

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074898.D
 Acq On : 11 Nov 2022 18:24
 Operator : VA/SY
 Sample : N5531-04RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07RE

Quant Time: Nov 14 00:56:59 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	159697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	285758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80677	79.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.060%
35) Dibromofluoromethane	7.804	113	97272	55.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.440%
50) Toluene-d8	10.269	98	373591	64.385	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.760%
62) 4-Bromofluorobenzene	12.575	95	101216	56.807	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.620%

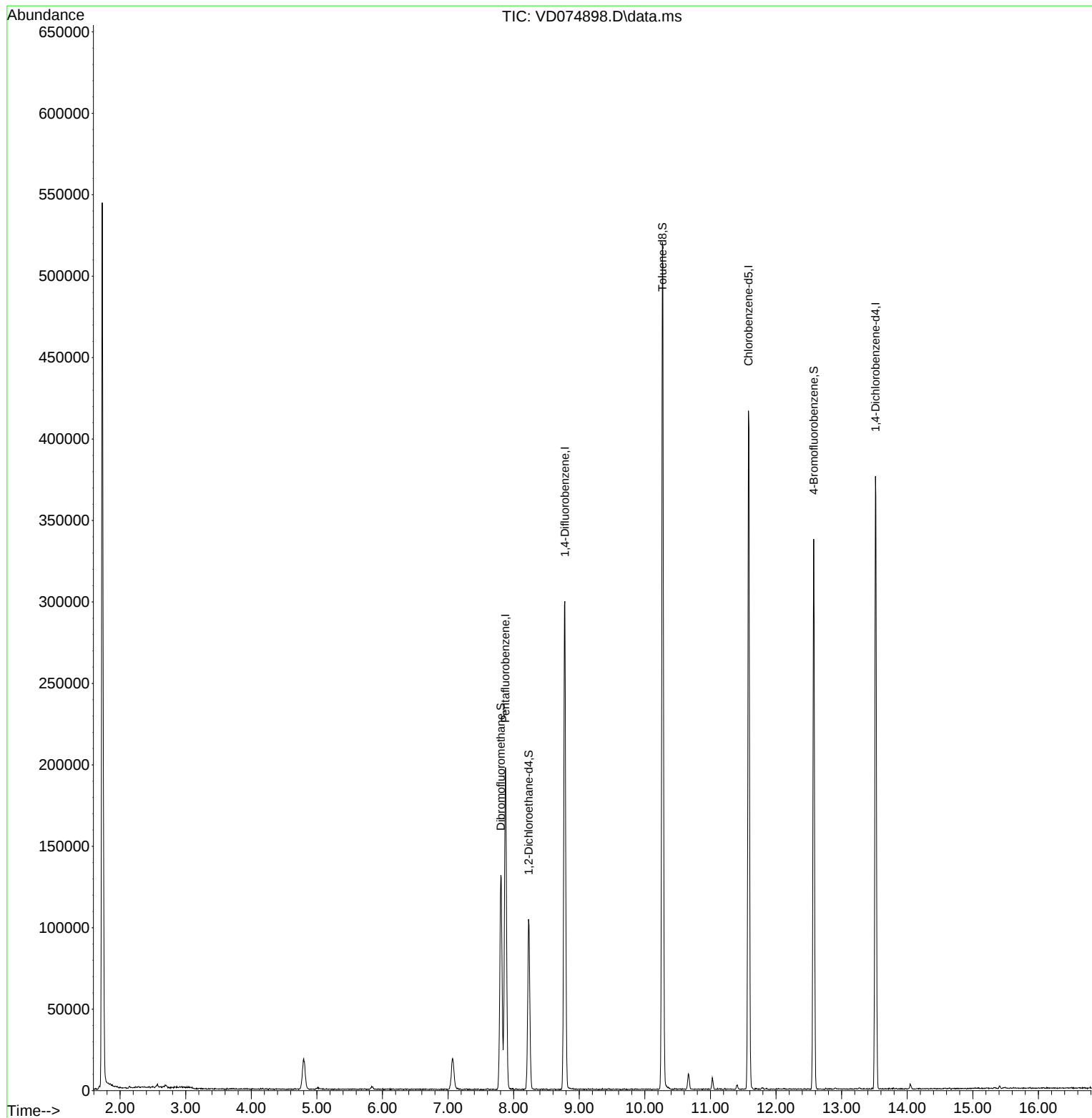
Target Compounds	Qvalue

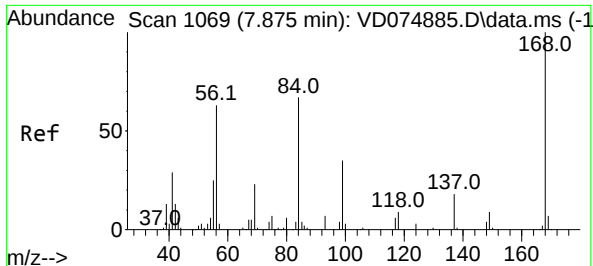
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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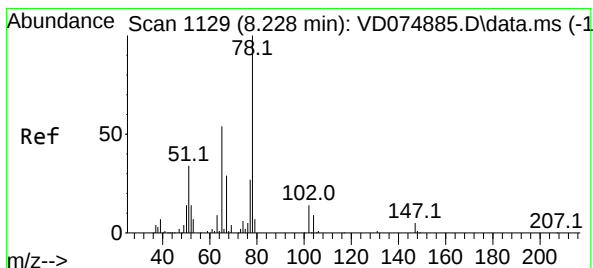
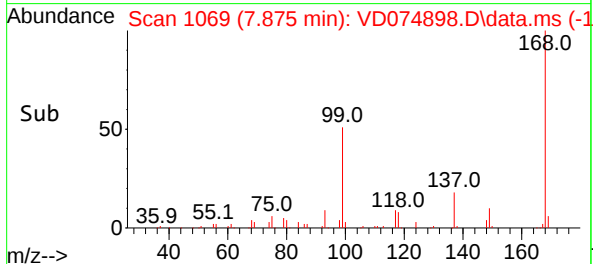
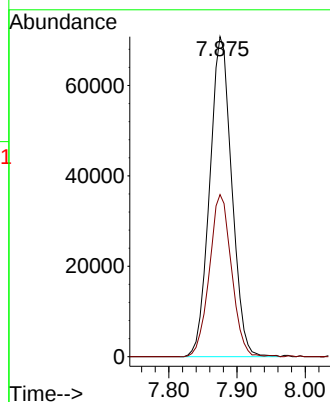
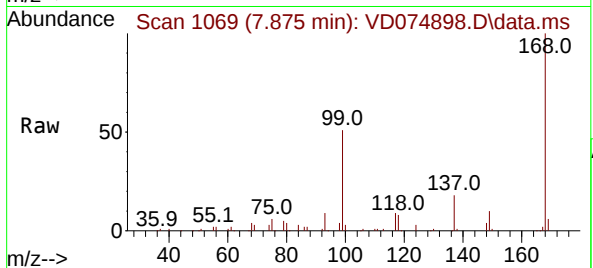




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074898.D
Acq: 11 Nov 2022 18:24

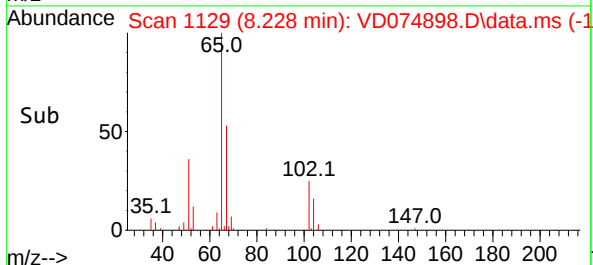
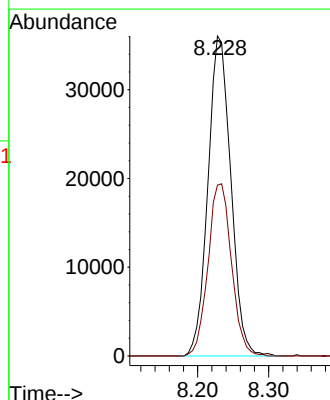
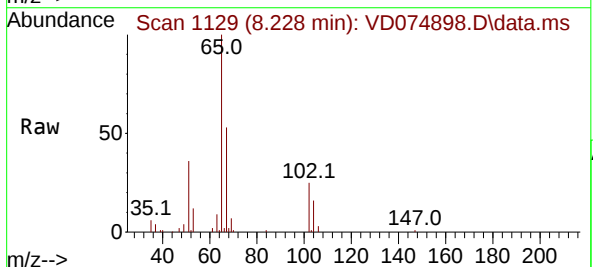
Instrument :
MSVOA_D
ClientSampleId :
SB-07RE

