

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075602.D
 Acq On : 07 Apr 2023 15:47
 Operator : KP/SY
 Sample : 02209-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124055

Quant Time: Apr 10 02:06:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	144646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	258716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	230850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	82743	63.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.080%
35) Dibromofluoromethane	7.810	113	106925	60.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.680%
50) Toluene-d8	10.269	98	382575	54.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.300%
62) 4-Bromofluorobenzene	12.575	95	95434	47.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.320%

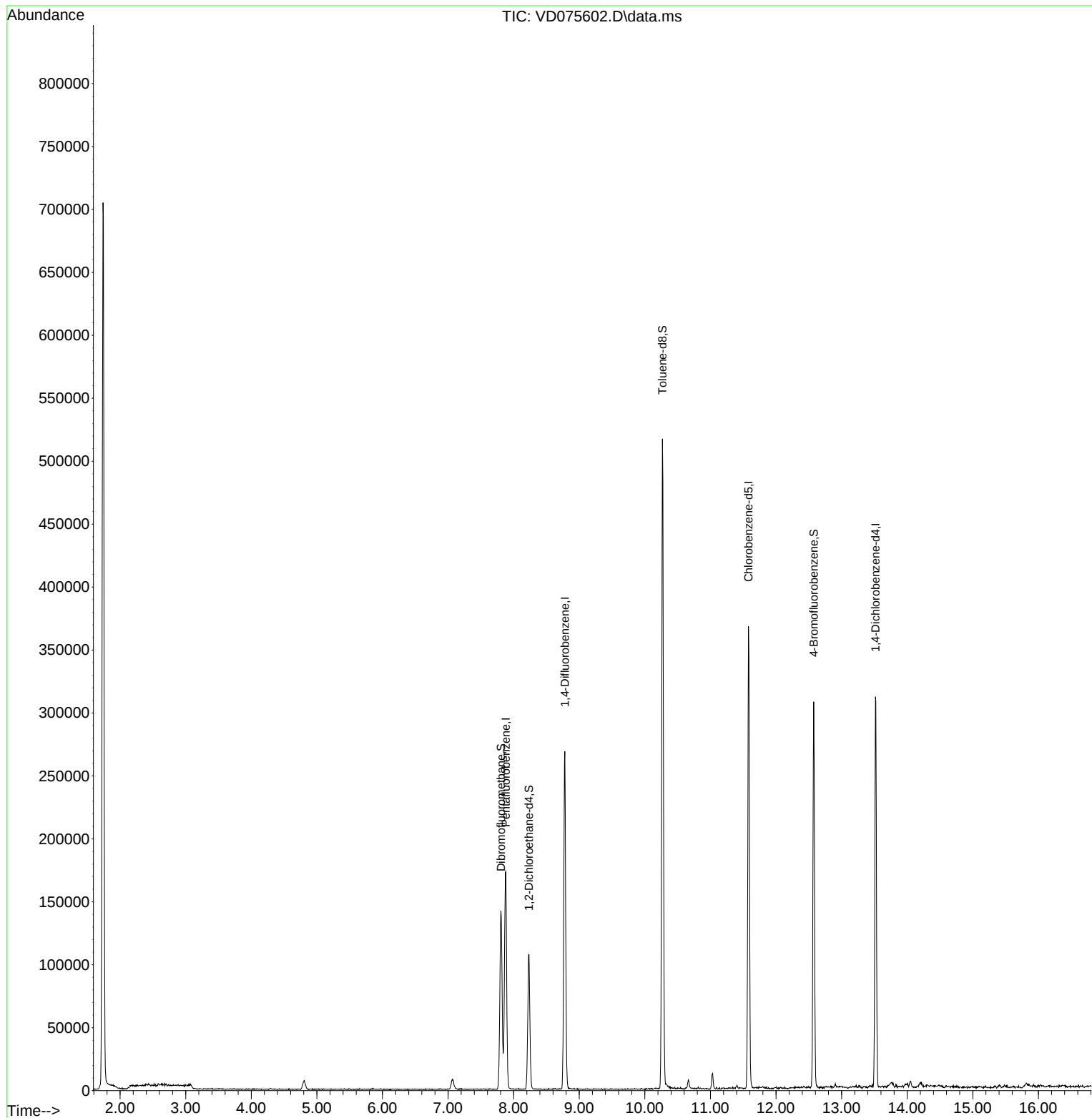
Target Compounds	Qvalue

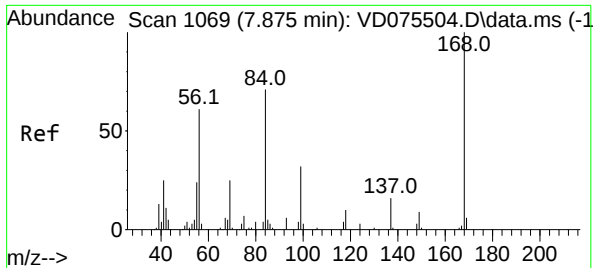
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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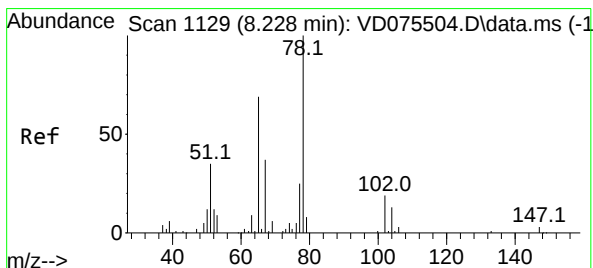
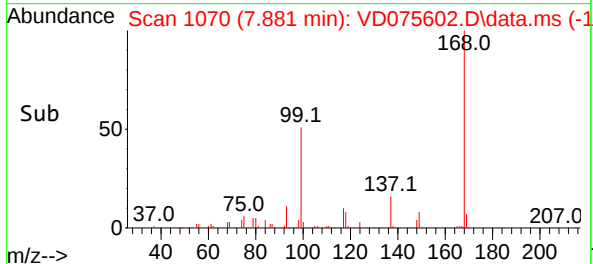
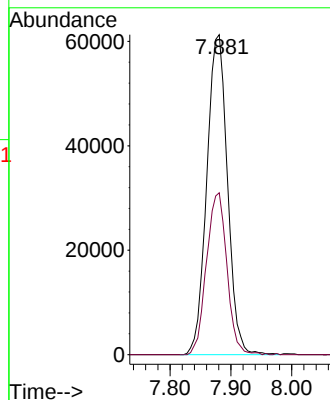
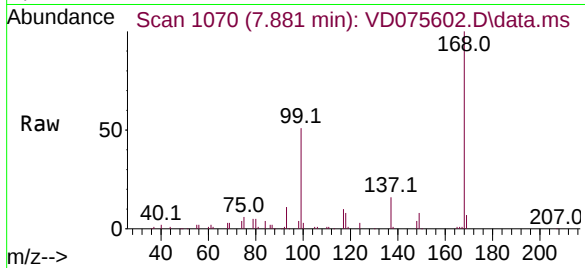




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075602.D
Acq: 07 Apr 2023 15:47

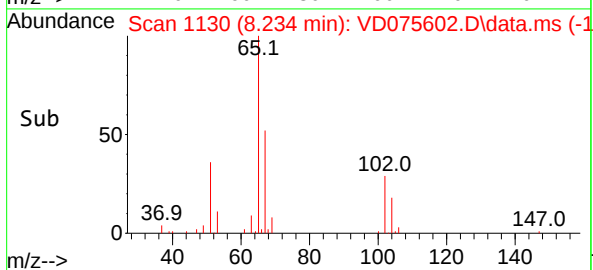
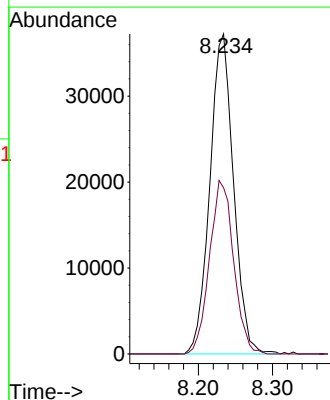
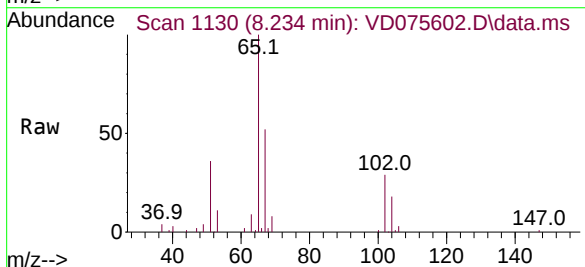
Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

