

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074761.D
 Acq On : 07 Nov 2022 15:09
 Operator : VA/SY
 Sample : N5494-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18

Quant Time: Nov 08 00:21:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	251	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	1367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	1407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	351	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	384	193.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	386.320%#
35) Dibromofluoromethane	7.804	113	656	81.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	162.240%#
50) Toluene-d8	10.269	98	1552	52.616	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.240%
62) 4-Bromofluorobenzene	12.569	95	391	45.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.820%

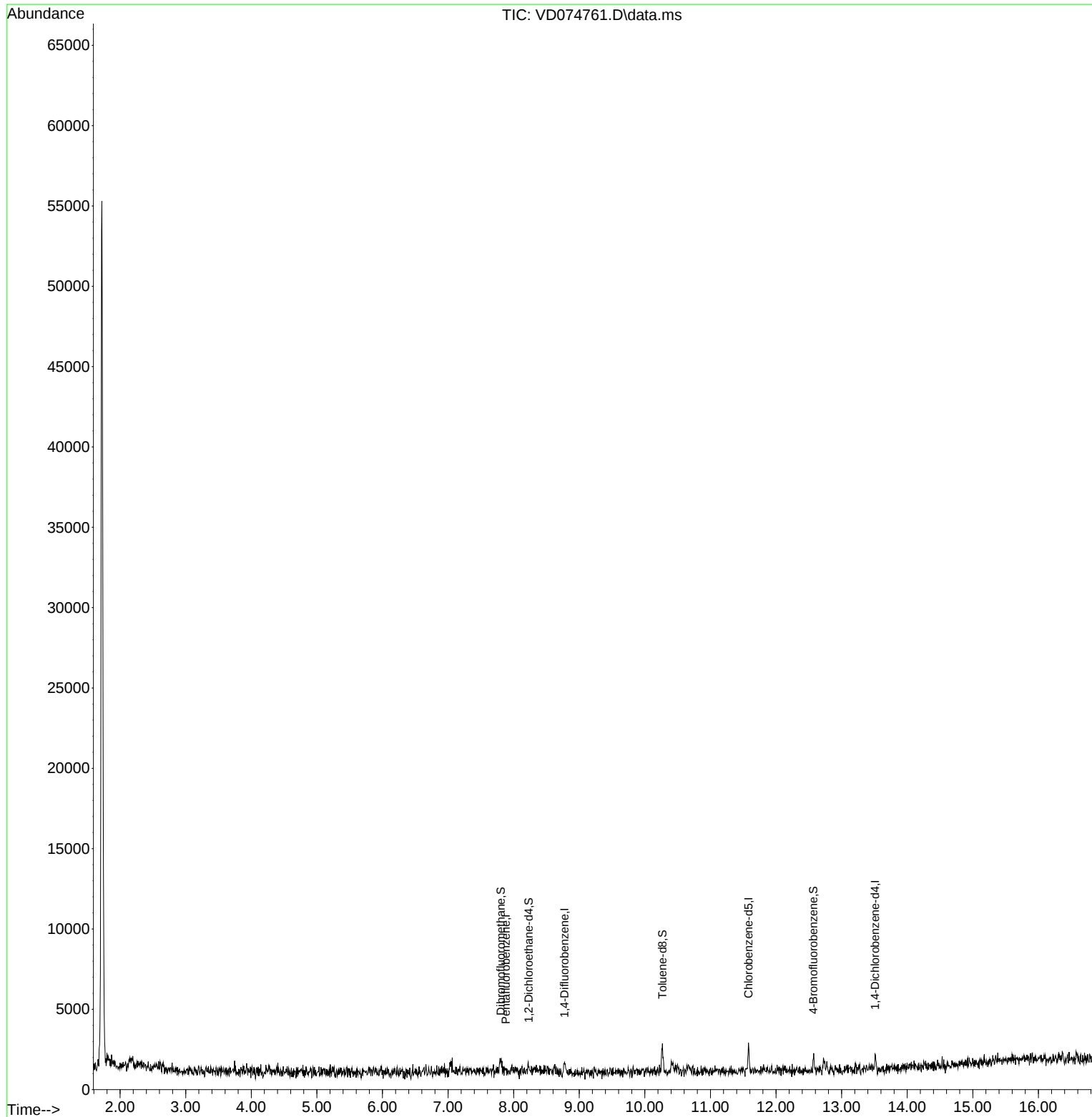
Target Compounds	Qvalue

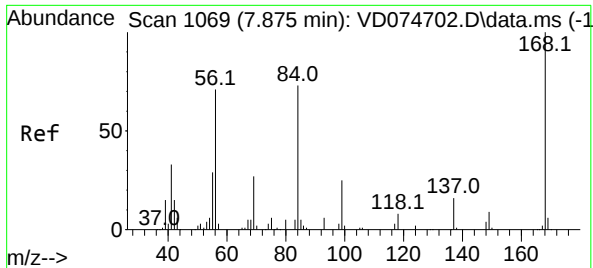
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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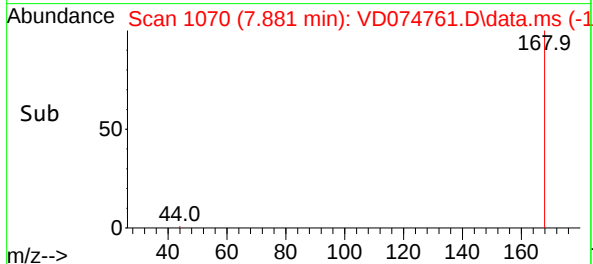
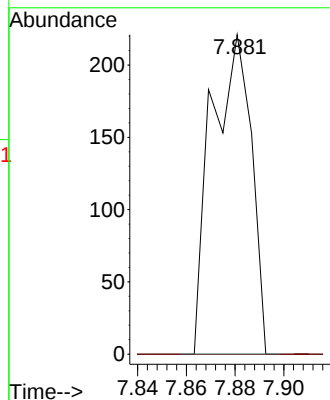
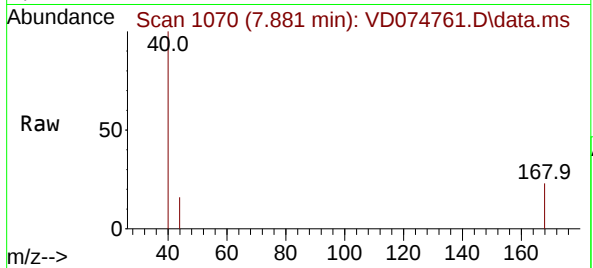




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074761.D
Acq: 07 Nov 2022 15:09

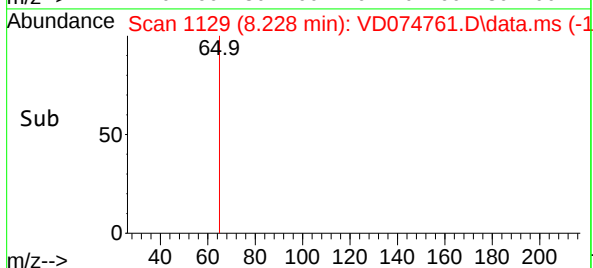
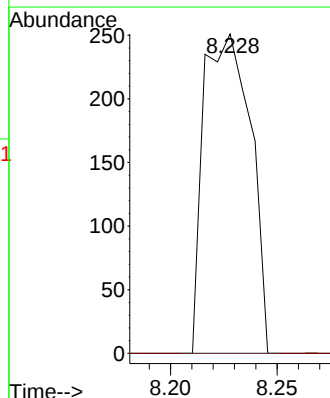
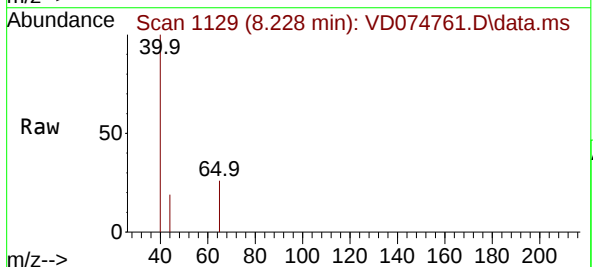
Instrument :
MSVOA_D
ClientSampleId :
SB-18

