

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074739.D
 Acq On : 04 Nov 2022 15:45
 Operator : VA/SY
 Sample : N5335-03
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Nov 07 00:27:36 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	162774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	253750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72088	55.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.805	113	101468	67.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.200%
50) Toluene-d8	10.269	98	317752	58.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.060%
62) 4-Bromofluorobenzene	12.575	95	96389	60.971	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.940%

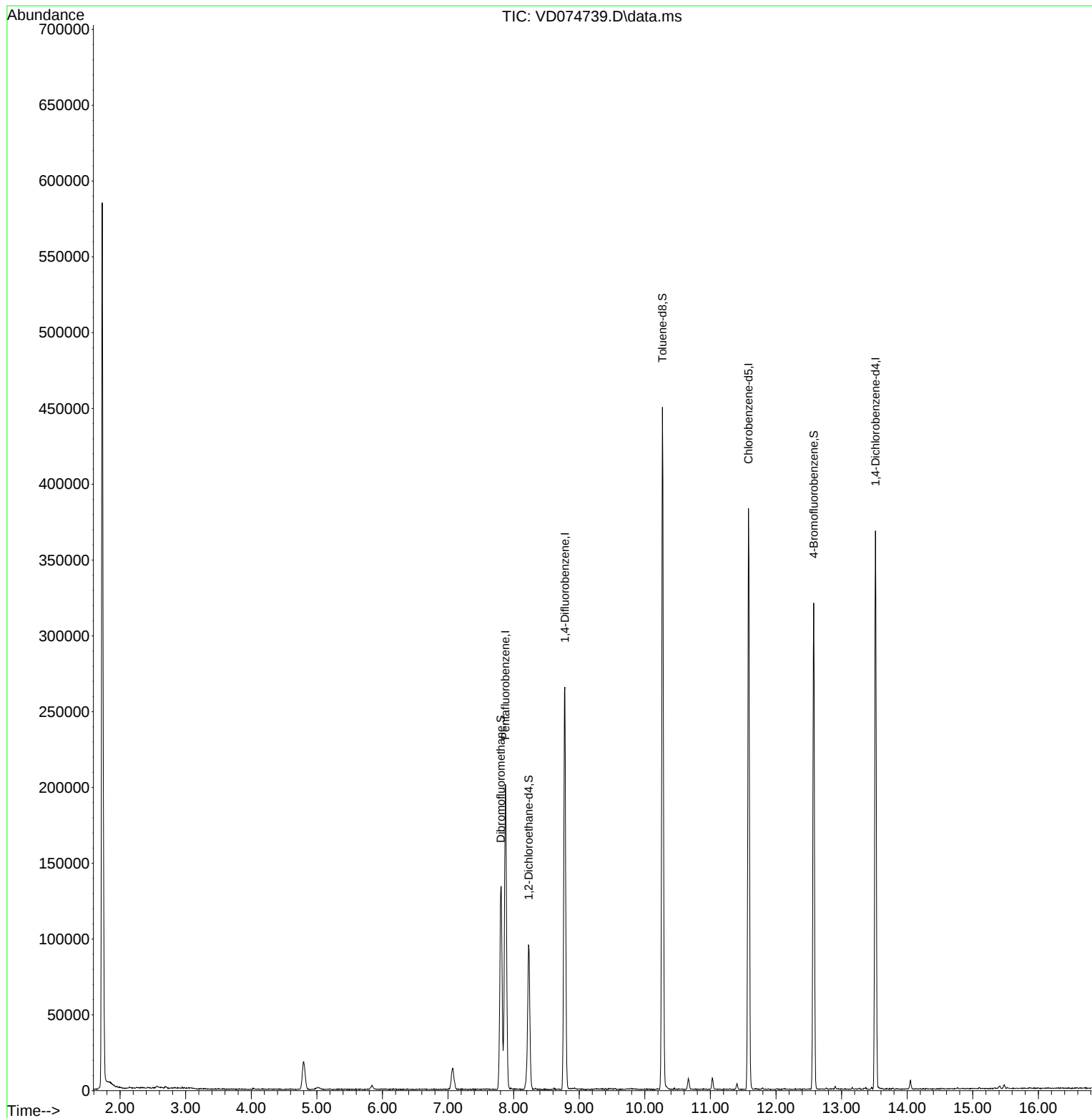
Target Compounds	Qvalue

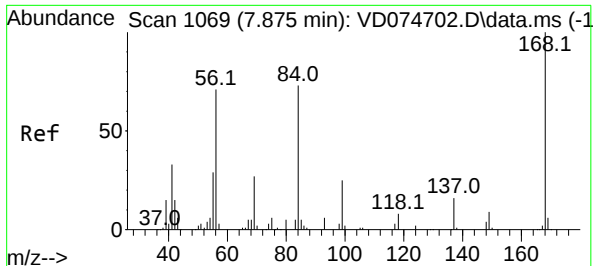
