

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074743.D
 Acq On : 04 Nov 2022 17:36
 Operator : VA/SY
 Sample : N5418-07
 Misc : 4.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-L

Quant Time: Nov 07 00:28:41 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	151713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	265994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94046	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74616	62.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.200%
35) Dibromofluoromethane	7.804	113	94074	59.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.580%
50) Toluene-d8	10.269	98	288573	50.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.575	95	83937	50.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.300%

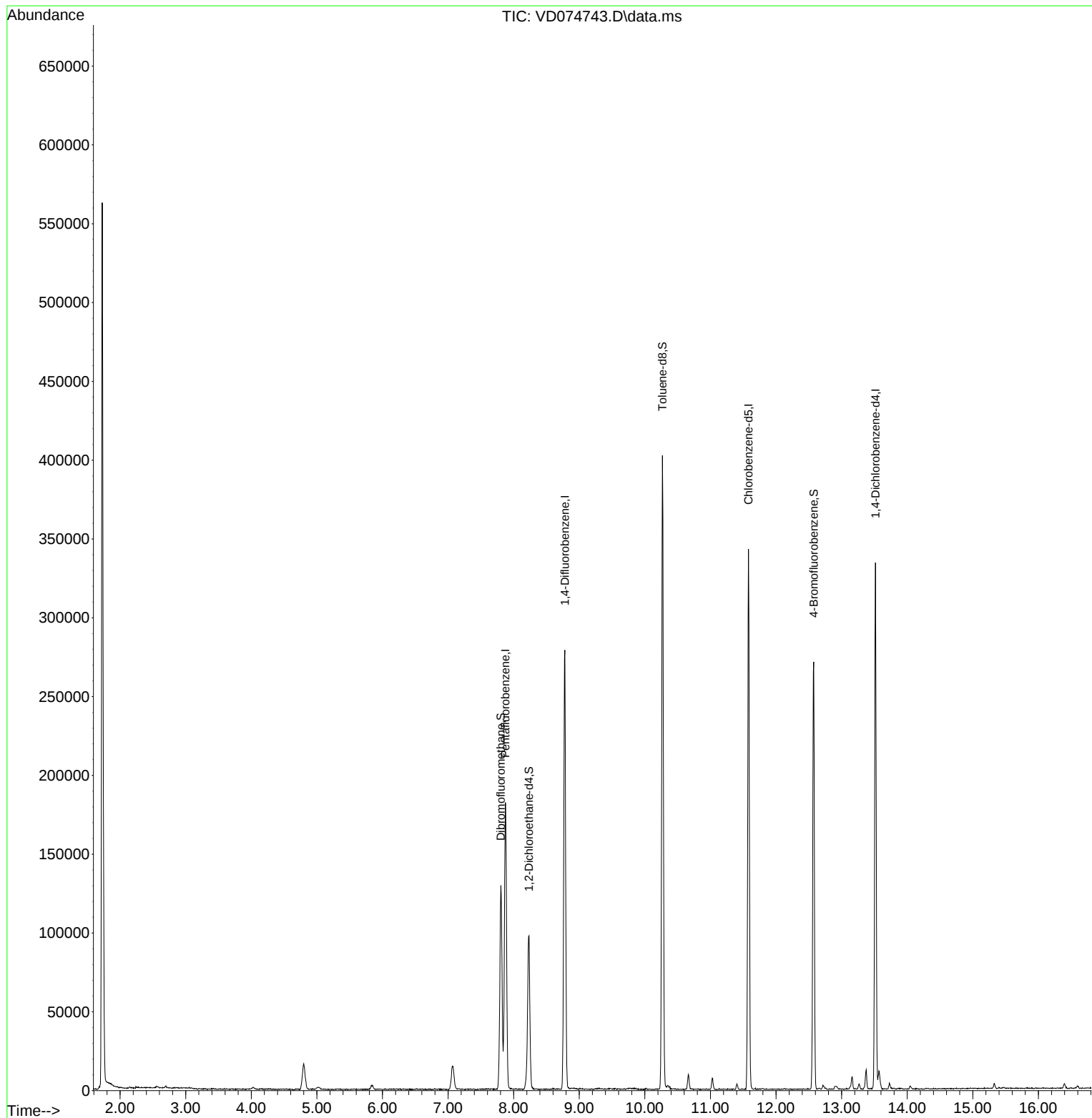
Target Compounds	Qvalue

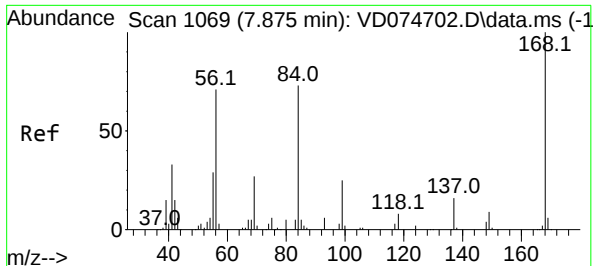
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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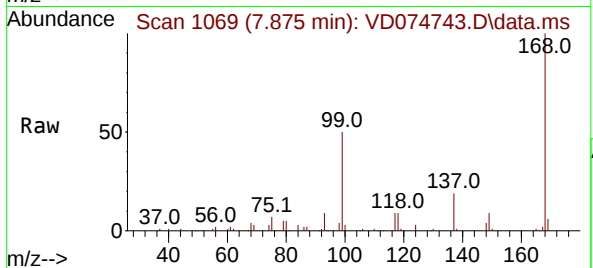
Quant Time: Nov 07 00:28:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
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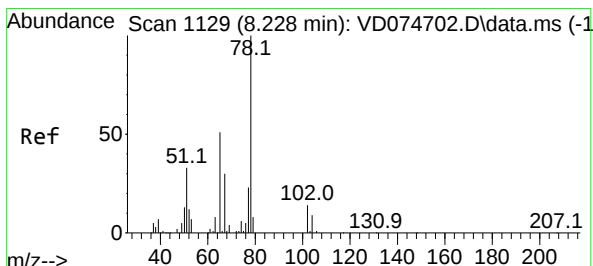
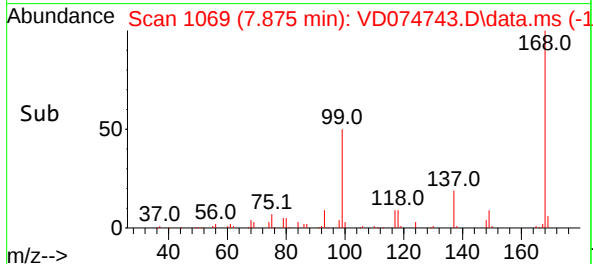
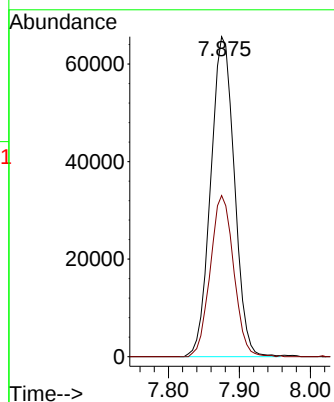


