

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074738.D
 Acq On : 04 Nov 2022 15:17
 Operator : VA/SY
 Sample : N5335-02
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Nov 07 00:27:20 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	7.875	168	158753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	240951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	223148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69083	54.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.880%
35) Dibromofluoromethane	7.804	113	97983	68.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.480%
50) Toluene-d8	10.269	98	299162	57.541	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.080%
62) 4-Bromofluorobenzene	12.575	95	90266	60.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.260%

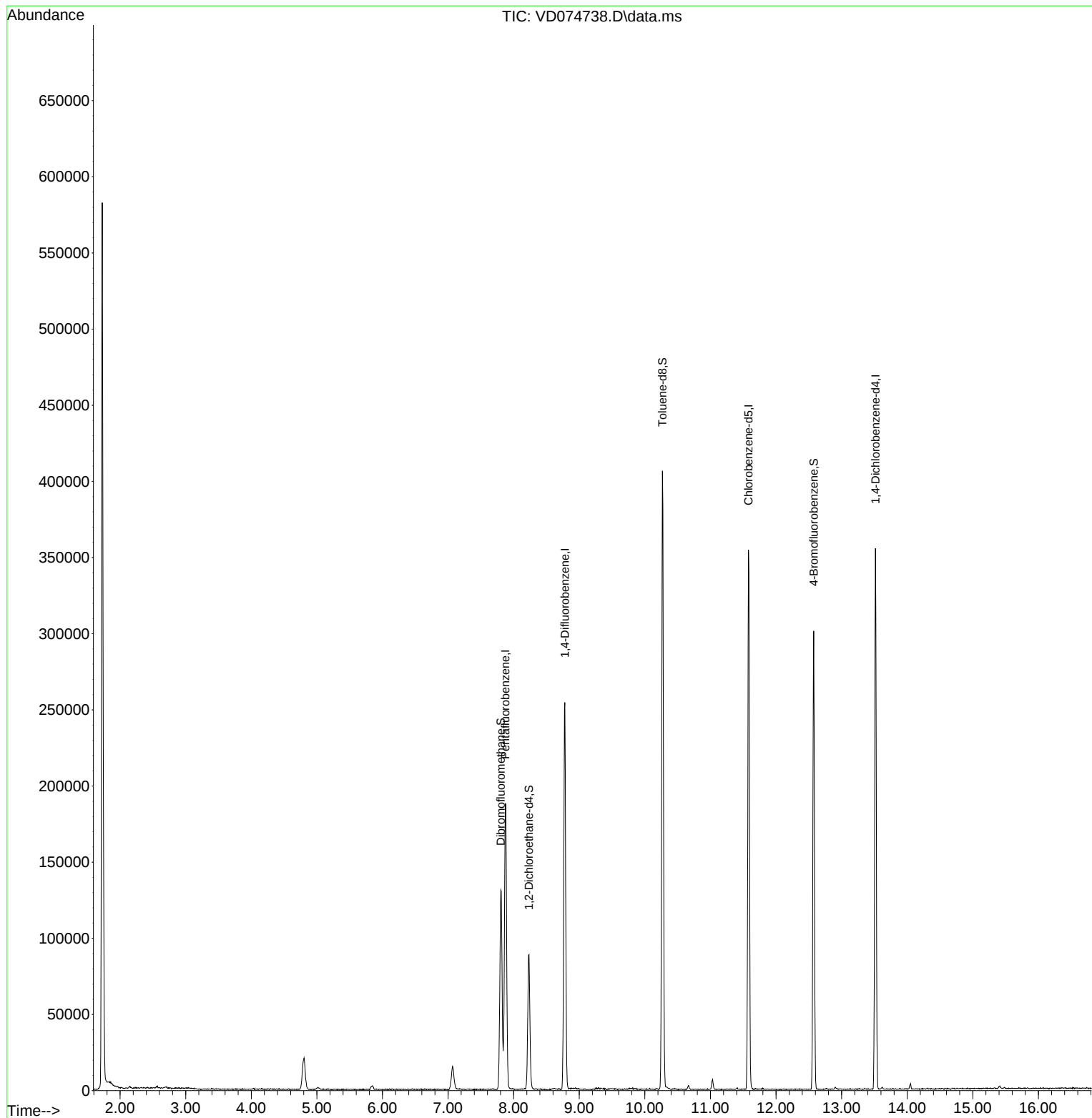
Target Compounds	Qvalue

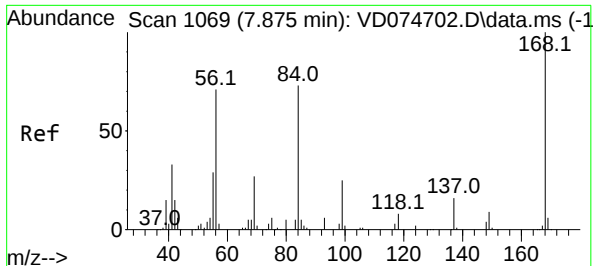
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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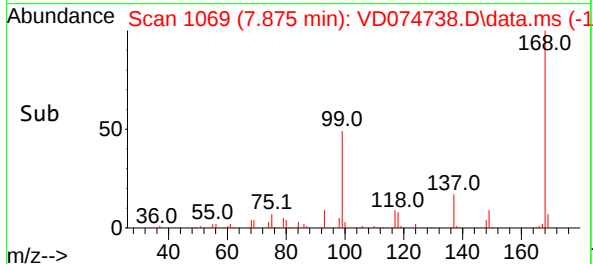
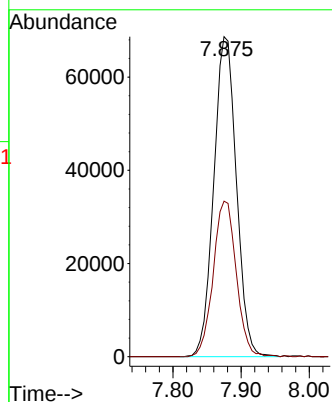
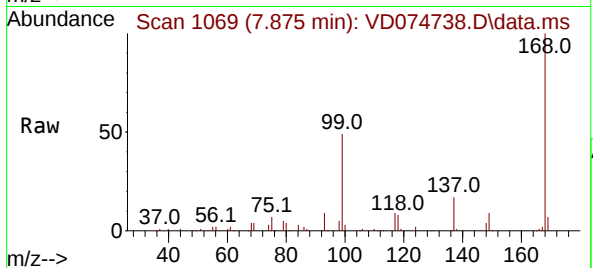




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074738.D
Acq: 04 Nov 2022 15:17

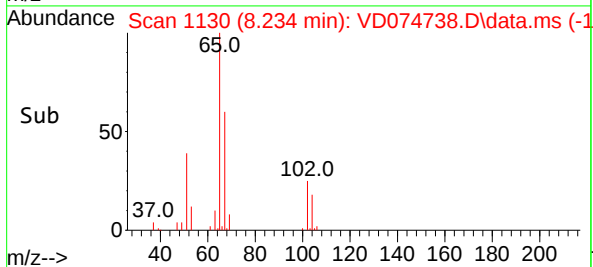
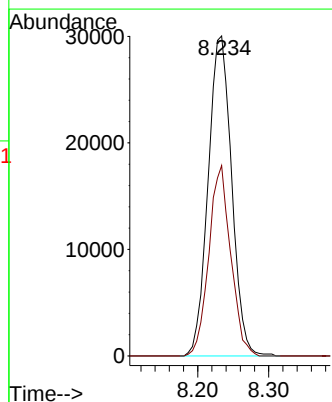
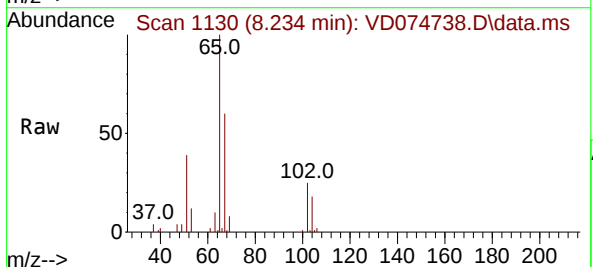
Instrument :
MSVOA_D
ClientSampleId :
SB-2

