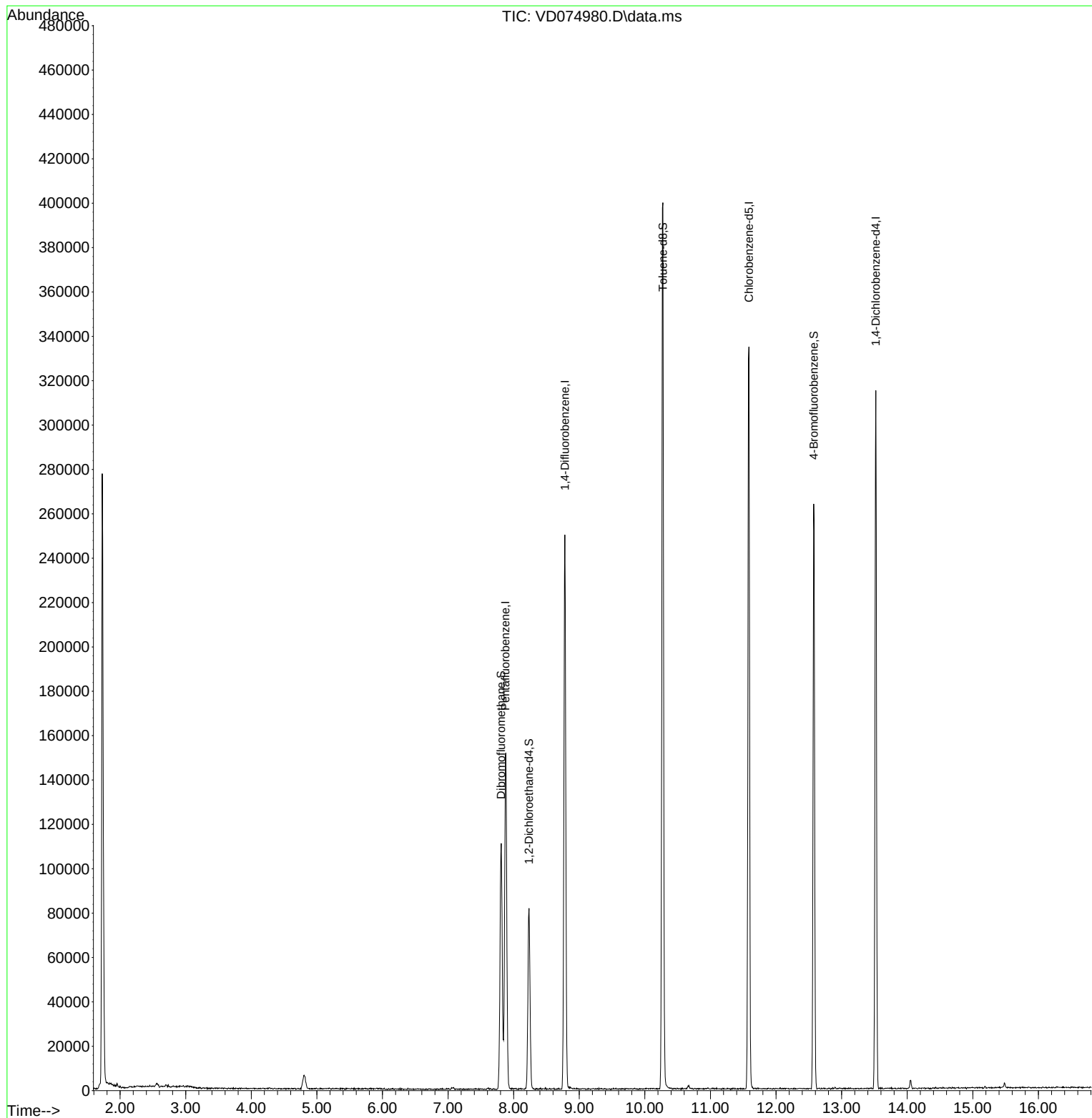
Target Compounds	Qvalue

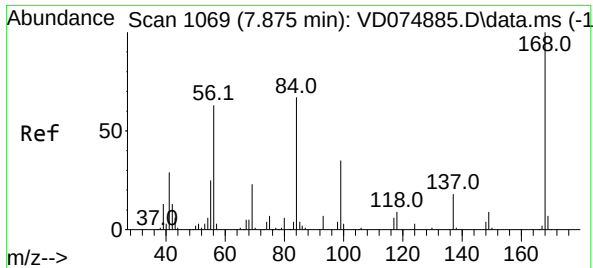
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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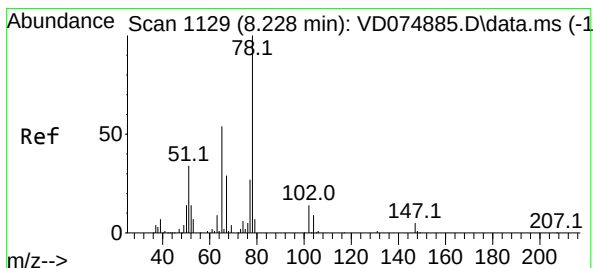
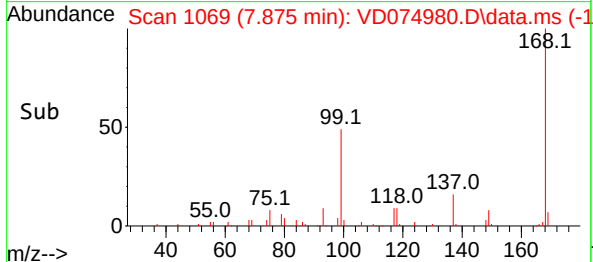
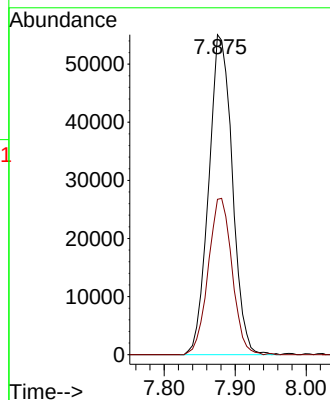
