

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074631.D
 Acq On : 25 Oct 2022 14:29
 Operator : VA/SY
 Sample : N5218-31RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-4

Quant Time: Oct 27 01:21:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	166745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	138078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50281	66.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.660%	
35) Dibromofluoromethane	7.805	113	64300	70.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.080%	
50) Toluene-d8	10.269	98	208809	62.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.140%	
62) 4-Bromofluorobenzene	12.575	95	57540	60.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.660%	

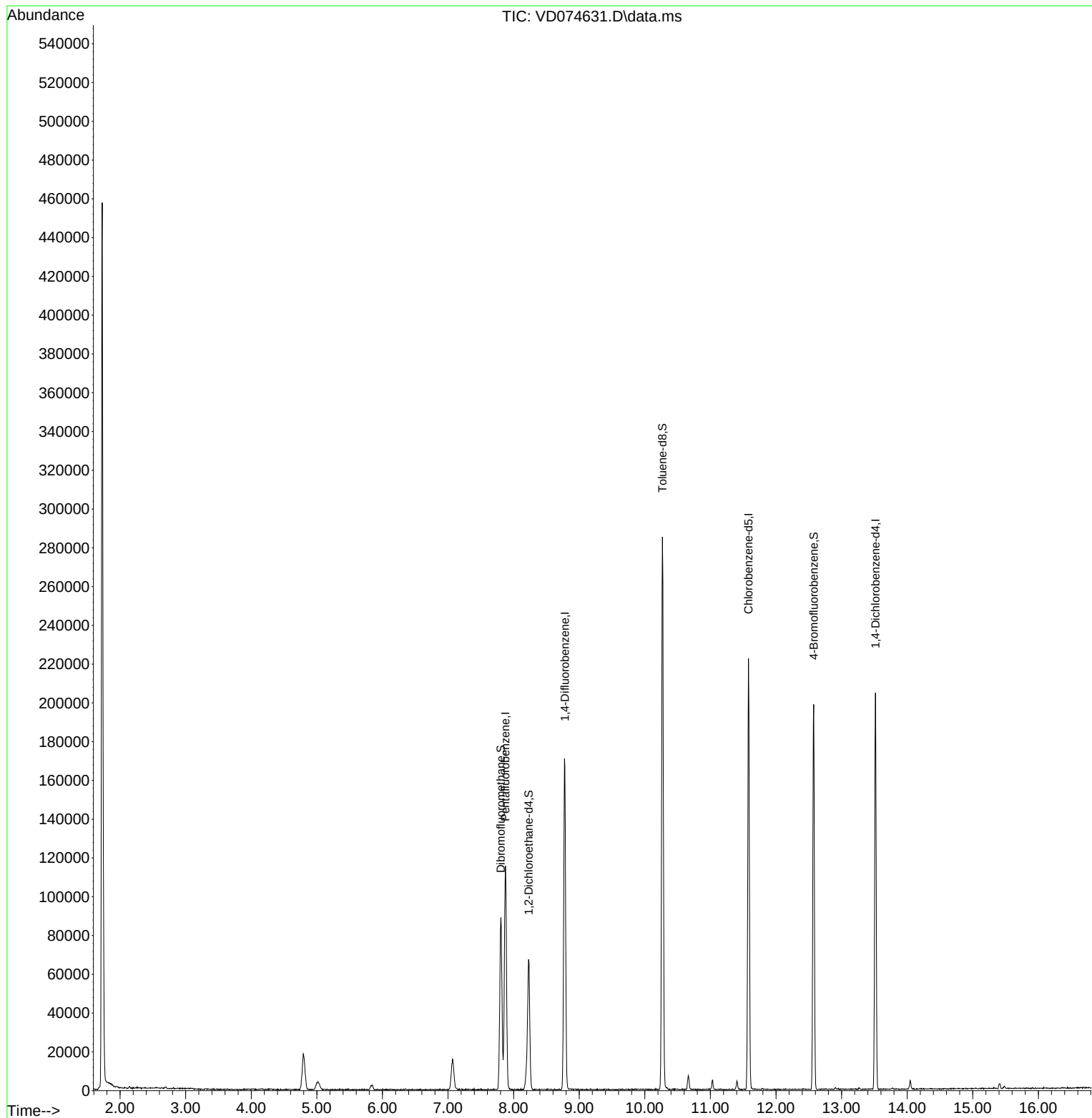
Target Compounds	Qvalue

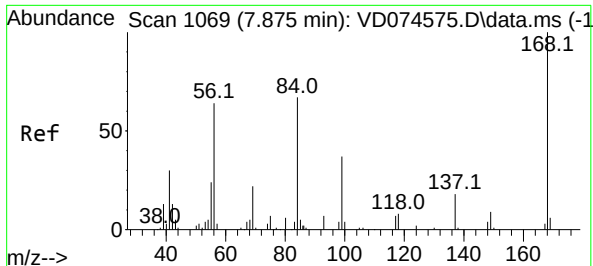
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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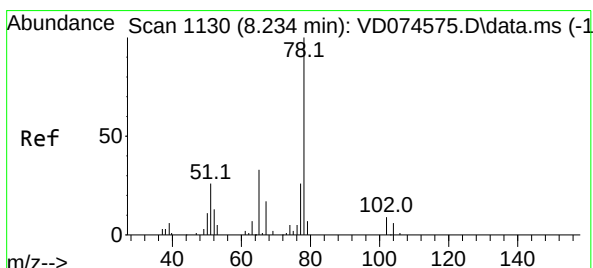
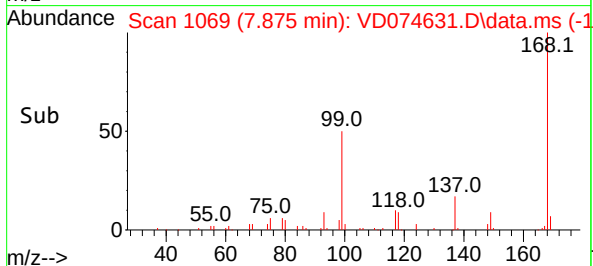
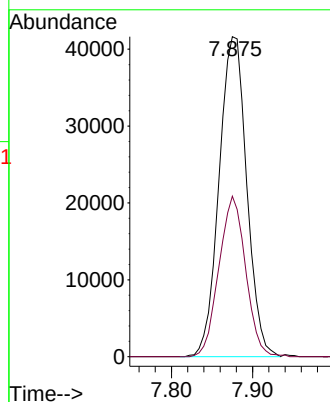
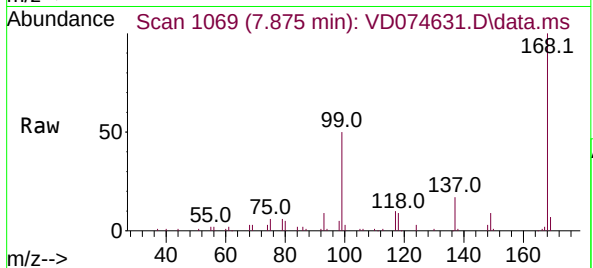




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074631.D
Acq: 25 Oct 2022 14:29

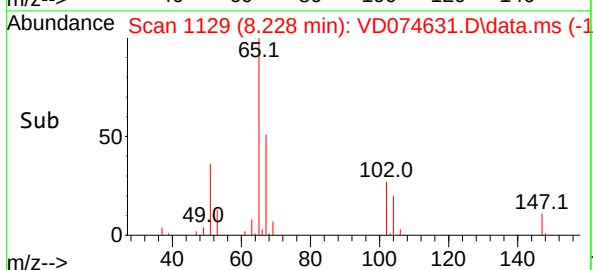
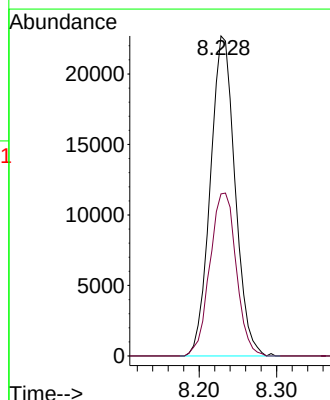
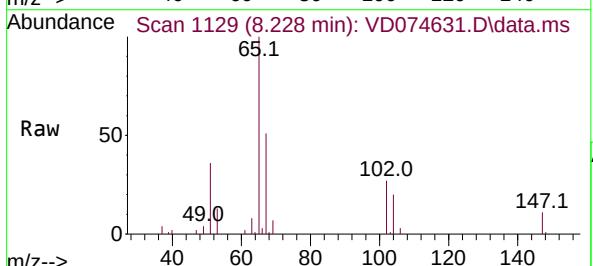
Instrument :
MSVOA_D
ClientSampleId :
SP-4