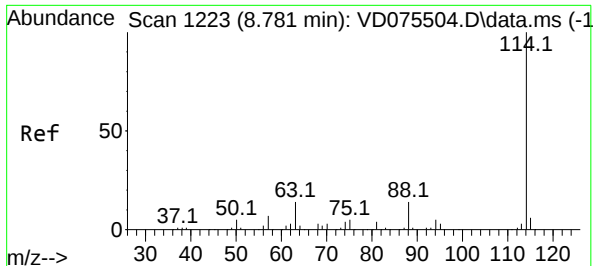
Tgt Ion:168 Resp: 144646
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 63.043 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075602.D
Acq: 07 Apr 2023 15:47

Tgt Ion: 65 Resp: 82743
Ion Ratio Lower Upper
65 100
67 55.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075602.D

Acq: 07 Apr 2023 15:47

Instrument :

MSVOA_D

ClientSampleId :

PSC-124055

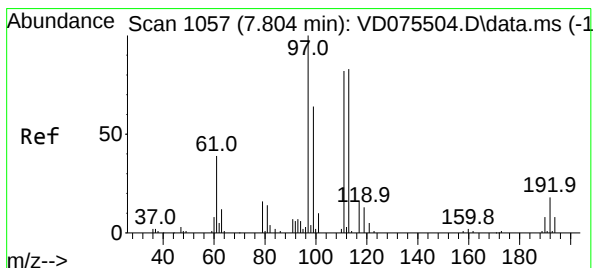
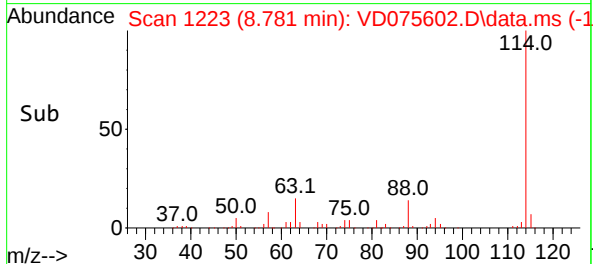
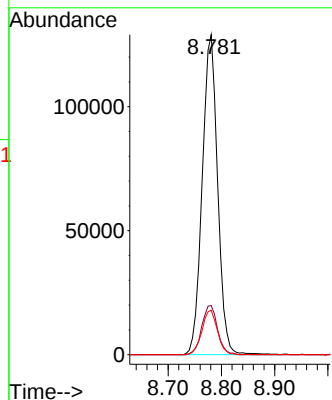
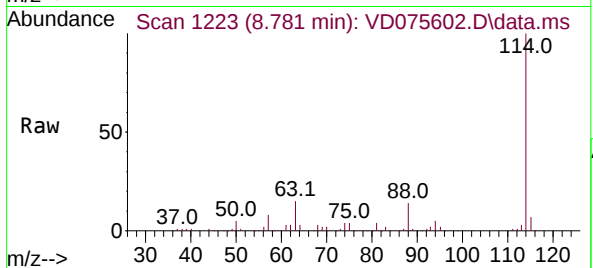
Tgt Ion:114 Resp: 258716

Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 60.343 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075602.D

Acq: 07 Apr 2023 15:47

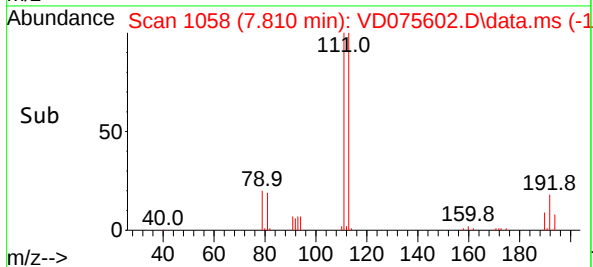
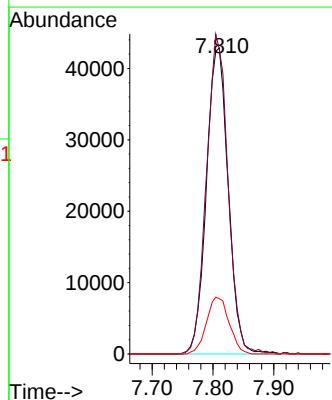
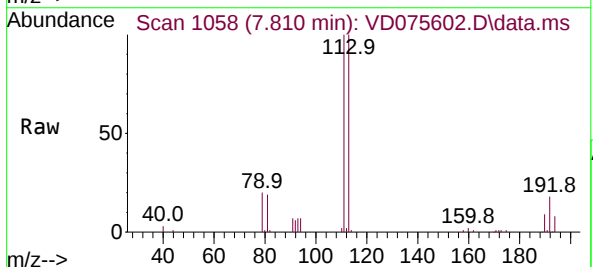
Tgt Ion:113 Resp: 106925