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-L

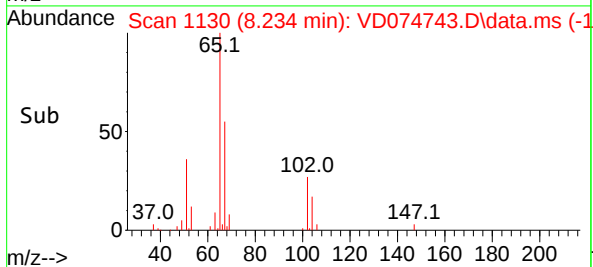
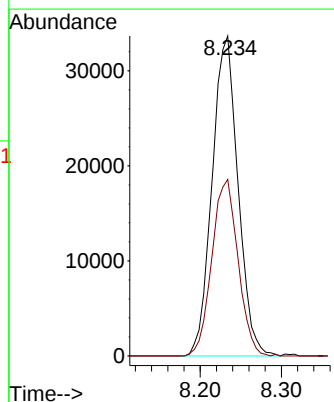
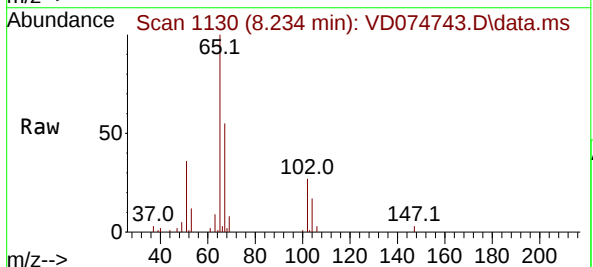


Tgt Ion:168 Resp: 151713
Ion Ratio Lower Upper
168 100
99 50.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 62.097 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion: 65 Resp: 74616
Ion Ratio Lower Upper
65 100
67 55.8 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: VD074743.D

Acq: 04 Nov 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

TP-L

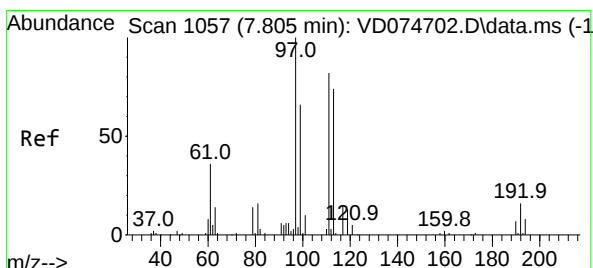
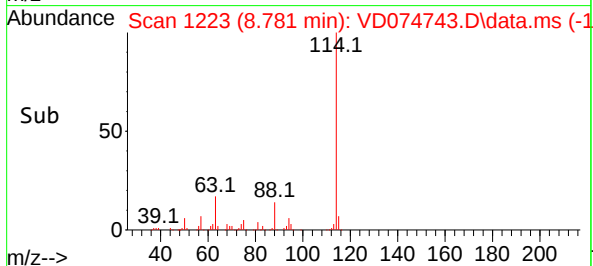
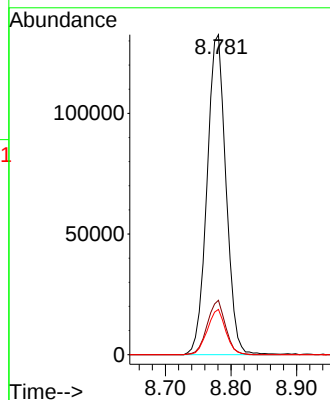
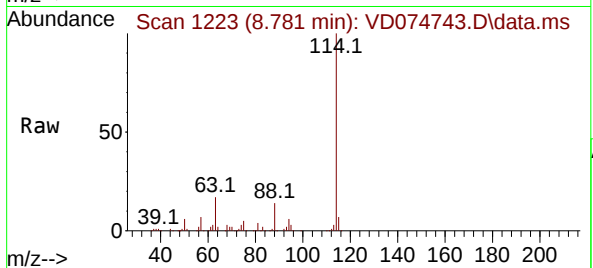
Tgt Ion:114 Resp: 265994

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 59.788 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074743.D