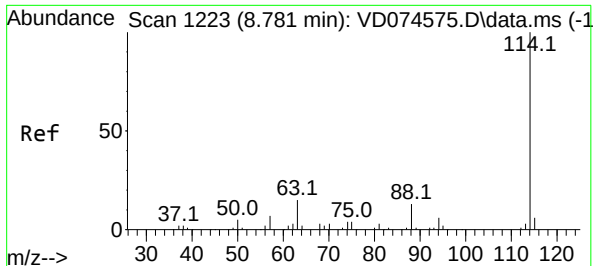
Tgt Ion:168 Resp: 98538
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 66.835 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074631.D
Acq: 25 Oct 2022 14:29

Tgt Ion: 65 Resp: 50281
Ion Ratio Lower Upper
65 100
67 54.2 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: VD074631.D

Acq: 25 Oct 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

SP-4

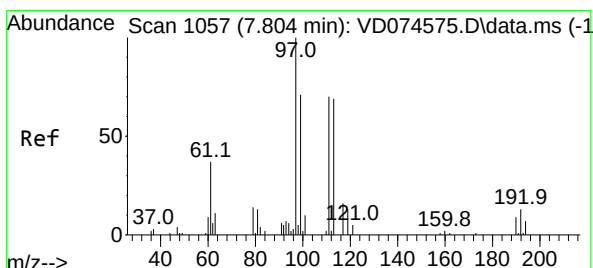
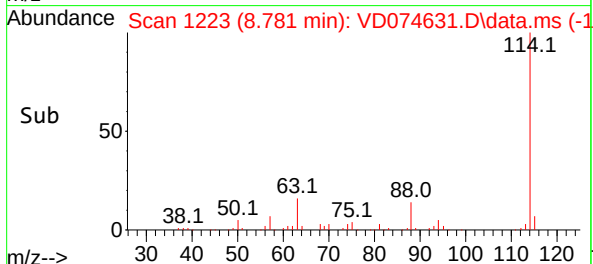
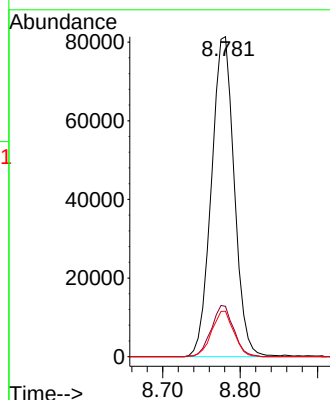
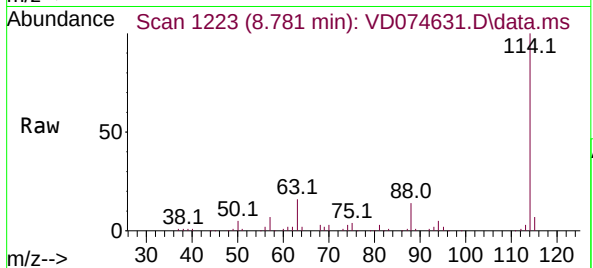
Tgt Ion:114 Resp: 166745

Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.2

88 14.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 70.043 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074631.D

Acq: 25 Oct 2022 14:29

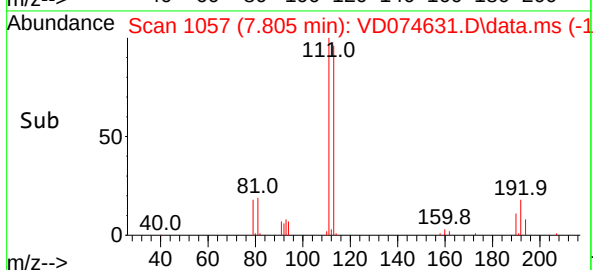
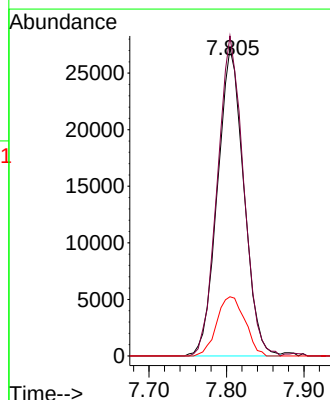
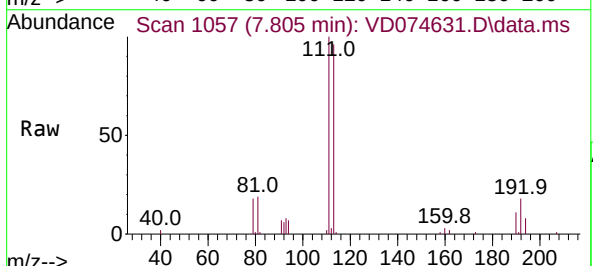
Tgt Ion:113 Resp: 64300