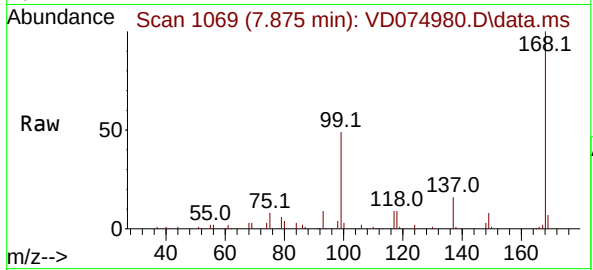




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074980.D
Acq: 17 Nov 2022 20:00

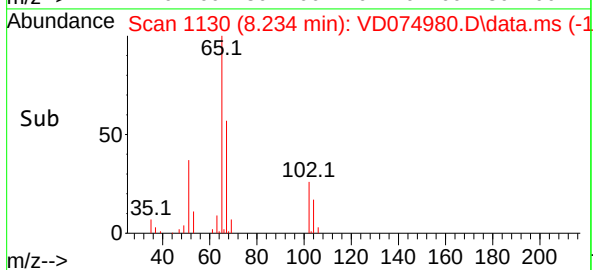
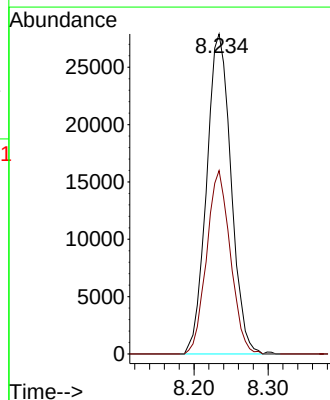
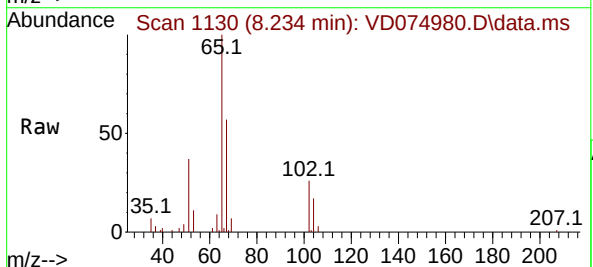
Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-05