Acq: 04 Nov 2022 17:36

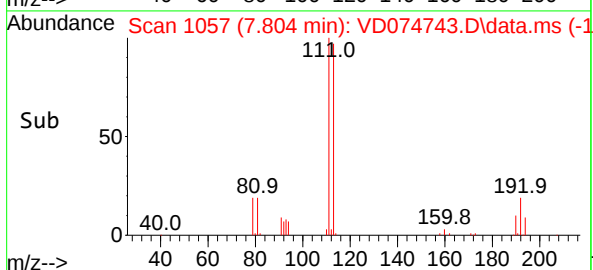
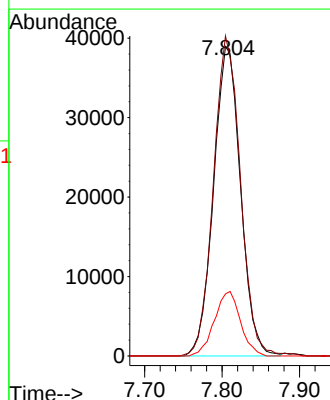
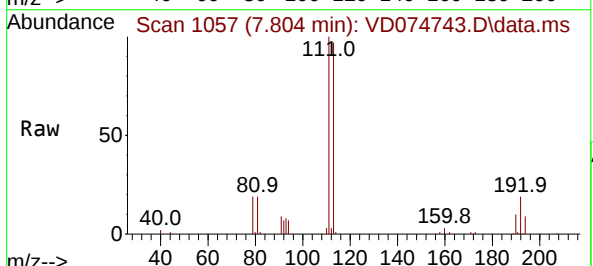
Tgt Ion:113 Resp: 94074

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 20.2 16.4 24.6

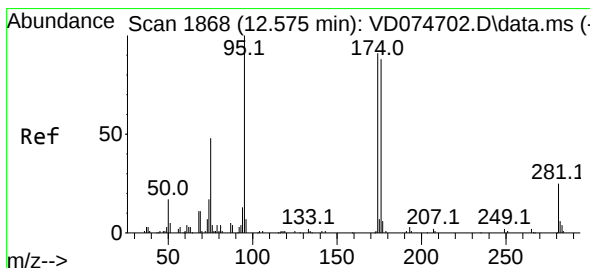
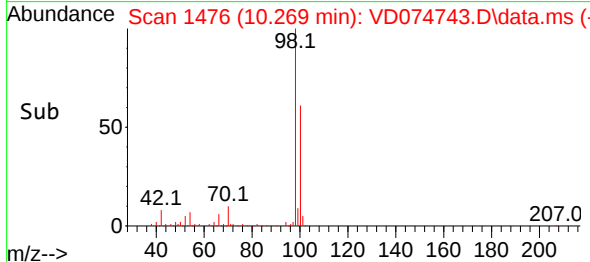
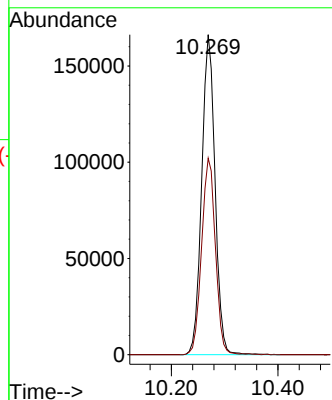
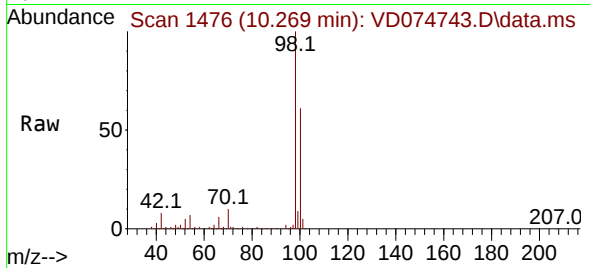




#50
Toluene-d8
Concen: 50.278 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