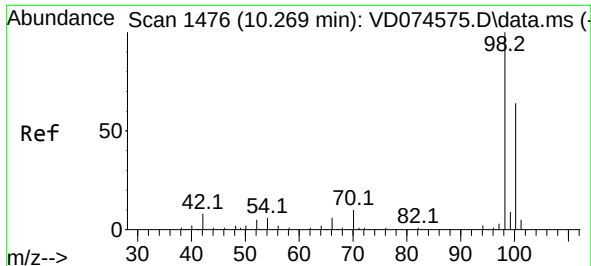
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 20.6 16.4 24.6

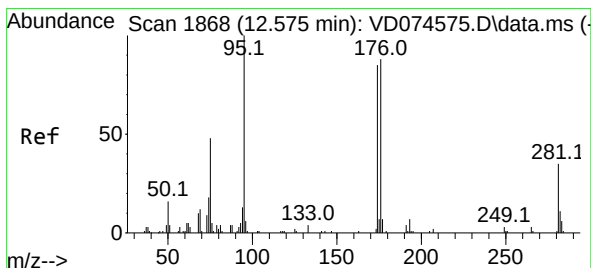
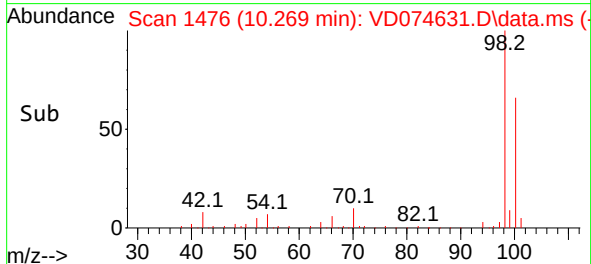
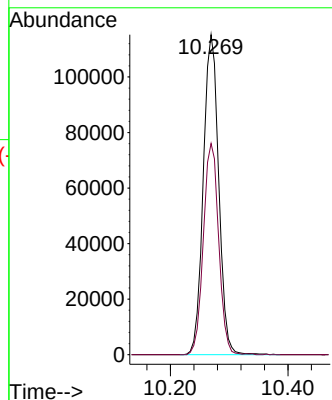
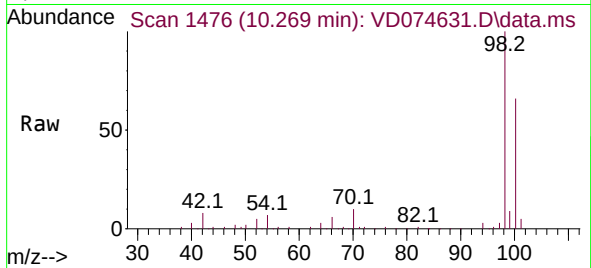




#50
Toluene-d8
Concen: 62.566 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074631.D
Acq: 25 Oct 2022 14:29

