

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074981.D
 Acq On : 17 Nov 2022 20:28
 Operator : VA/SY
 Sample : N5678-11
 Misc : 7.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 250FB-BP-BACKFILL-06

Quant Time: Nov 17 22:37:52 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	7.881	168	124592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	232834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	211403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	89935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65273	82.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.440%#
35) Dibromofluoromethane	7.811	113	82633	57.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.140%
50) Toluene-d8	10.269	98	297246	62.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.740%
62) 4-Bromofluorobenzene	12.575	95	83987	57.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.700%

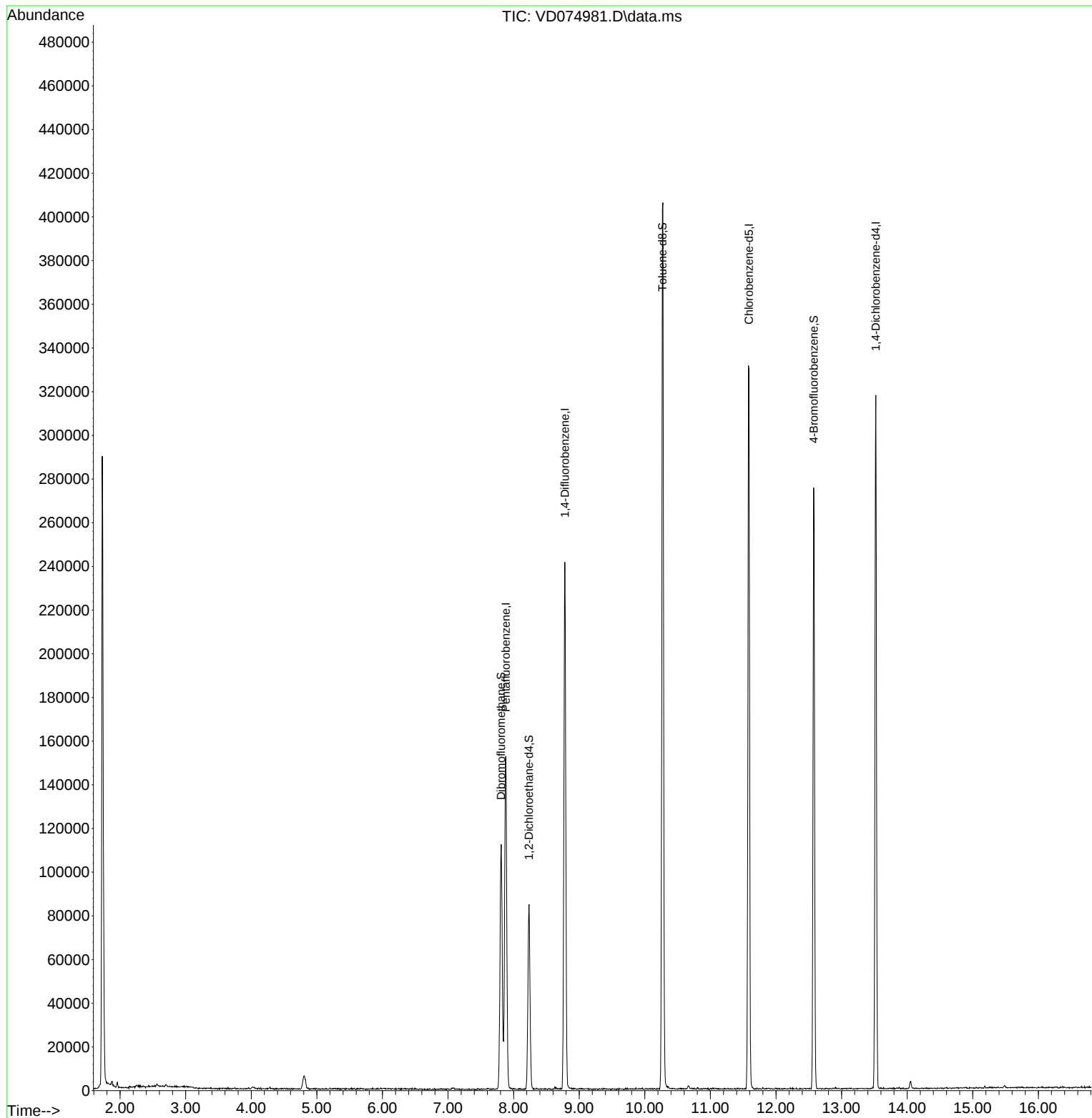
Target Compounds	Qvalue

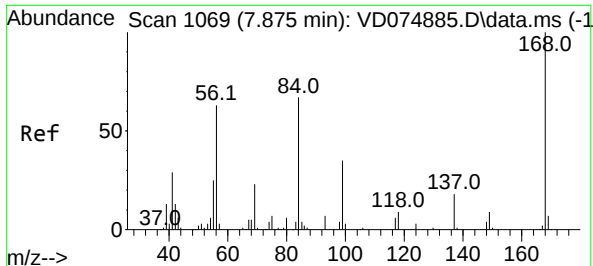
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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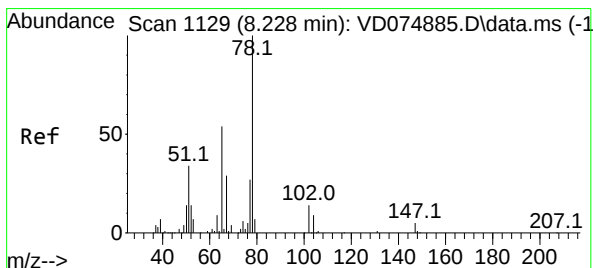
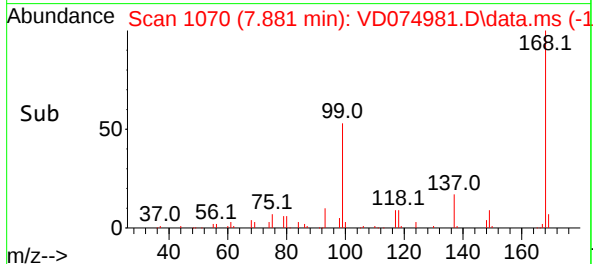
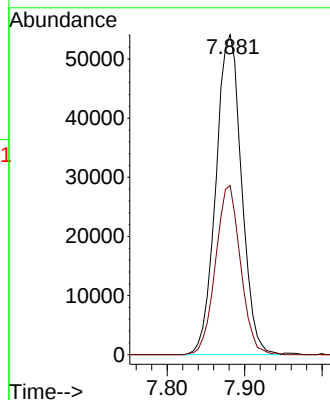
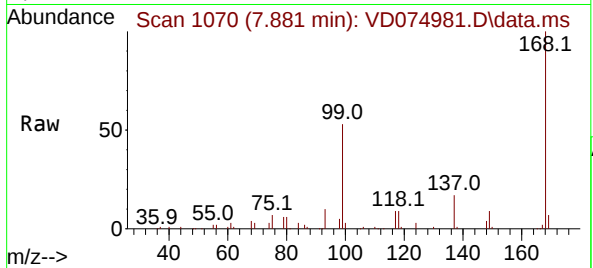




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074981.D
Acq: 17 Nov 2022 20:28

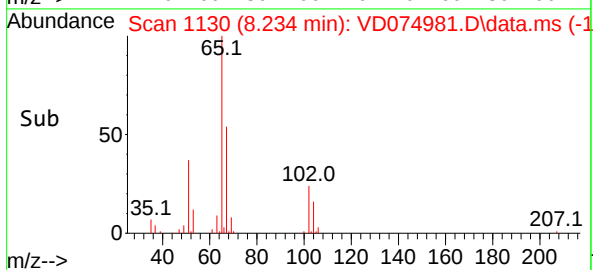
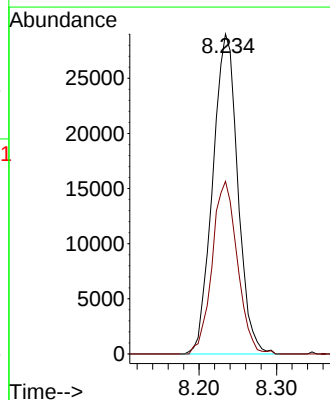
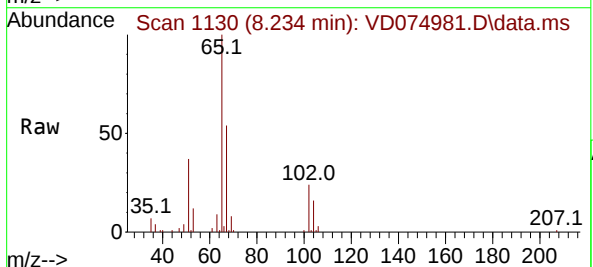
Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-06