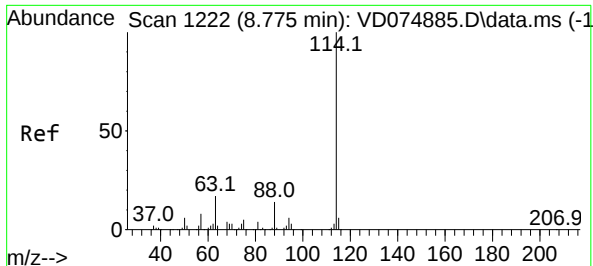
Tgt Ion:168 Resp: 159697
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 79.529 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074898.D
Acq: 11 Nov 2022 18:24

Tgt Ion: 65 Resp: 80677
Ion Ratio Lower Upper
65 100
67 55.1 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: VD074898.D

Acq: 11 Nov 2022 18:24

Instrument :

MSVOA_D

ClientSampleId :

SB-07RE

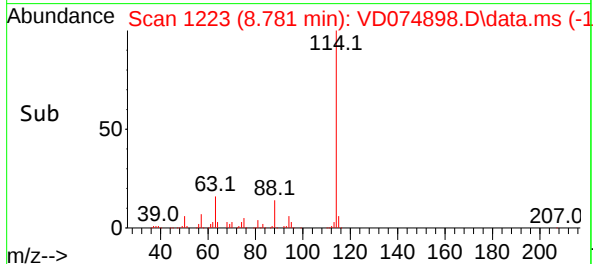
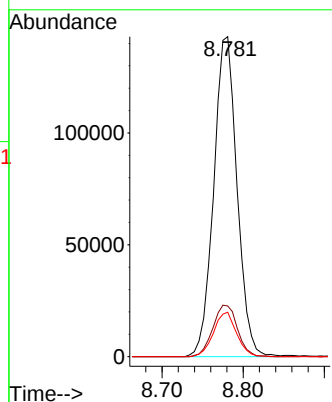
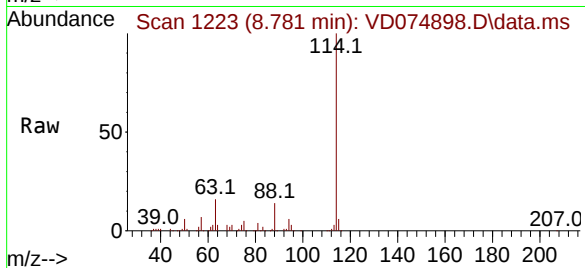
Tgt Ion:114 Resp: 285758

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.221 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074898.D

