

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074717.D
 Acq On : 03 Nov 2022 16:04
 Operator : VA/SY
 Sample : N5396-10
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-G

Quant Time: Nov 04 00:02:53 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	166244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	285485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	229308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75953	57.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.380%
35) Dibromofluoromethane	7.804	113	97389	57.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.340%
50) Toluene-d8	10.269	98	308041	50.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.569	95	92613	52.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.140%

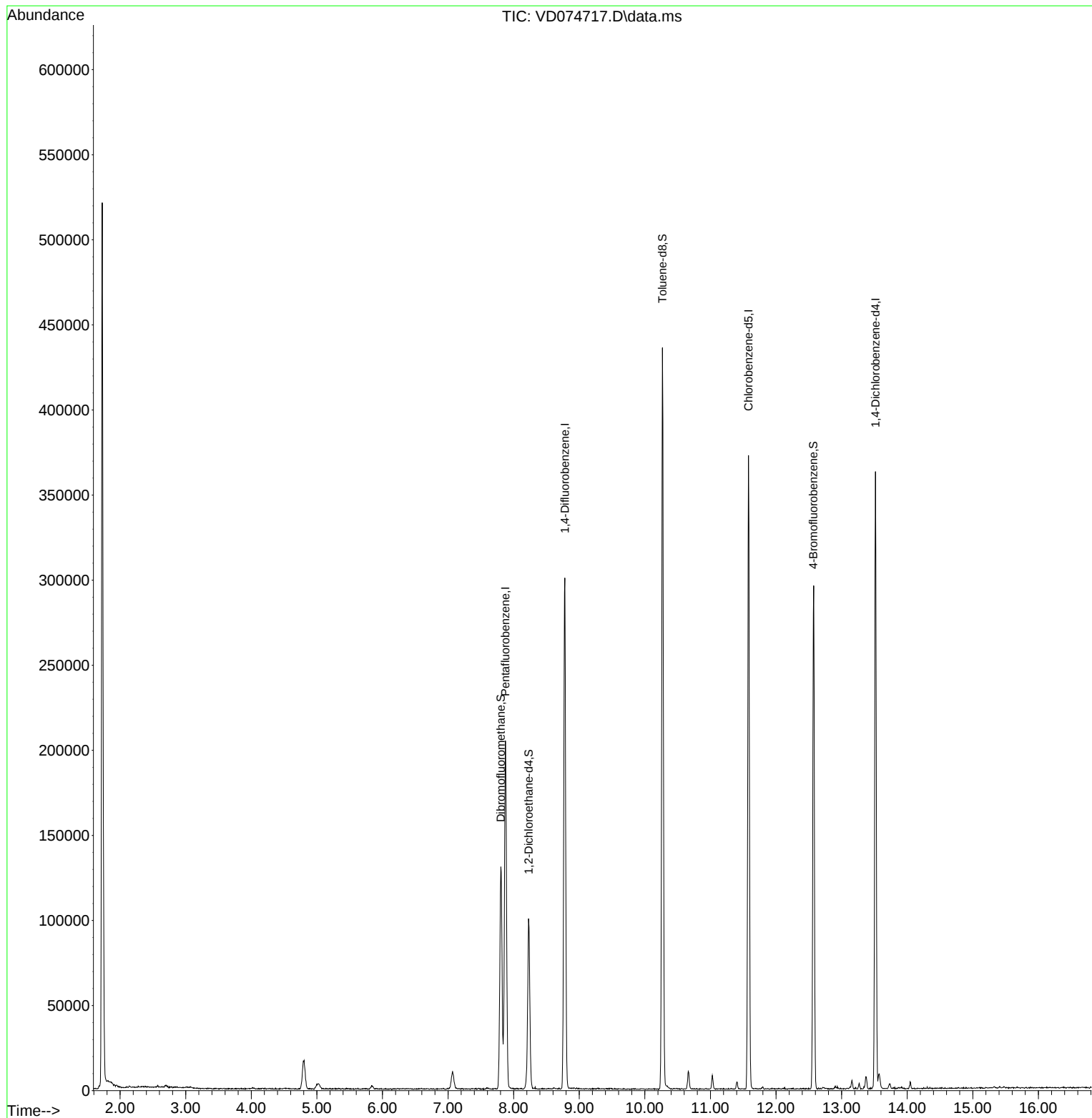
Target Compounds	Qvalue

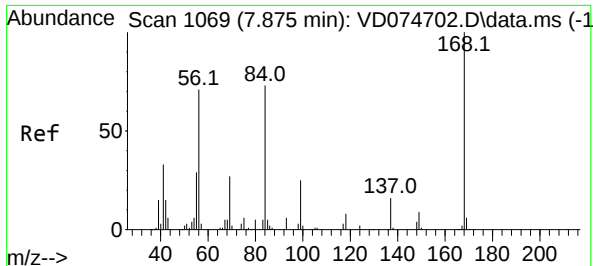
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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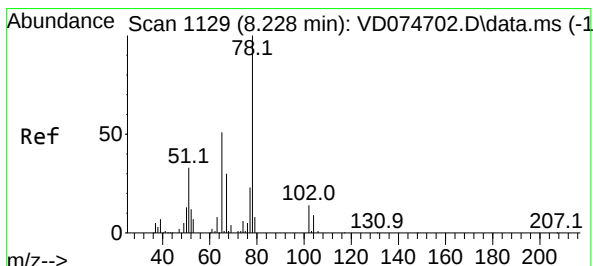
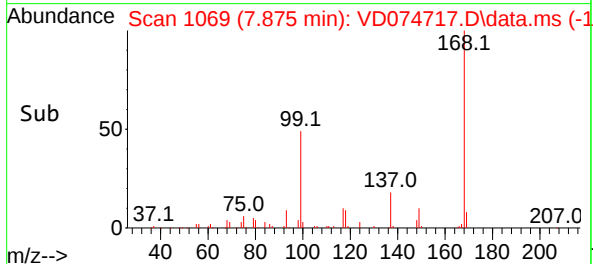
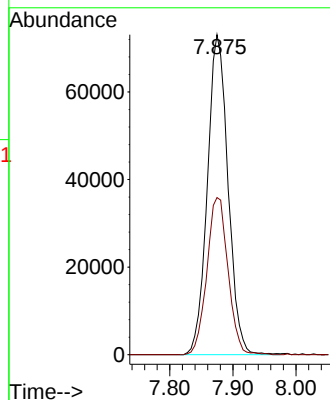
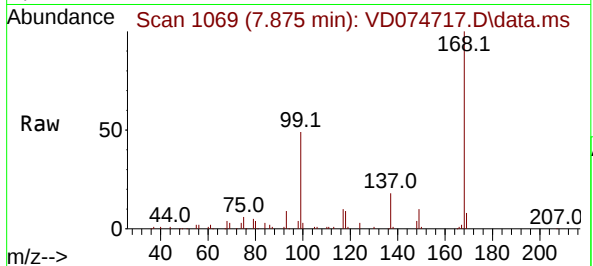




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

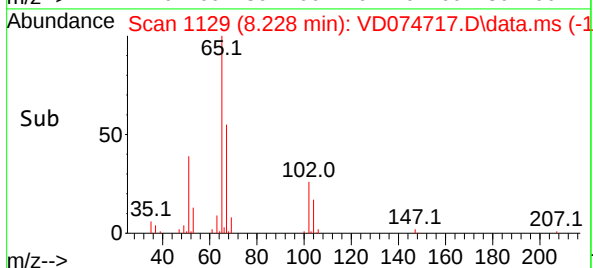
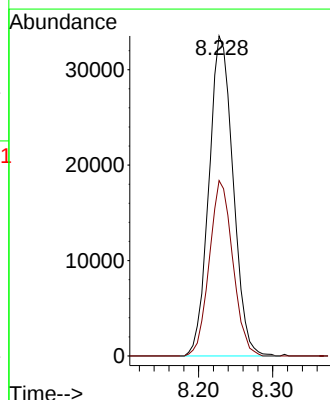
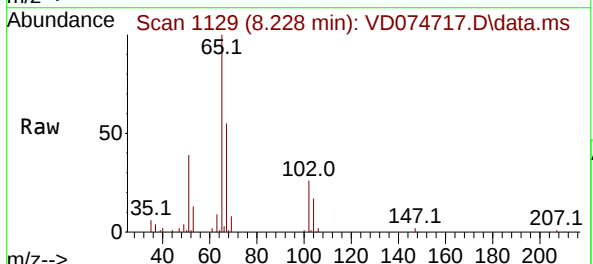
Instrument :
MSVOA_D
ClientSampleId :
TP-G