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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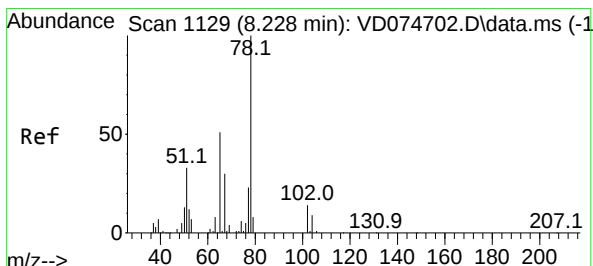
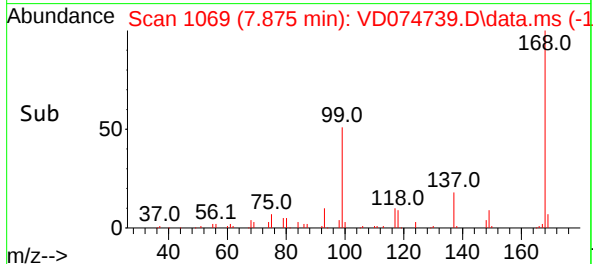
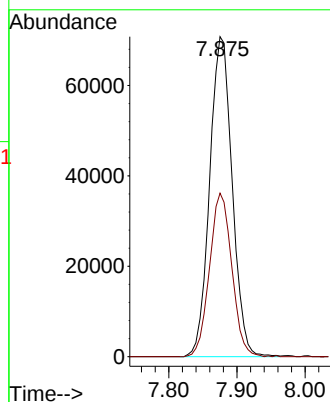
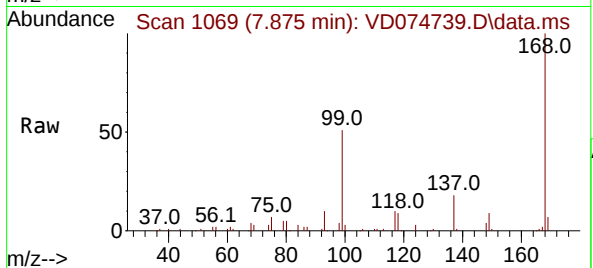




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

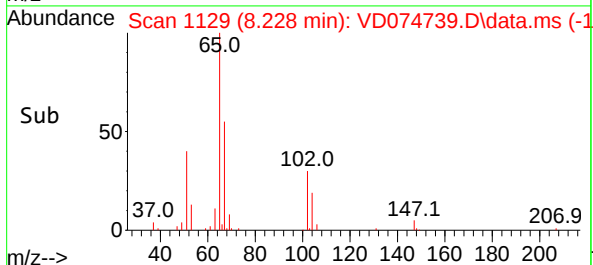
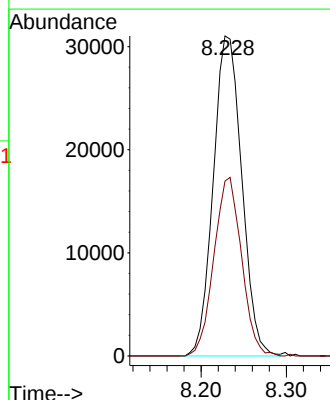
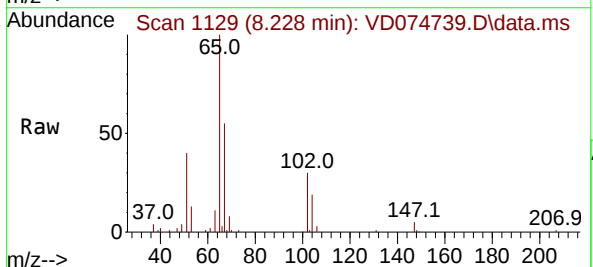
Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion:168 Resp: 162774
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 55.917 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 65 Resp: 72088
Ion Ratio Lower Upper
65 100
67 54.1 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: VD074739.D

Acq: 04 Nov 2022 15:45

Instrument :

MSVOA_D

ClientSampleId :