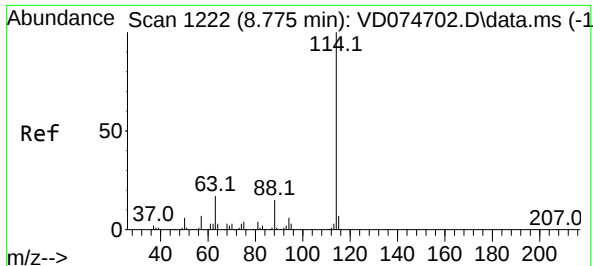
Tgt Ion:168 Resp: 158753
Ion Ratio Lower Upper
168 100
99 48.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 54.943 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074738.D
Acq: 04 Nov 2022 15:17

Tgt Ion: 65 Resp: 69083
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. 0.006 min

Lab File: VD074738.D

Acq: 04 Nov 2022 15:17

Instrument :

MSVOA_D

ClientSampleId :

SB-2

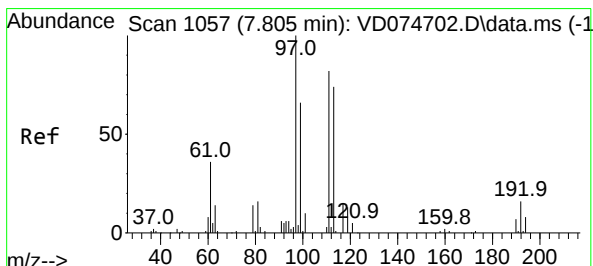
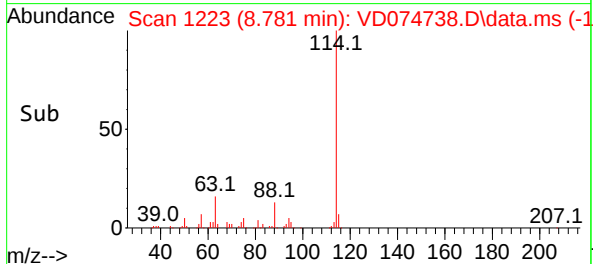
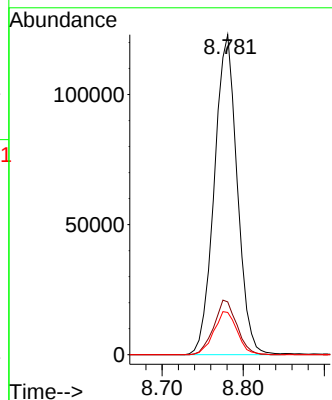
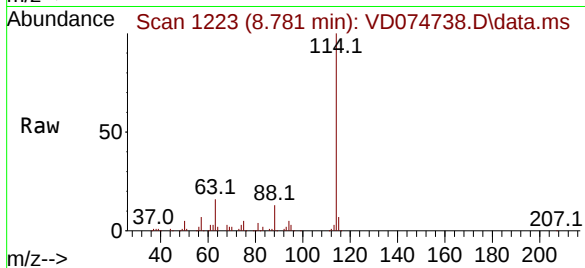
Tgt Ion:114 Resp: 240951

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 68.744 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074738.D