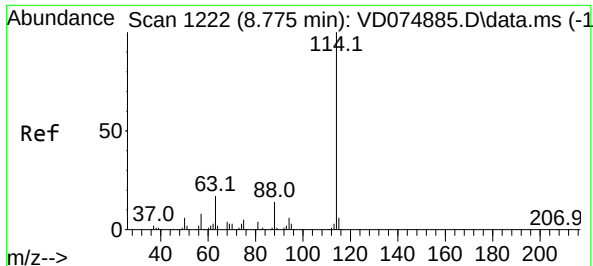
Tgt Ion:168 Resp: 126908
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 79.333 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074980.D
Acq: 17 Nov 2022 20:00

Tgt Ion: 65 Resp: 63967
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074980.D

Acq: 17 Nov 2022 20:00

Instrument :

MSVOA_D

ClientSampleId :

250FB-BP-BACKFILL-05

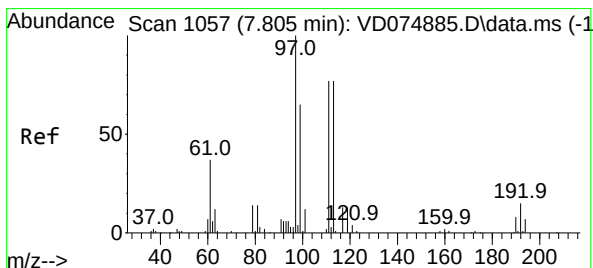
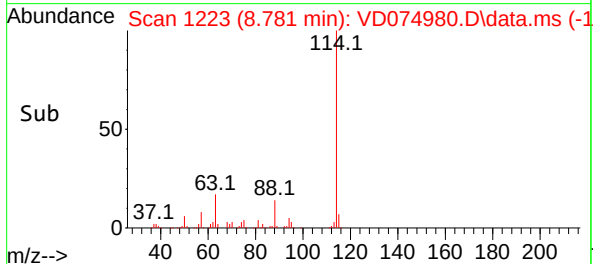
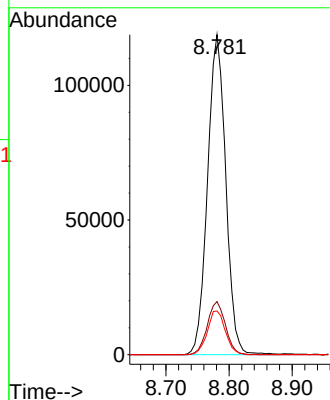
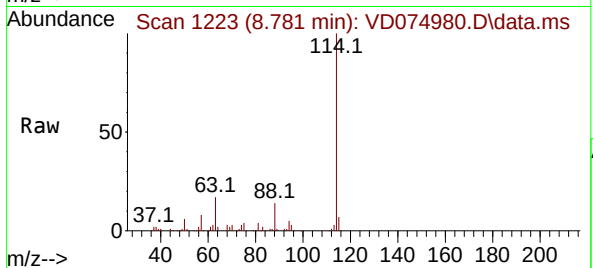
Tgt Ion:114 Resp: 238109

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.828 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074980.D

Acq: 17 Nov 2022 20:00

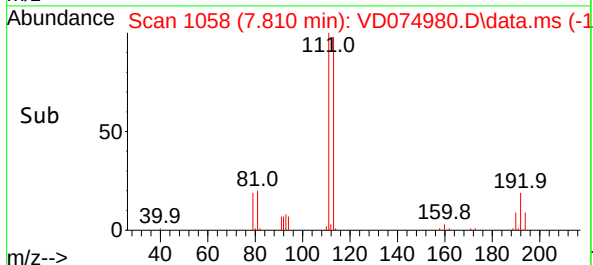
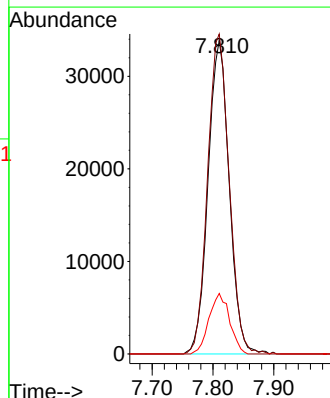
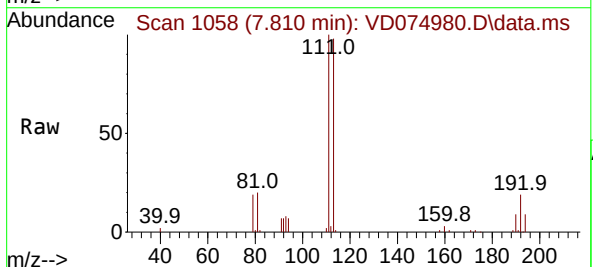
Tgt Ion:113 Resp: 81943