Tgt Ion:168 Resp: 166244
Ion Ratio Lower Upper
168 100
99 49.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 57.685 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Tgt Ion: 65 Resp: 75953
Ion Ratio Lower Upper
65 100
67 53.3 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: VD074717.D

Acq: 03 Nov 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :

TP-G

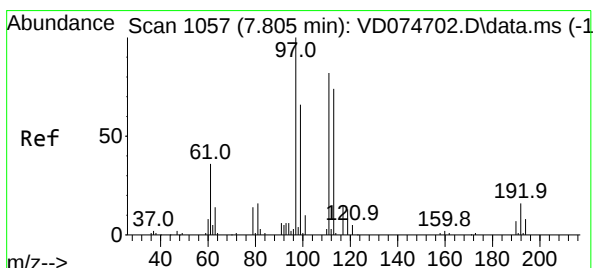
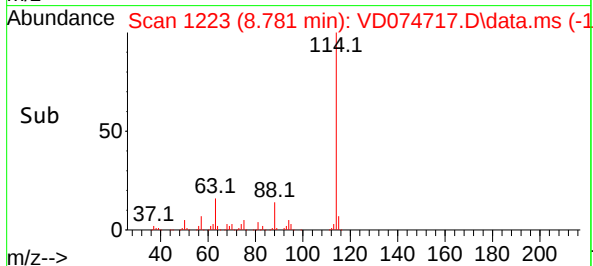
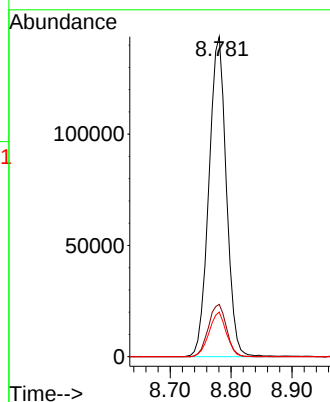
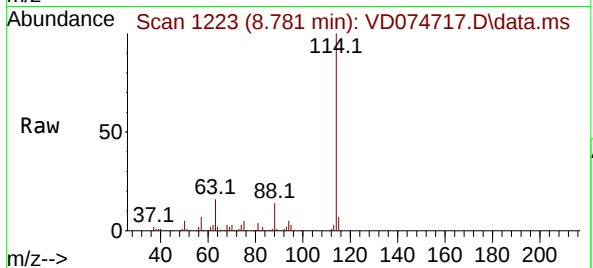
Tgt Ion:114 Resp: 285485

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.669 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074717.D