Tgt Ion:168 Resp: 251
Ion Ratio Lower Upper
168 100
99 0.0 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 193.162 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074761.D
Acq: 07 Nov 2022 15:09

Tgt Ion: 65 Resp: 384
Ion Ratio Lower Upper
65 100
67 0.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074761.D

Acq: 07 Nov 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

SB-18

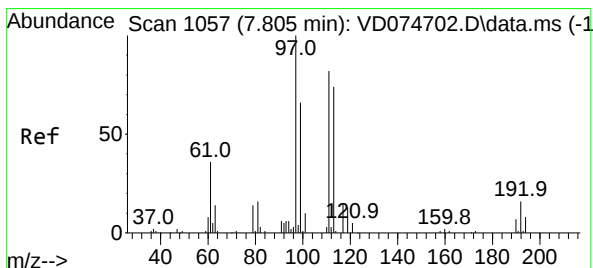
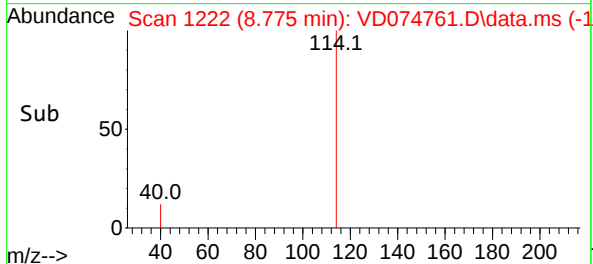
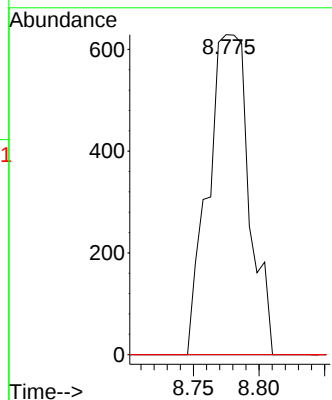
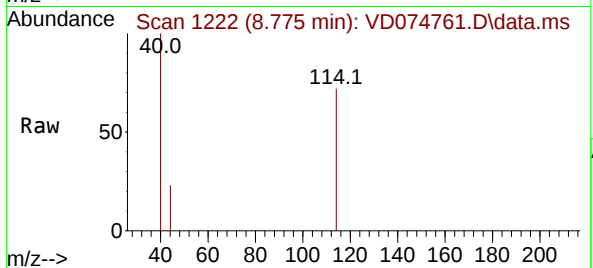
Tgt Ion:114 Resp: 1367

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.2

88 0.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 81.124 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074761.D

Acq: 07 Nov 2022 15:09

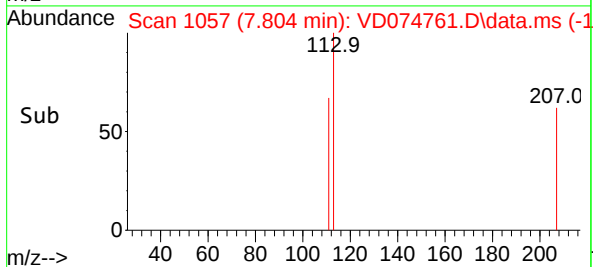
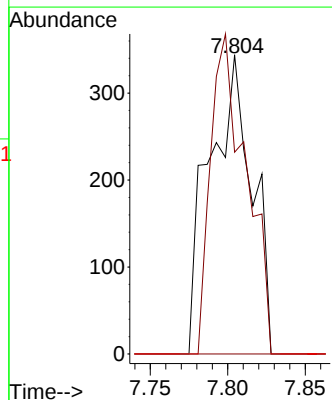
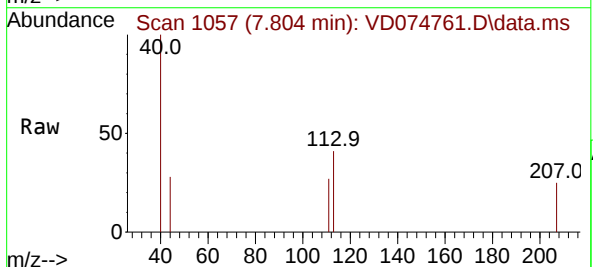
Tgt Ion:113 Resp: 656