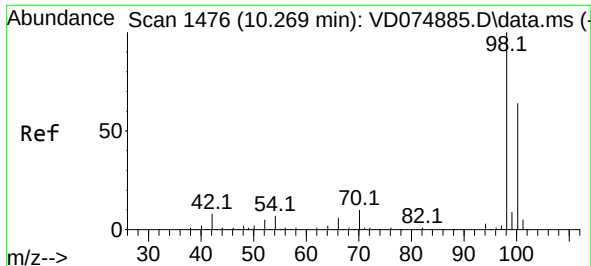
Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 18.8 16.4 24.6

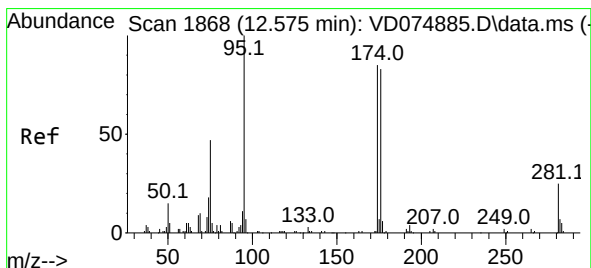
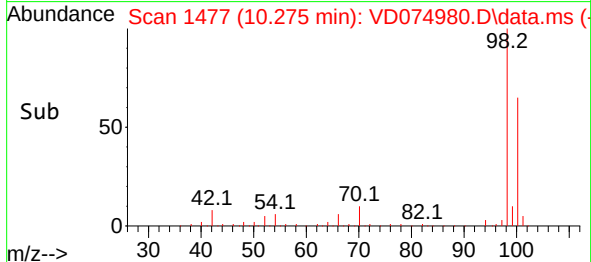
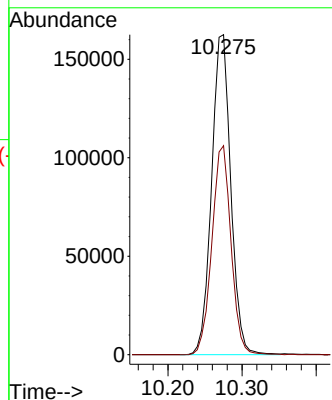
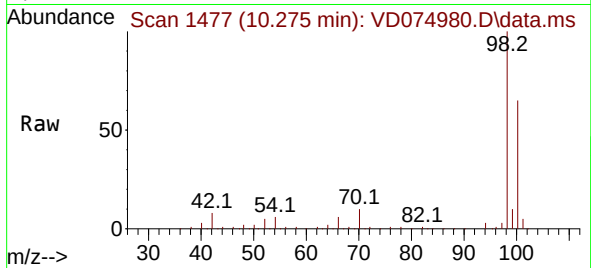




#50
Toluene-d8
Concen: 60.473 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074980.D
Acq: 17 Nov 2022 20:00