Acq: 11 Nov 2022 18:24

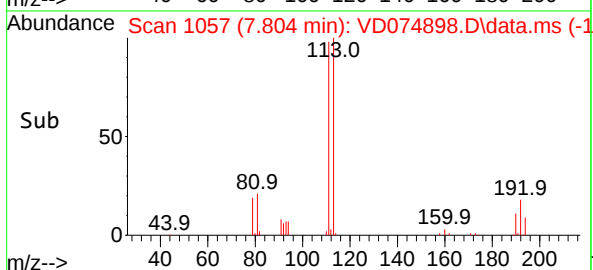
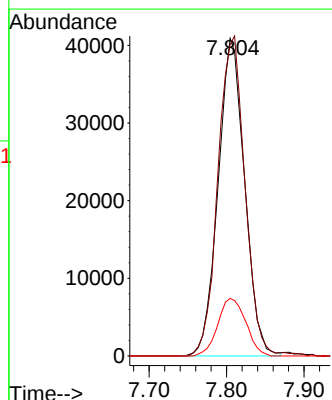
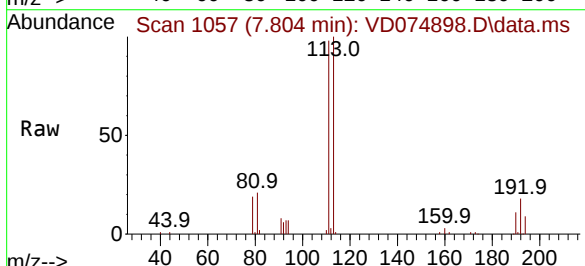
Tgt Ion:113 Resp: 97272

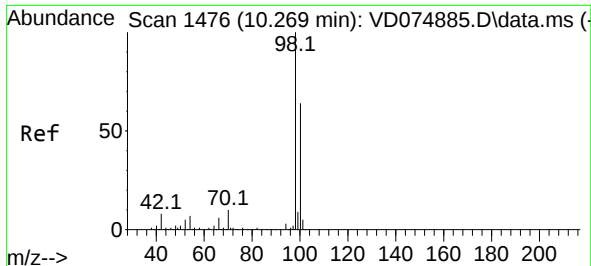
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 19.2 16.4 24.6

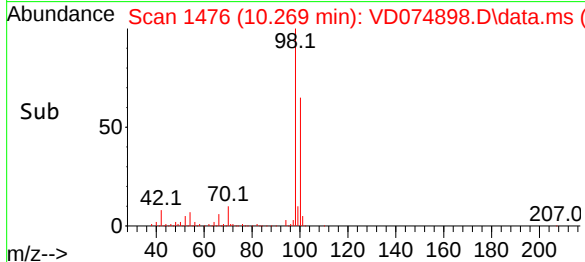
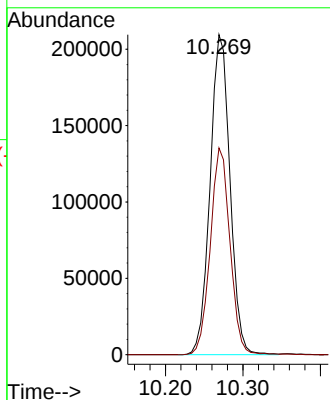
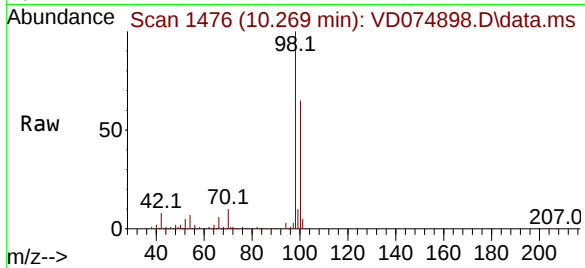




#50
Toluene-d8
Concen: 64.385 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074898.D
Acq: 11 Nov 2022 18:24