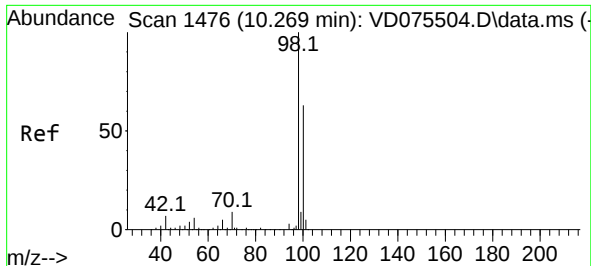
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.2 15.2 22.8

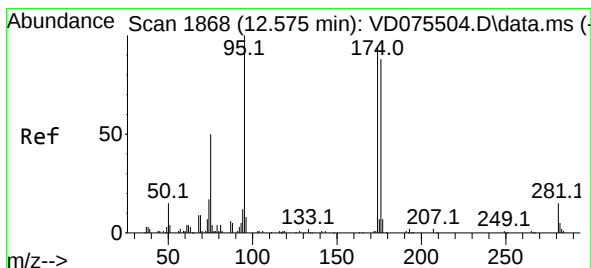
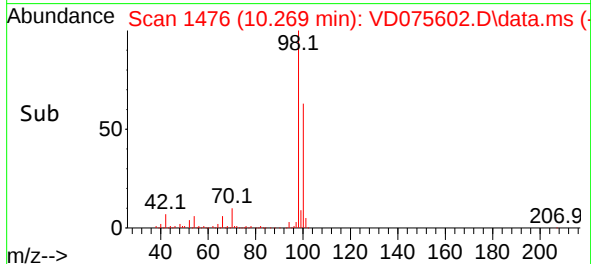
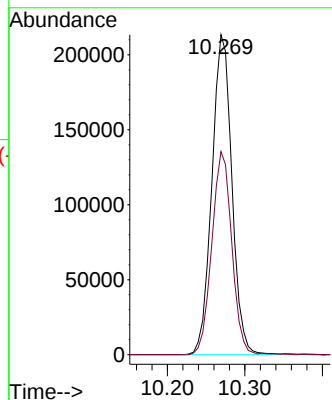
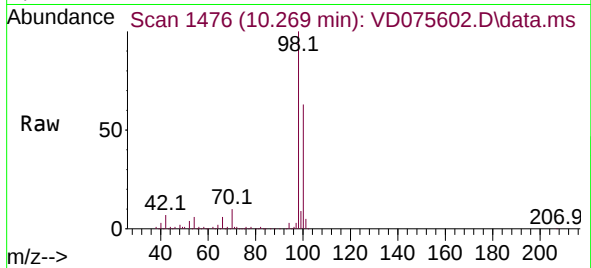




#50
Toluene-d8
Concen: 54.654 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075602.D
Acq: 07 Apr 2023 15:47