Acq: 03 Nov 2022 16:04

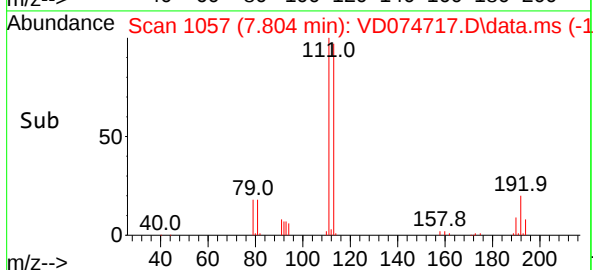
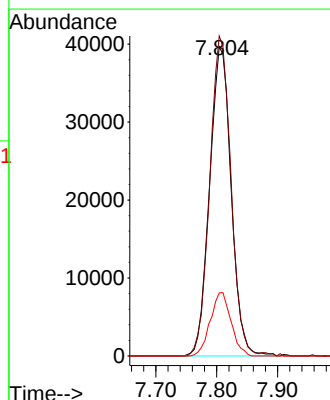
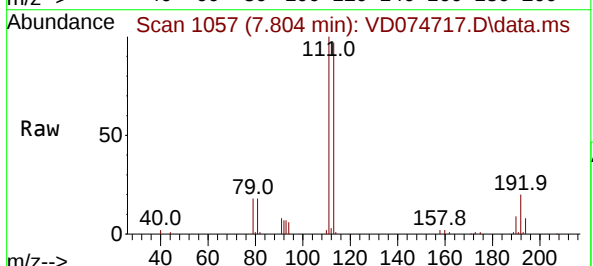
Tgt Ion:113 Resp: 97389

Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

192 19.7 16.4 24.6

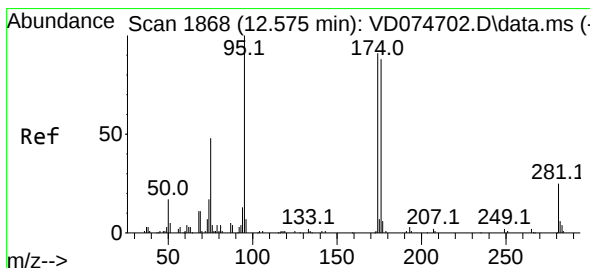
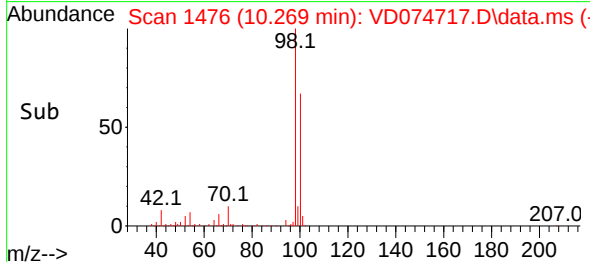
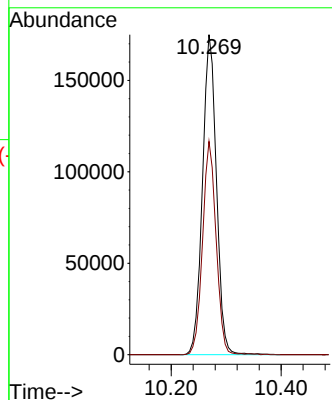
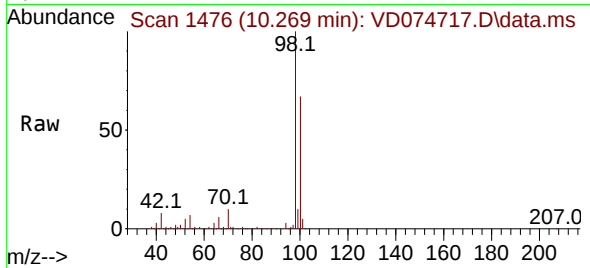




#50
Toluene-d8
Concen: 50.006 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