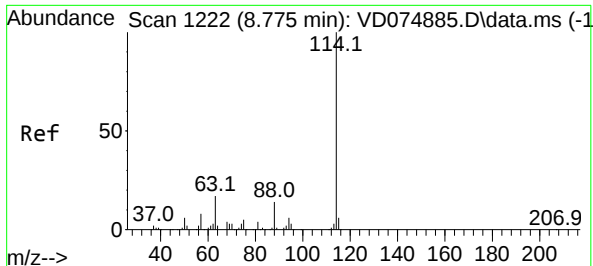
Tgt Ion:168 Resp: 124592
Ion Ratio Lower Upper
168 100
99 52.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 82.722 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074981.D
Acq: 17 Nov 2022 20:28

Tgt Ion: 65 Resp: 65273
Ion Ratio Lower Upper
65 100
67 54.2 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: VD074981.D

Acq: 17 Nov 2022 20:28

Instrument :

MSVOA_D

ClientSampleId :

250FB-BP-BACKFILL-06

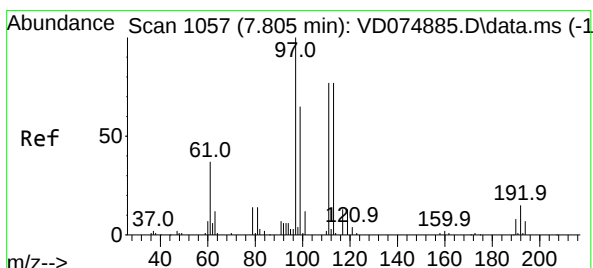
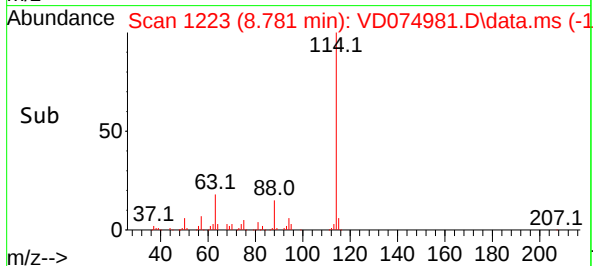
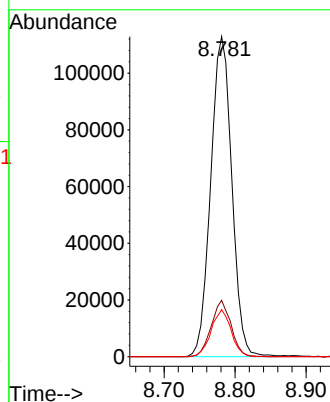
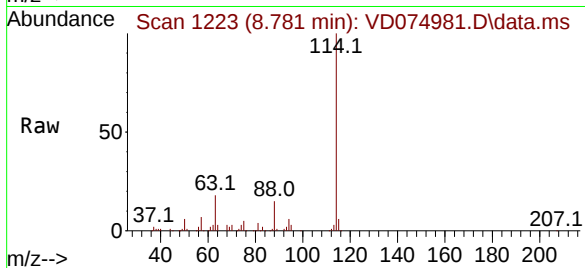
Tgt Ion:114 Resp: 232834

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.2

88 14.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.574 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074981.D

