

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074502.D
 Acq On : 10 Oct 2022 15:00
 Operator : VA/SY
 Sample : N5058-06
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW5-GW-843-845

Quant Time: Oct 11 08:21:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	122945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	75792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45918	42.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.080%
35) Dibromofluoromethane	7.804	113	58986	40.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.900%
50) Toluene-d8	10.269	98	233914	44.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.280%
62) 4-Bromofluorobenzene	12.569	95	59629	34.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.560%

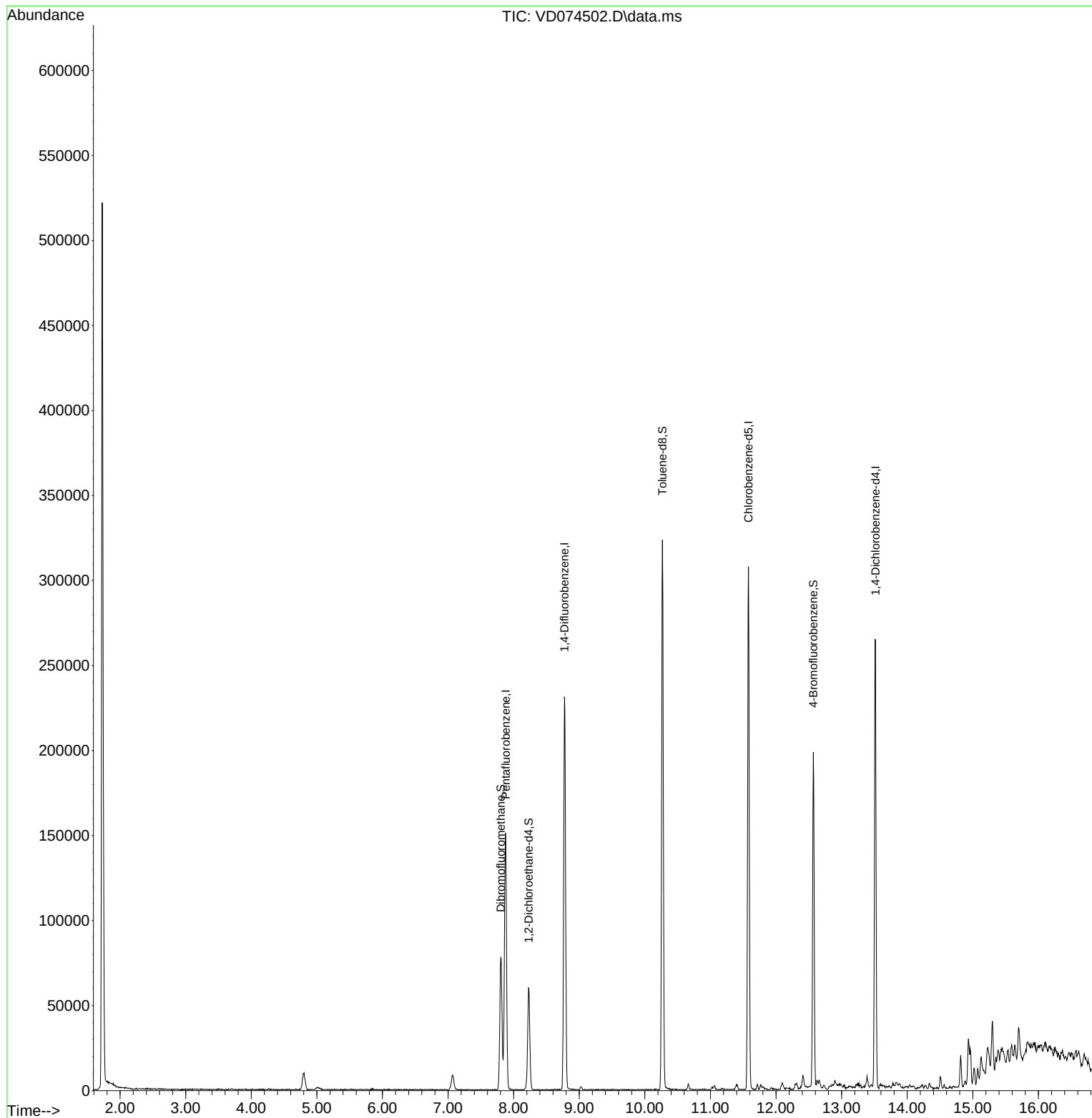
Target Compounds	Qvalue