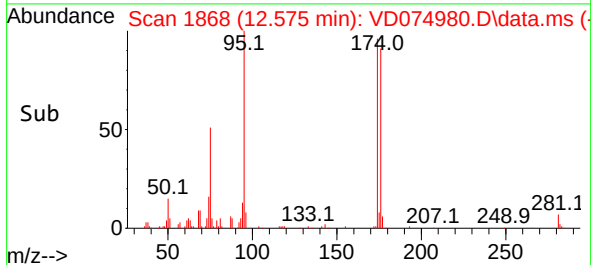
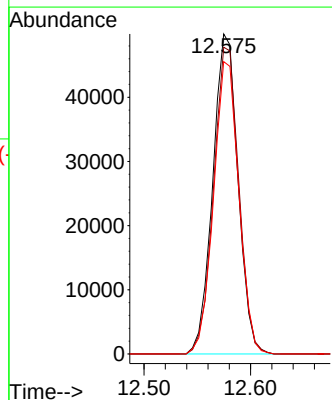
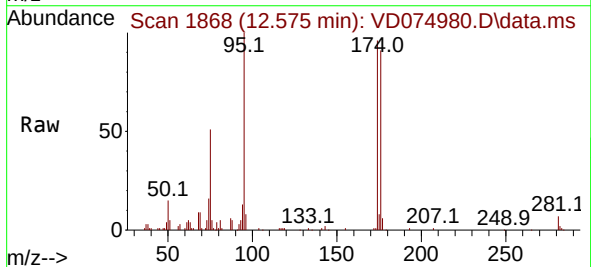
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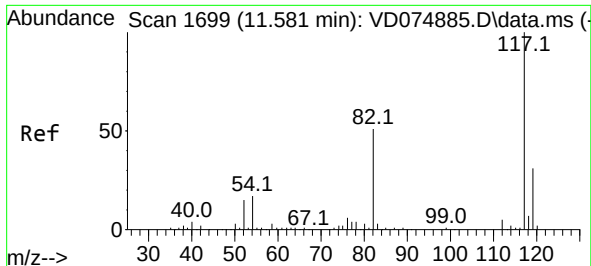
Tgt Ion: 98 Resp: 292381
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.069 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074980.D
Acq: 17 Nov 2022 20:00

Tgt Ion: 95 Resp: 81758
Ion Ratio Lower Upper
95 100
174 96.2 0.0 197.0
176 91.6 0.0 182.6

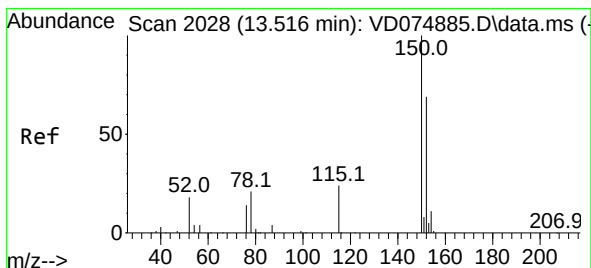
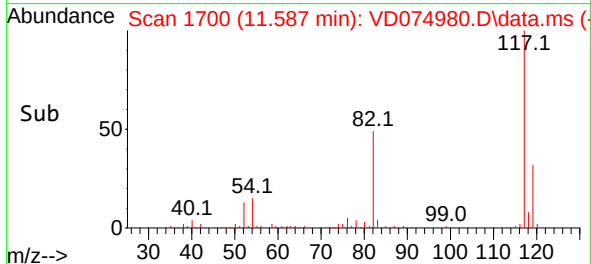
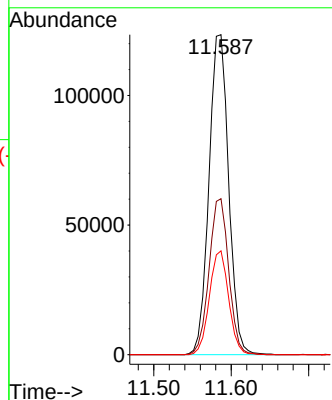
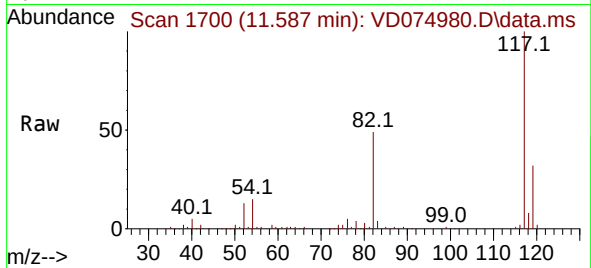




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074980.D
Acq: 17 Nov 2022 20:00

Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-05

Tgt Ion:117 Resp: 218324
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074980.D
Acq: 17 Nov 2022 20:00

Tgt Ion:152 Resp: 90500
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 157.3 0.0 348.2