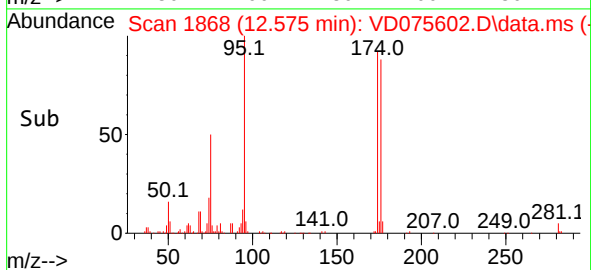
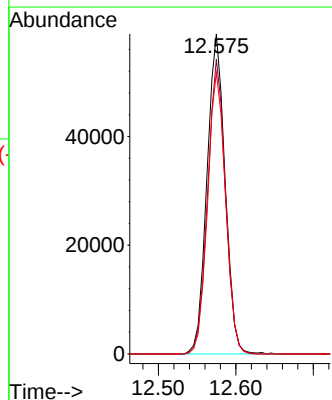
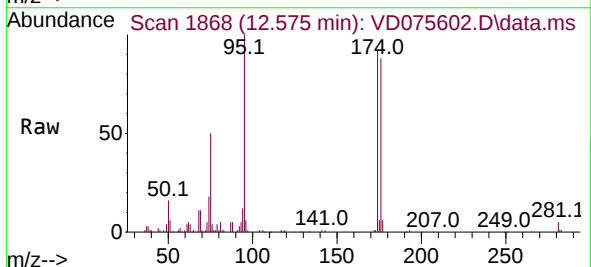
Instrument :
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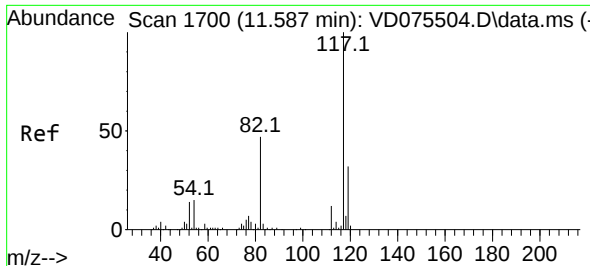
Tgt Ion: 98 Resp: 382575
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.161 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075602.D
Acq: 07 Apr 2023 15:47

Tgt Ion: 95 Resp: 95434
Ion Ratio Lower Upper
95 100
174 90.2 0.0 164.0
176 87.4 0.0 156.8

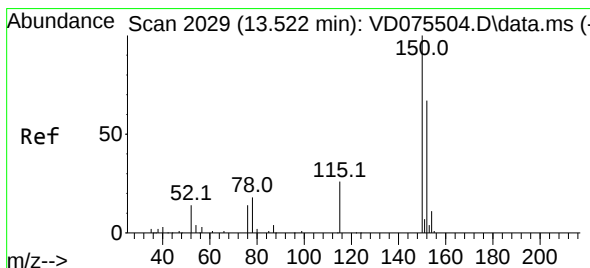
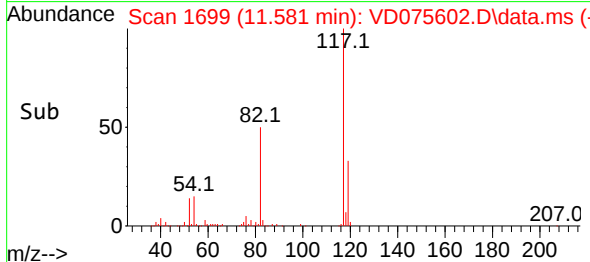
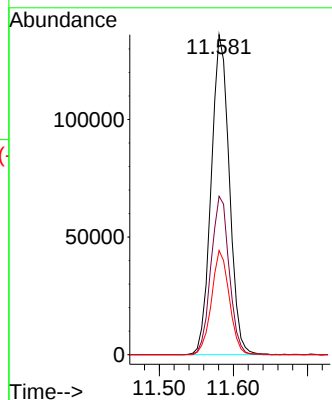
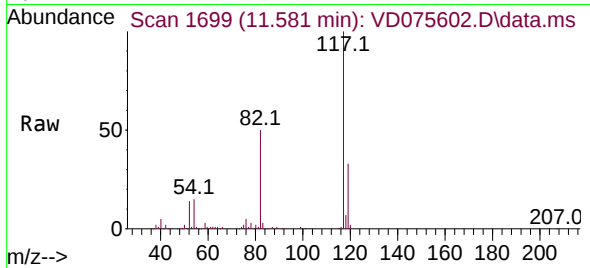




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075602.D
Acq: 07 Apr 2023 15:47

Instrument :
MSVOA_D
ClientSampleId :
PSC-124055

Tgt Ion:117 Resp: 230850
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075602.D
Acq: 07 Apr 2023 15:47

Tgt Ion:152 Resp: 92360
Ion Ratio Lower Upper
152 100
115 55.6 30.1 90.3
150 152.5 0.0 364.8