Acq: 17 Nov 2022 20:28

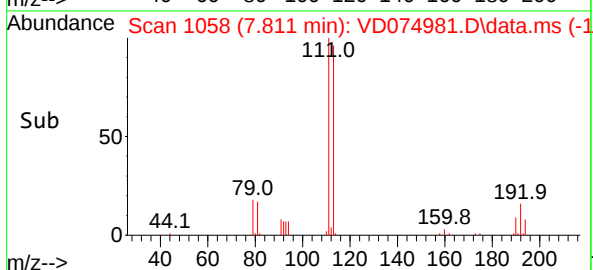
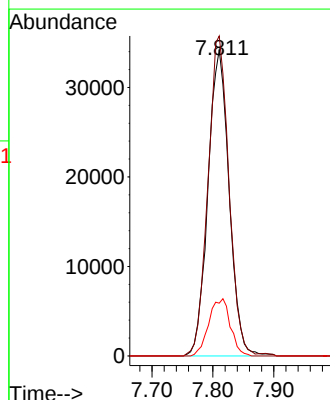
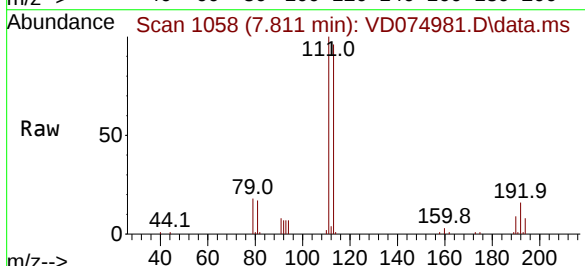
Tgt Ion:113 Resp: 82633

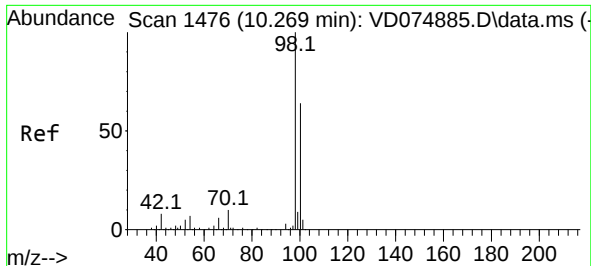
Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 19.1 16.4 24.6

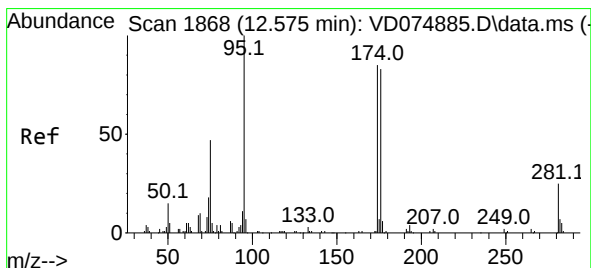
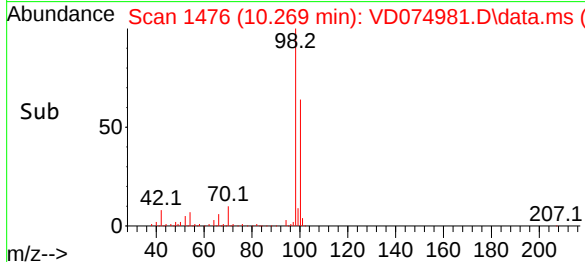
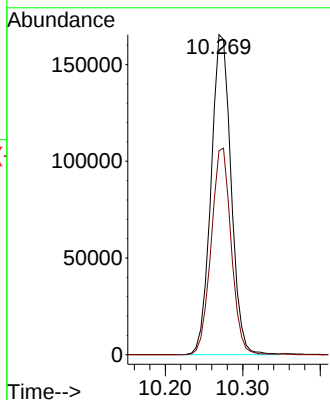
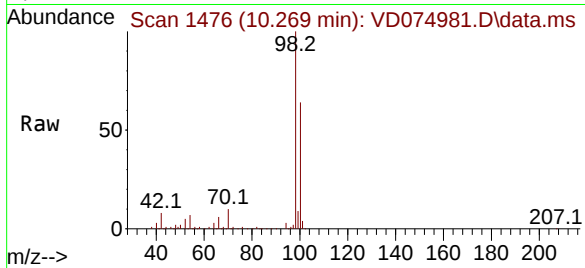




#50
Toluene-d8
Concen: 62.872 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074981.D
Acq: 17 Nov 2022 20:28