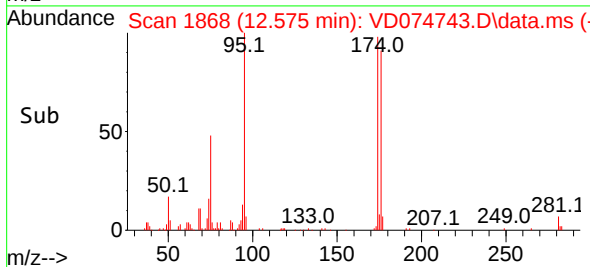
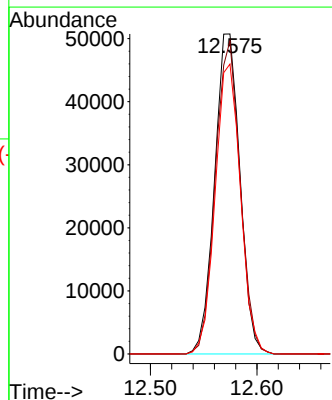
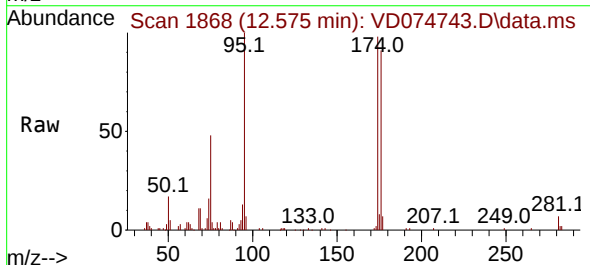
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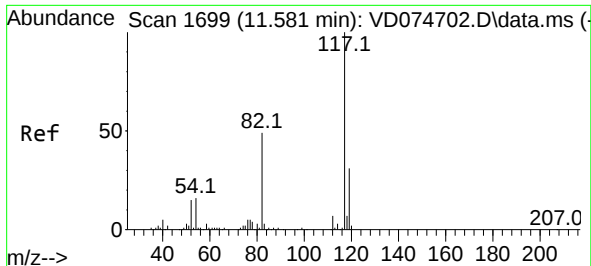
Tgt Ion: 98 Resp: 288573
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.650 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion: 95 Resp: 83937
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.0
176 90.4 0.0 182.6

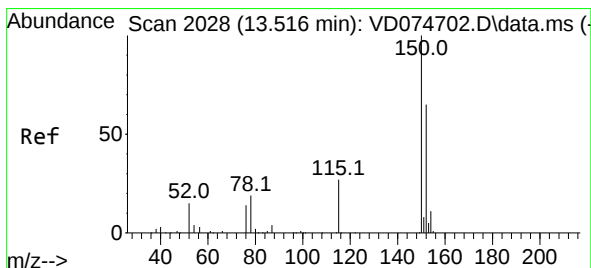
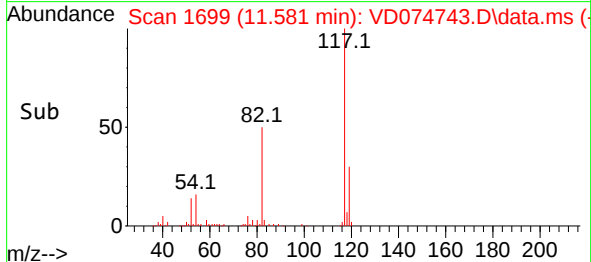
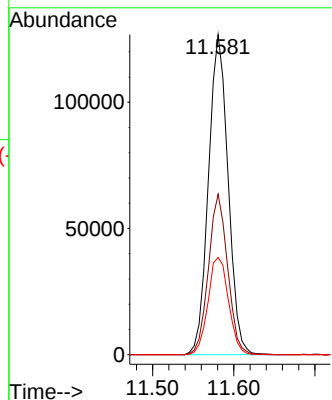
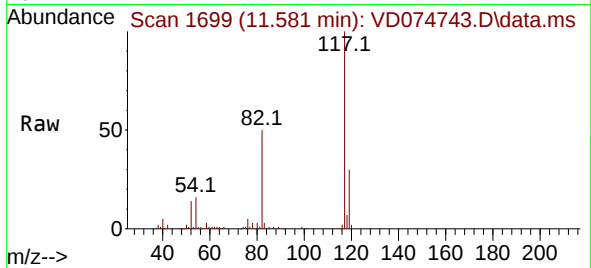




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-L

Tgt Ion:117 Resp: 212706
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 30.4 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: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion:152 Resp: 94046
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 155.3 0.0 348.2