SB-3

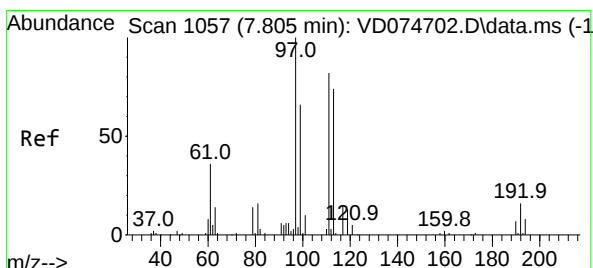
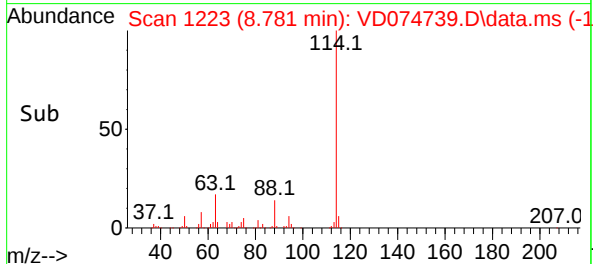
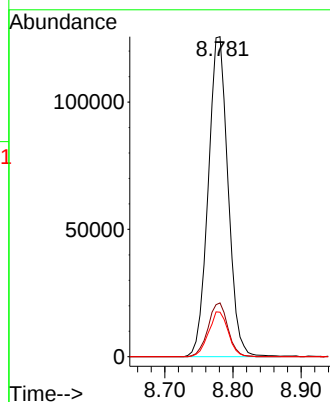
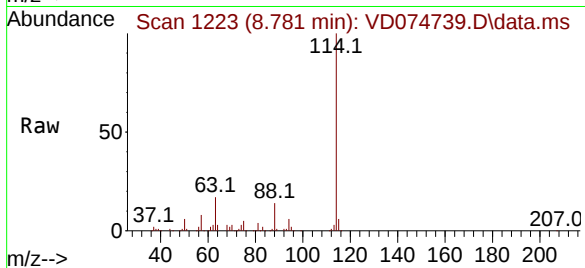
Tgt Ion:114 Resp: 253750

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 67.599 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074739.D

Acq: 04 Nov 2022 15:45

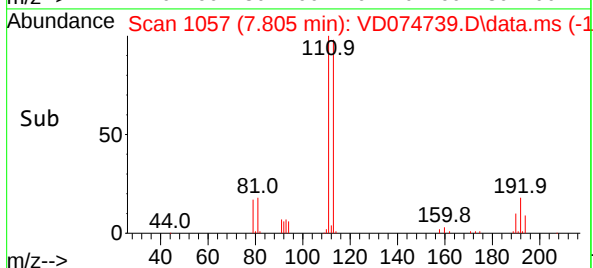
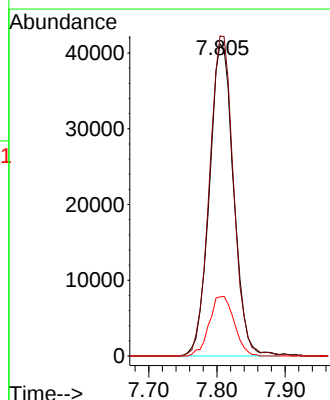
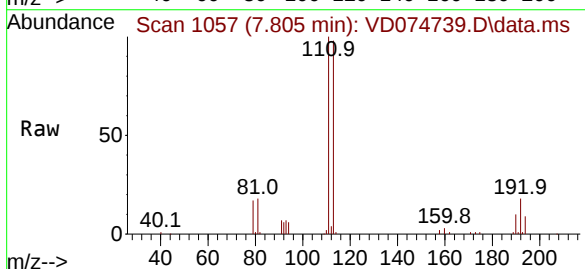
Tgt Ion:113 Resp: 101468

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 19.7 16.4 24.6

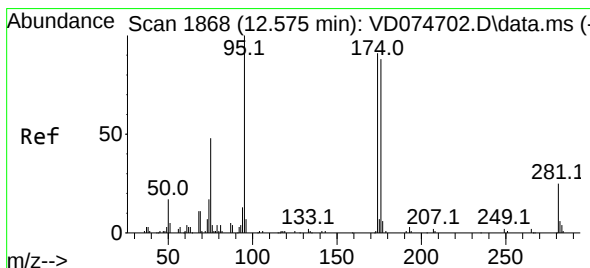
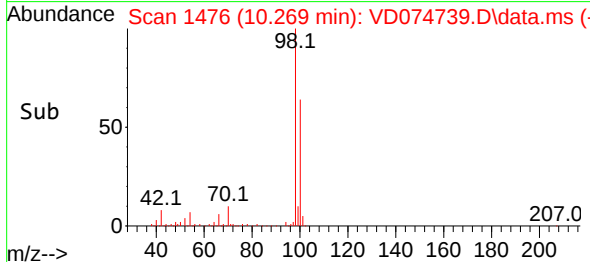
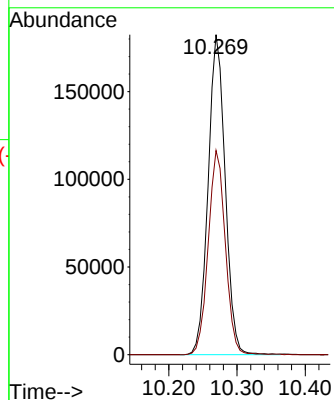
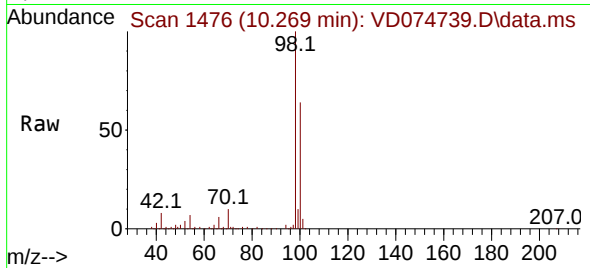