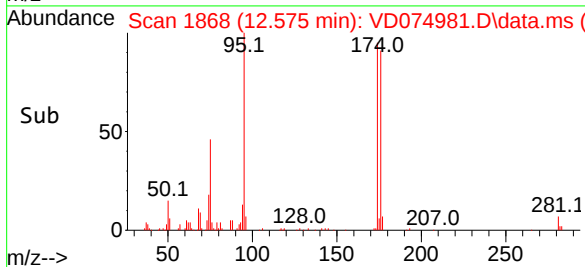
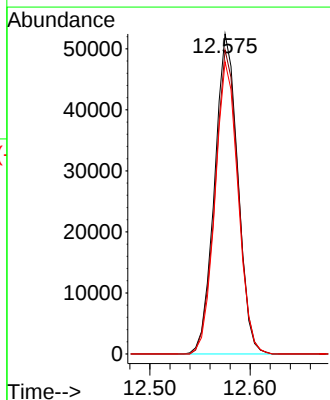
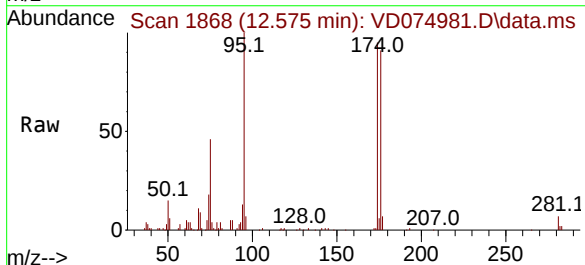
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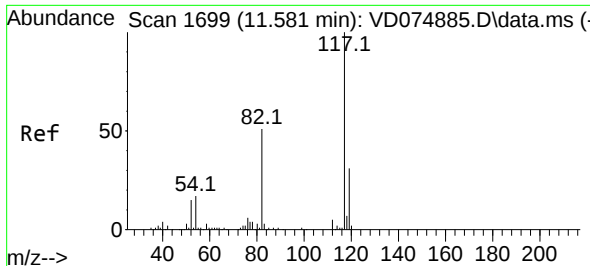
Tgt Ion: 98 Resp: 297246
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 57.852 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074981.D
Acq: 17 Nov 2022 20:28

Tgt Ion: 95 Resp: 83987
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.0
176 90.6 0.0 182.6

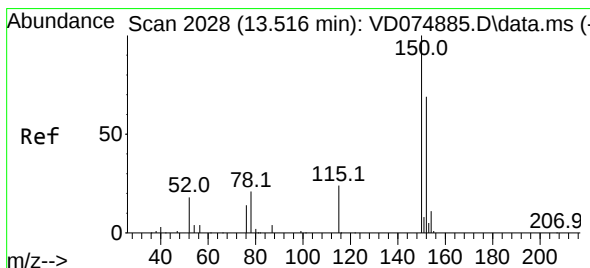
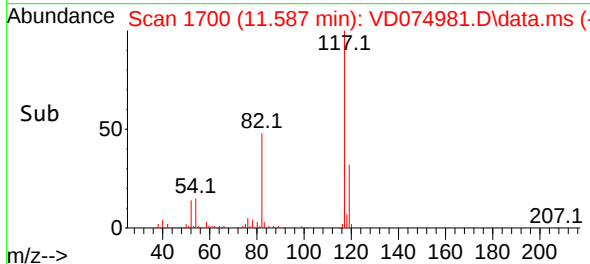
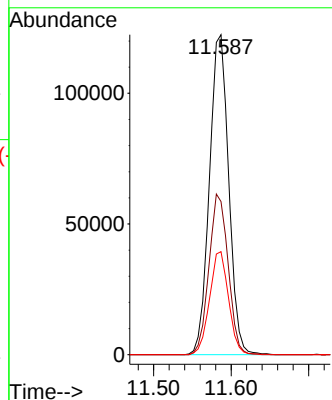
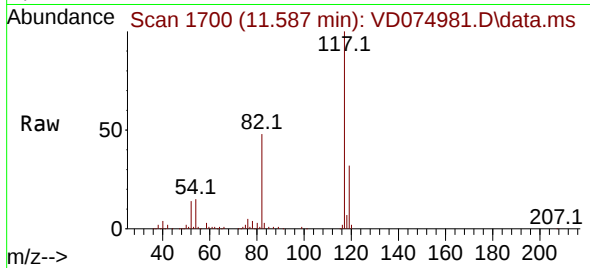




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074981.D
Acq: 17 Nov 2022 20:28

Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-06

Tgt Ion:117 Resp: 211403
Ion Ratio Lower Upper
117 100
82 47.9 41.6 62.4
119 32.2 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: VD074981.D
Acq: 17 Nov 2022 20:28

Tgt Ion:152 Resp: 89935
Ion Ratio Lower Upper
152 100
115 57.3 26.8 80.4
150 161.9 0.0 348.2