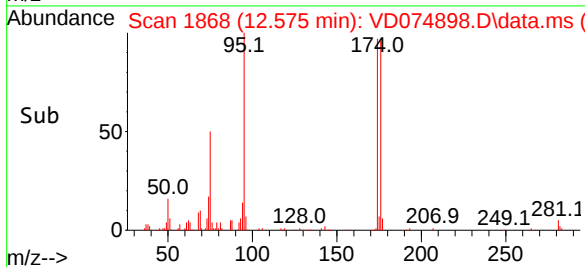
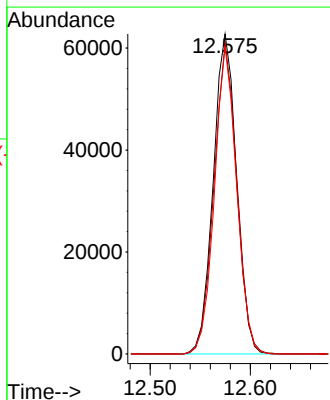
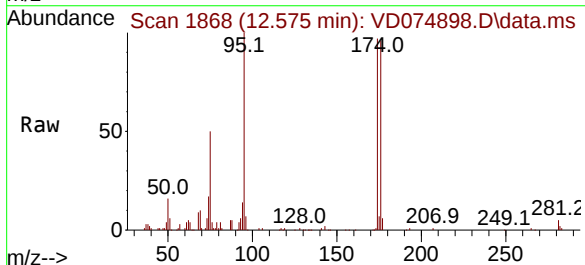
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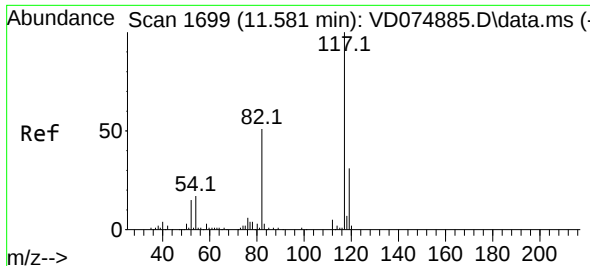
Tgt Ion: 98 Resp: 373591
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.807 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074898.D
Acq: 11 Nov 2022 18:24

Tgt Ion: 95 Resp: 101216
Ion Ratio Lower Upper
95 100
174 95.4 0.0 197.0
176 91.3 0.0 182.6

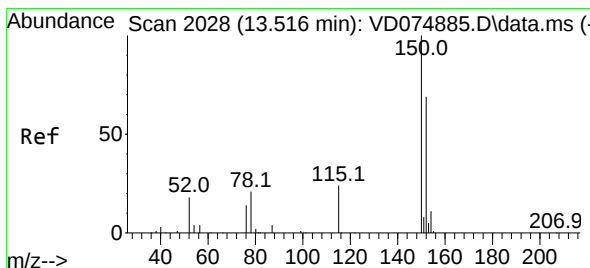
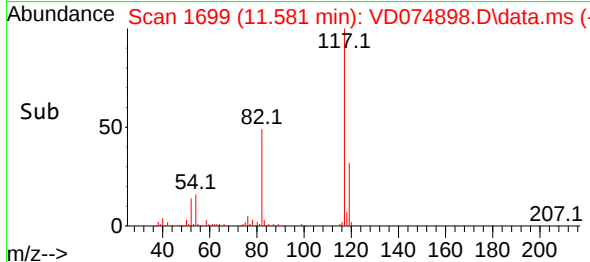
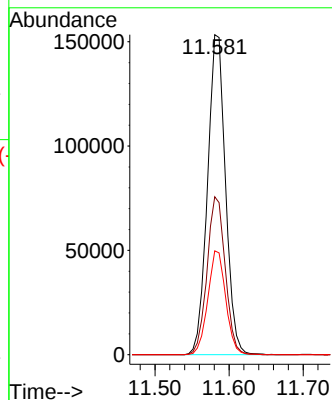
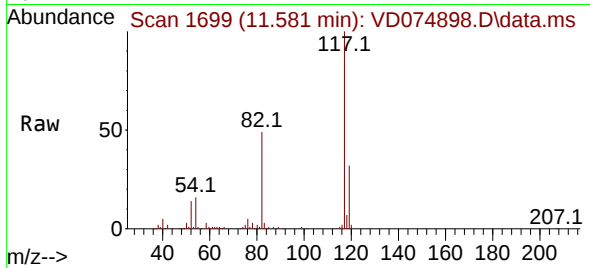




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074898.D
Acq: 11 Nov 2022 18:24

Instrument :
MSVOA_D
ClientSampleId :
SB-07RE

Tgt Ion:117 Resp: 258252
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074898.D
Acq: 11 Nov 2022 18:24

Tgt Ion:152 Resp: 109660
Ion Ratio Lower Upper
152 100
115 54.9 26.8 80.4
150 156.3 0.0 348.2