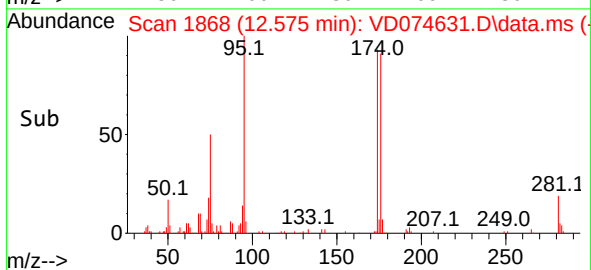
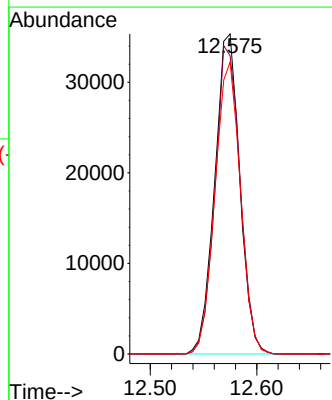
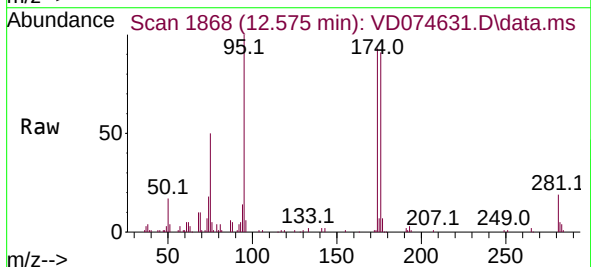
Instrument :
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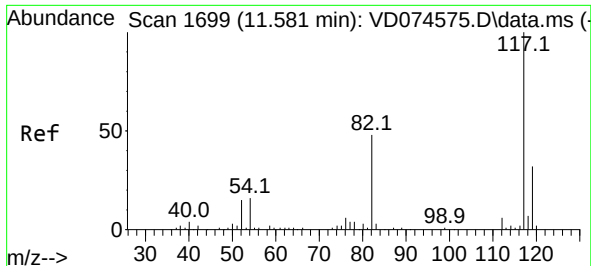
Tgt Ion: 98 Resp: 208809
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.330 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074631.D
Acq: 25 Oct 2022 14:29

Tgt Ion: 95 Resp: 57540
Ion Ratio Lower Upper
95 100
174 96.6 0.0 197.0
176 92.9 0.0 182.6

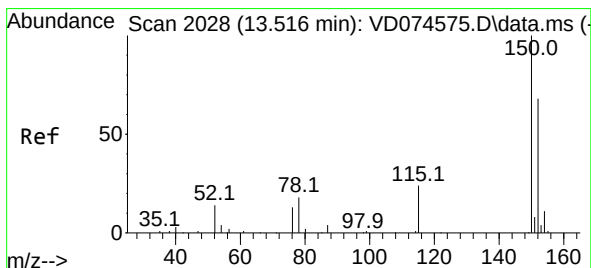
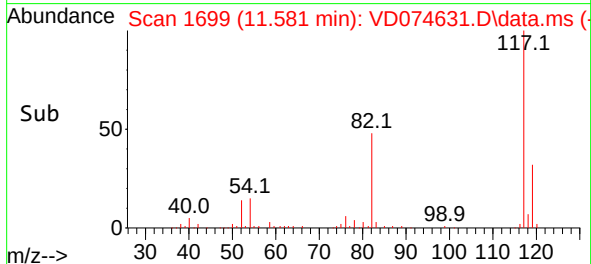
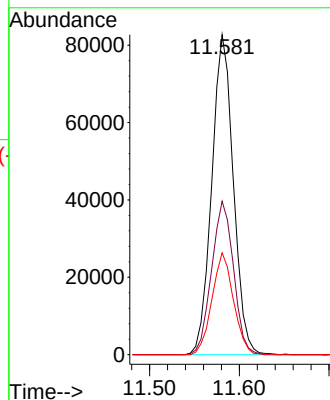
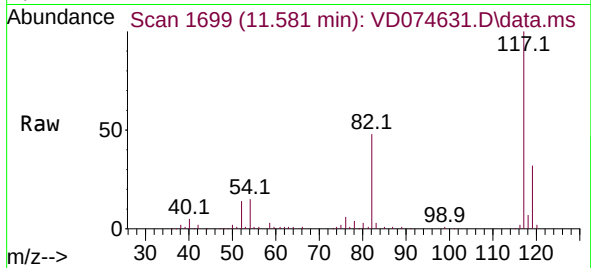




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074631.D
Acq: 25 Oct 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
SP-4

Tgt Ion:117 Resp: 138078
Ion Ratio Lower Upper
117 100
82 48.0 41.6 62.4
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074631.D
Acq: 25 Oct 2022 14:29

Tgt Ion:152 Resp: 58788
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 156.8 0.0 348.2