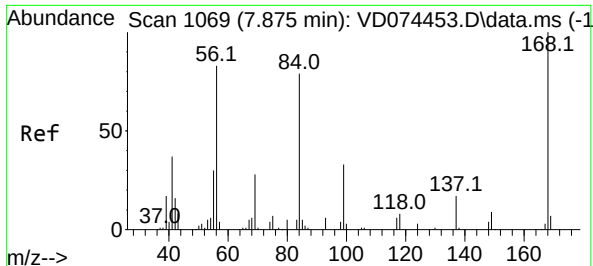
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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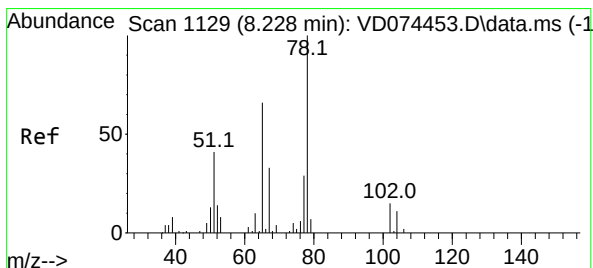
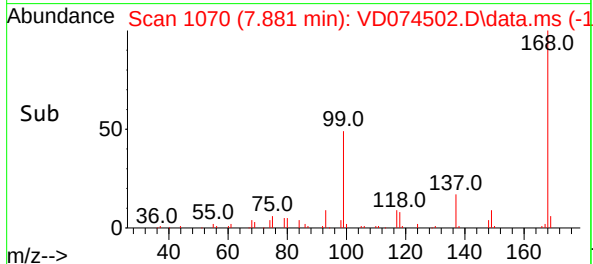
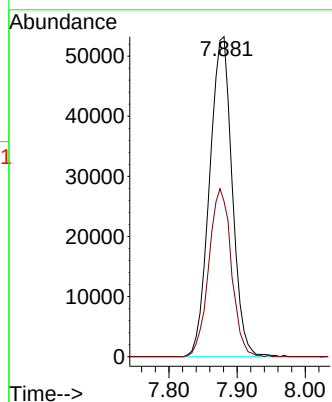
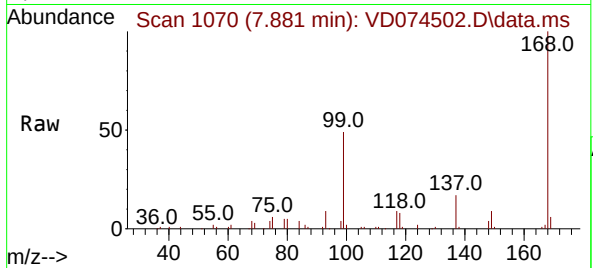




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

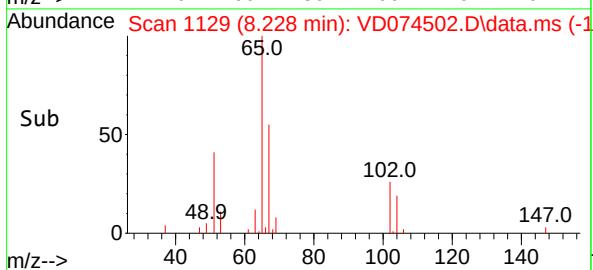
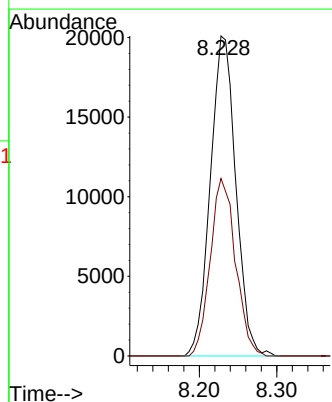
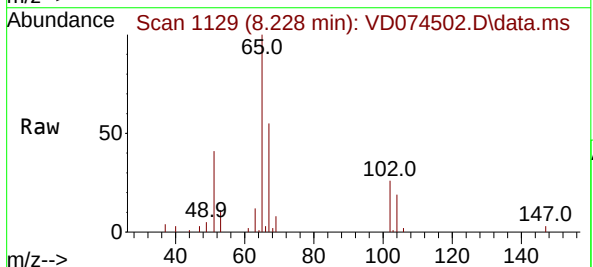
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-843-845

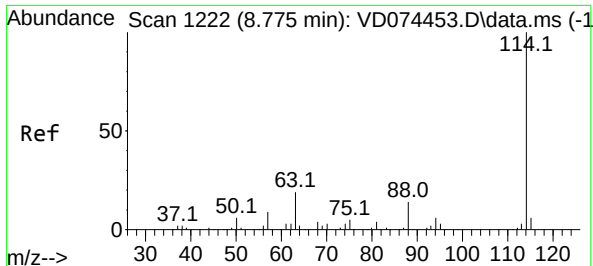
Tgt Ion:168 Resp: 122945
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 42.037 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

Tgt Ion: 65 Resp: 45918
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074502.D