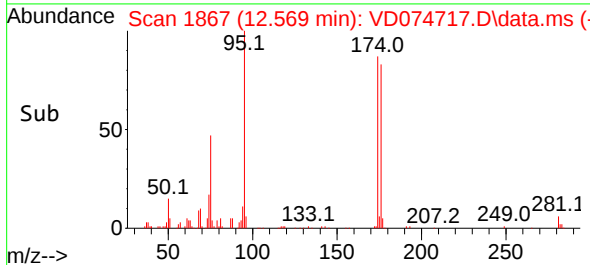
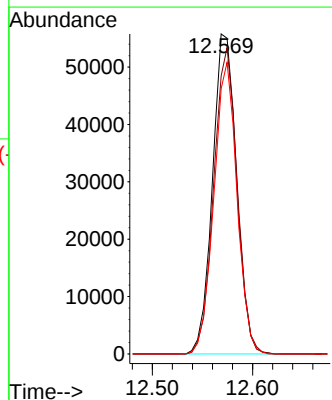
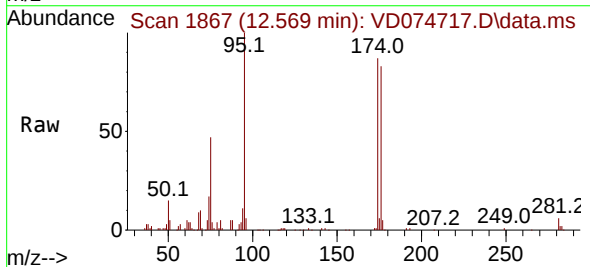
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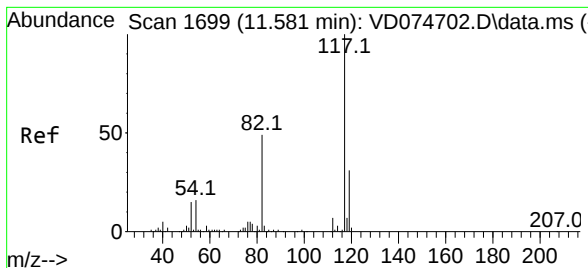
Tgt Ion: 98 Resp: 308041
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.070 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Tgt Ion: 95 Resp: 92613
Ion Ratio Lower Upper
95 100
174 93.3 0.0 197.0
176 87.6 0.0 182.6

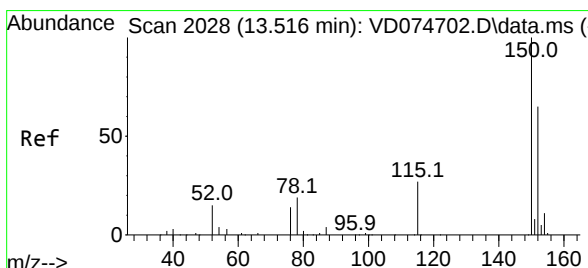
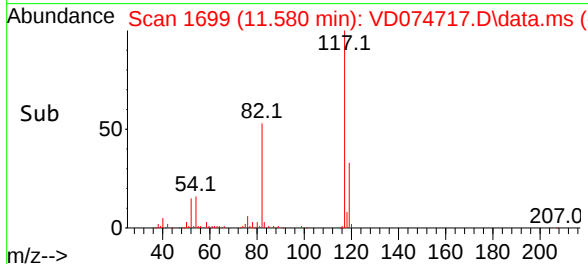
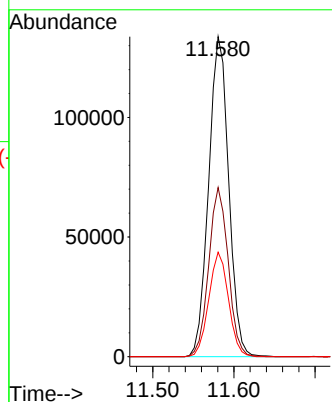
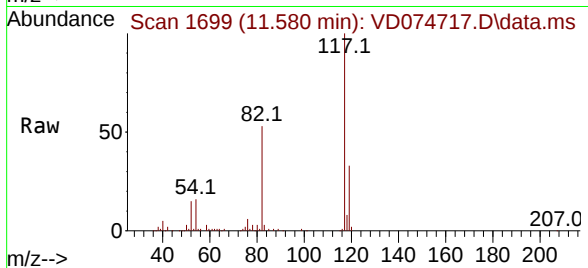




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :
TP-G

Tgt Ion:117 Resp: 229308
Ion Ratio Lower Upper
117 100
82 52.9 41.6 62.4
119 32.6 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: VD074717.D
Acq: 03 Nov 2022 16:04

Tgt Ion:152 Resp: 102229
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 155.3 0.0 348.2