#50
Toluene-d8
Concen: 58.033 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

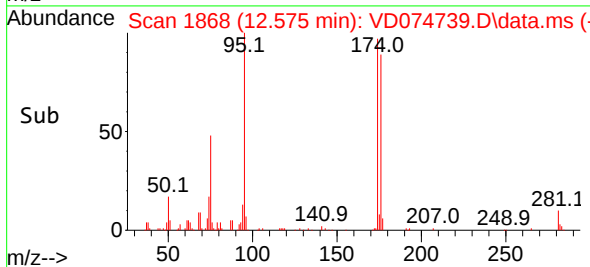
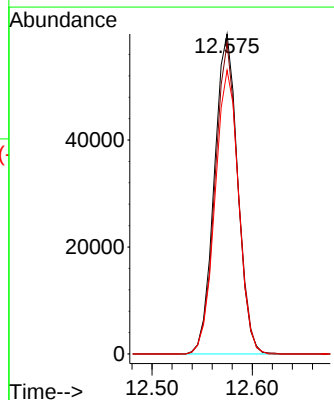
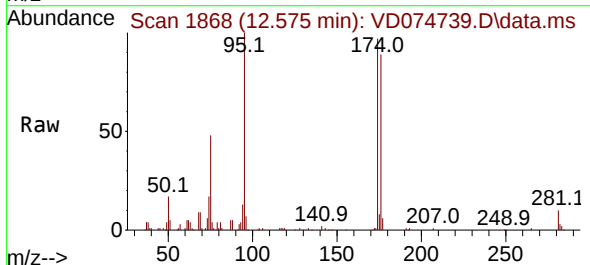
Instrument :
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Tgt Ion: 98 Resp: 317752
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.971 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 95 Resp: 96389
Ion Ratio Lower Upper
95 100
174 95.7 0.0 197.0
176 89.8 0.0 182.6

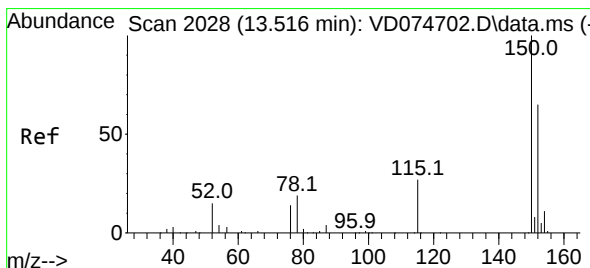
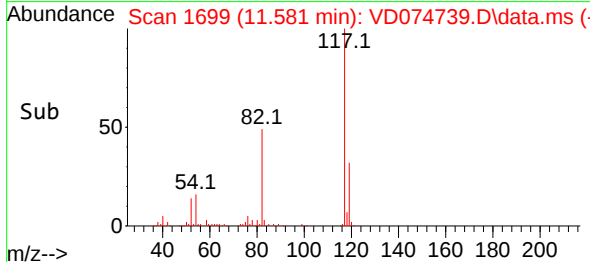
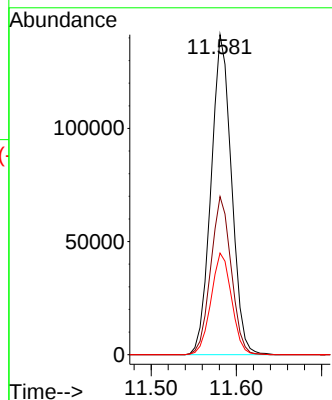
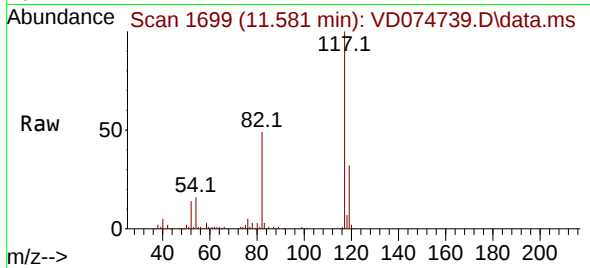




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion:117 Resp: 235564
Ion Ratio Lower Upper
117 100
82 49.4 41.6 62.4
119 31.7 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: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion:152 Resp: 106310
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 158.2 0.0 348.2