Acq: 04 Nov 2022 15:17

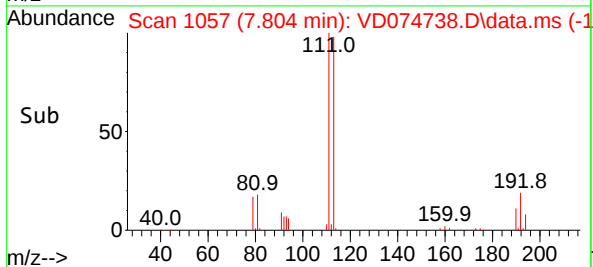
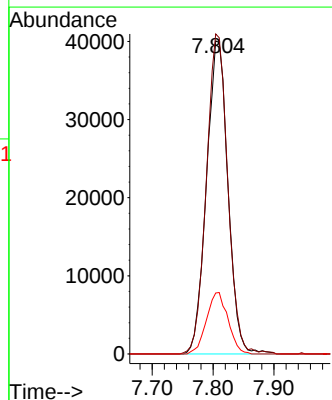
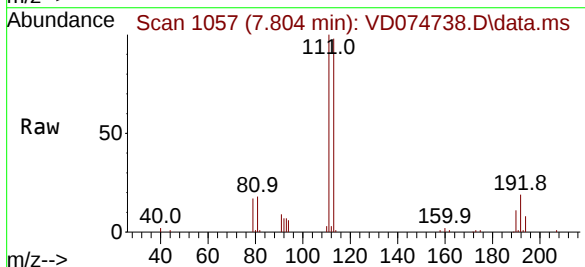
Tgt Ion:113 Resp: 97983

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 19.7 16.4 24.6

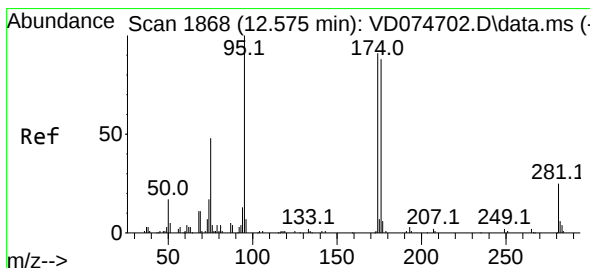
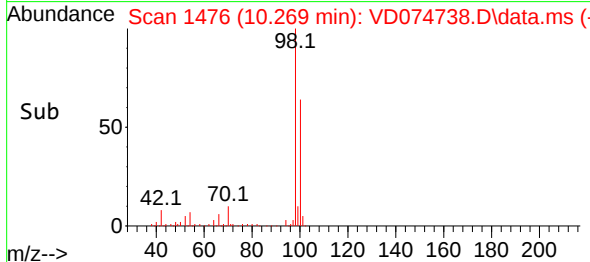
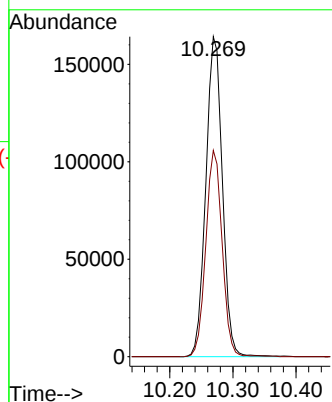
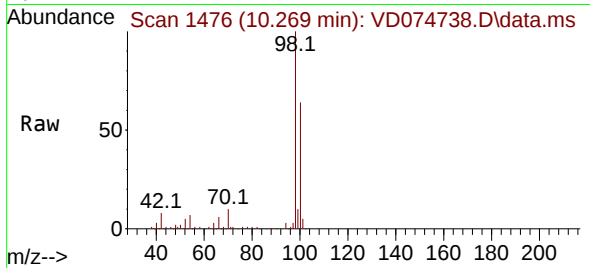




#50
Toluene-d8
Concen: 57.541 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074738.D
Acq: 04 Nov 2022 15:17