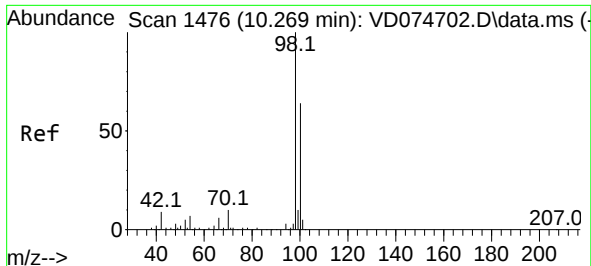
Ion Ratio Lower Upper

113 100

111 89.0 82.3 123.5

192 0.0 16.4 24.6#

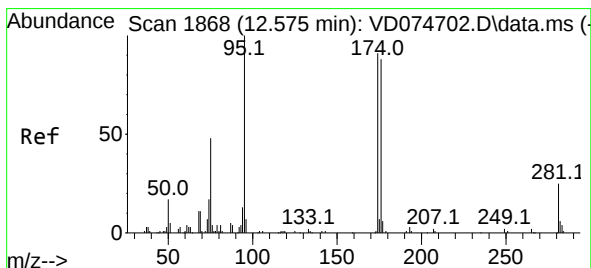
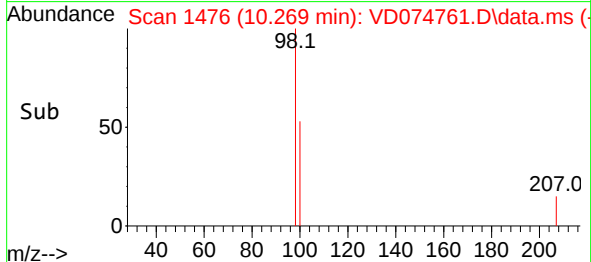
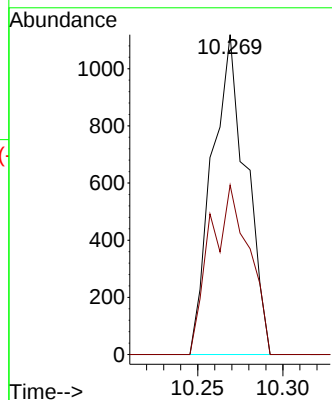
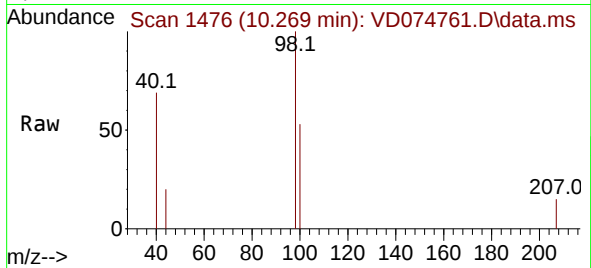




#50
Toluene-d8
Concen: 52.616 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074761.D
Acq: 07 Nov 2022 15:09