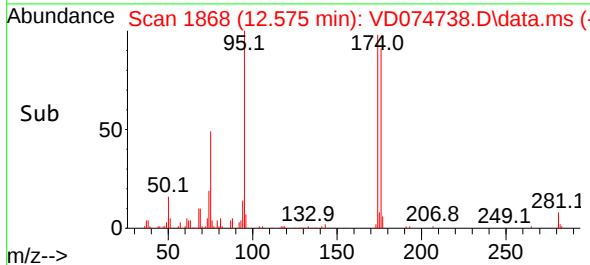
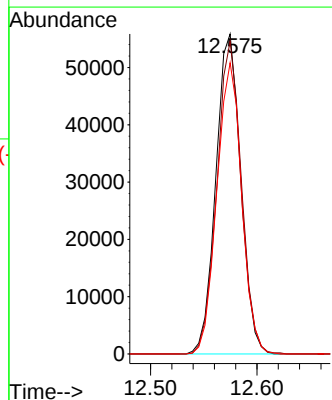
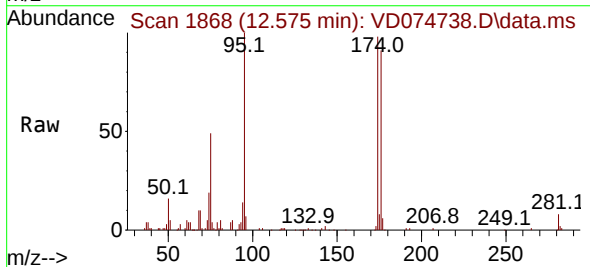
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 299162
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.131 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074738.D
Acq: 04 Nov 2022 15:17

Tgt Ion: 95 Resp: 90266
Ion Ratio Lower Upper
95 100
174 96.5 0.0 197.0
176 90.7 0.0 182.6

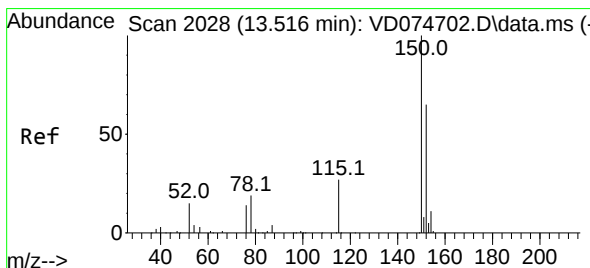
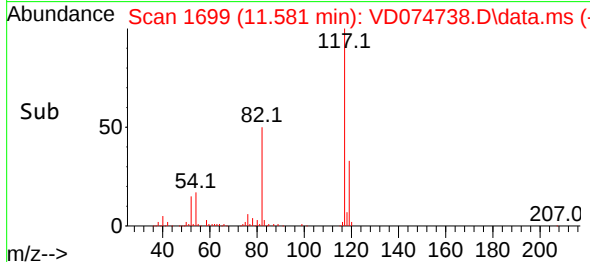
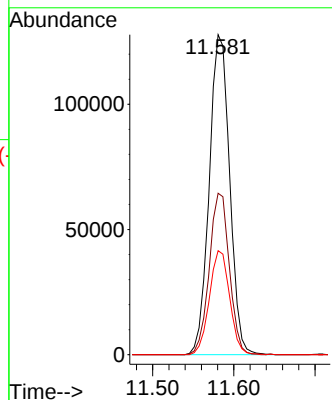
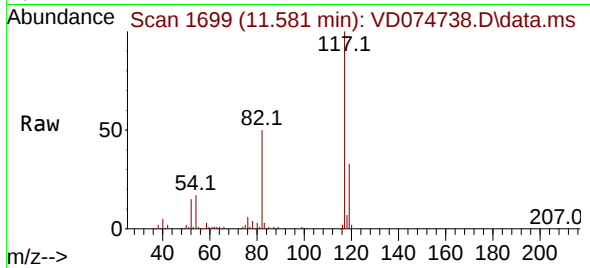




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074738.D
Acq: 04 Nov 2022 15:17

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 223148
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 32.5 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: VD074738.D
Acq: 04 Nov 2022 15:17

Tgt Ion:152 Resp: 102457
Ion Ratio Lower Upper
152 100
115 54.9 26.8 80.4
150 156.1 0.0 348.2