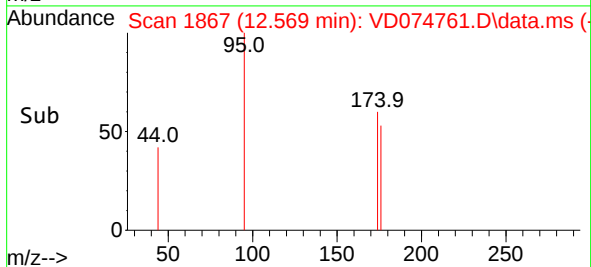
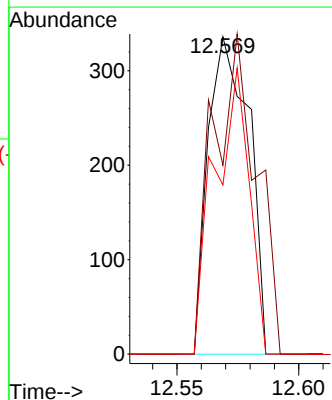
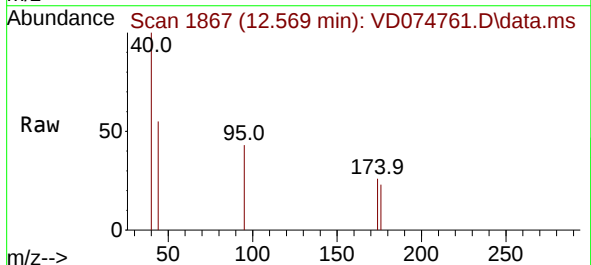
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 1552
Ion Ratio Lower Upper
98 100
100 61.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.910 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074761.D
Acq: 07 Nov 2022 15:09

Tgt Ion: 95 Resp: 391
Ion Ratio Lower Upper
95 100
174 107.2 0.0 197.0
176 76.7 0.0 182.6

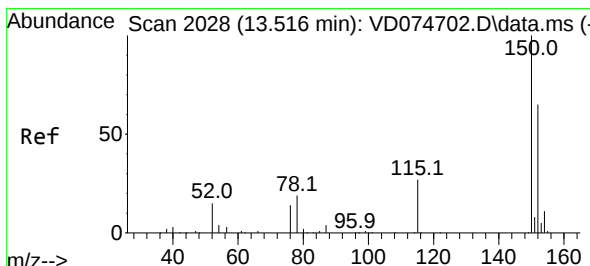
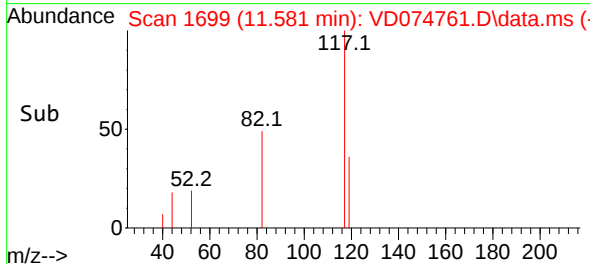
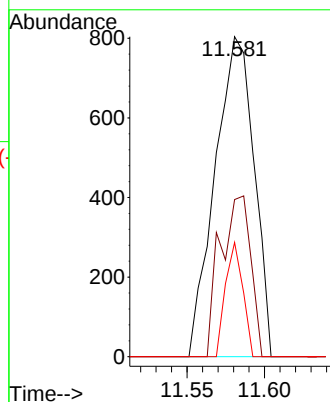
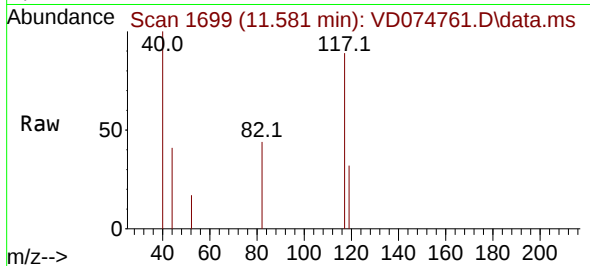




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074761.D
Acq: 07 Nov 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :
SB-18

Tgt Ion:117	Resp:	1407
Ion	Ratio	Lower Upper
117	100	
82	49.1	41.6 62.4
119	35.7	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD074761.D
Acq: 07 Nov 2022 15:09

Tgt Ion:152	Resp:	351
Ion	Ratio	Lower Upper
152	100	
115	21.1	26.8 80.4#
150	202.3	0.0 348.2