Acq: 10 Oct 2022 15:00

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-843-845

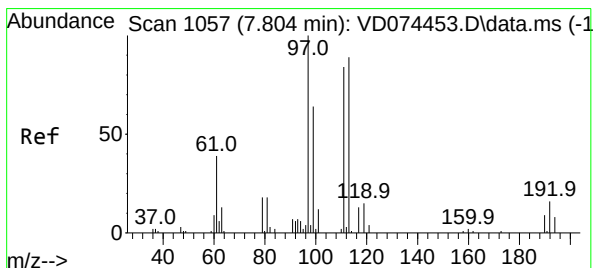
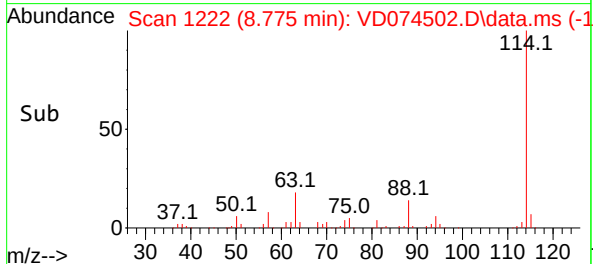
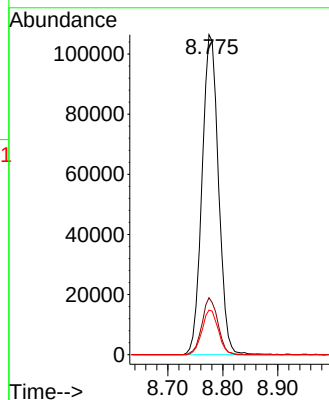
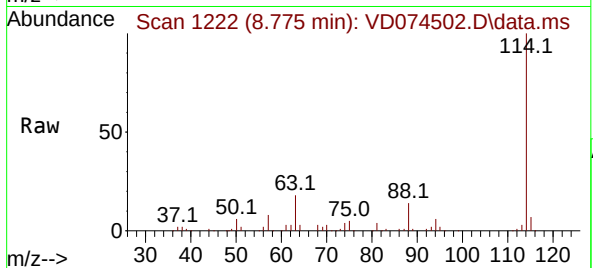
Tgt Ion:114 Resp: 221142

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 40.450 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074502.D

Acq: 10 Oct 2022 15:00

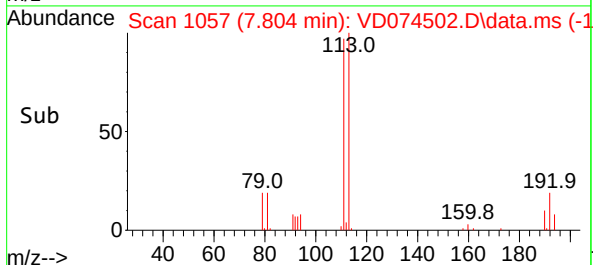
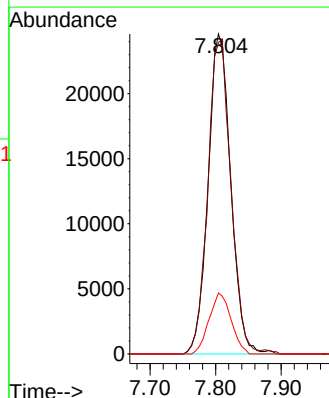
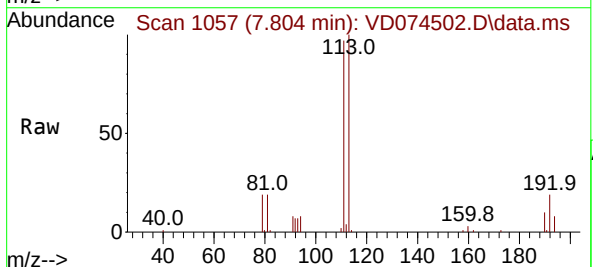
Tgt Ion:113 Resp: 58986

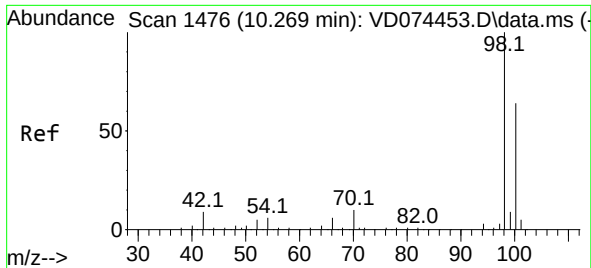
Ion Ratio Lower Upper

113 100

111 100.5 82.3 123.5

192 18.5 16.4 24.6

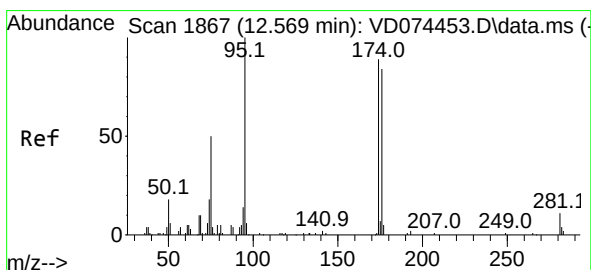
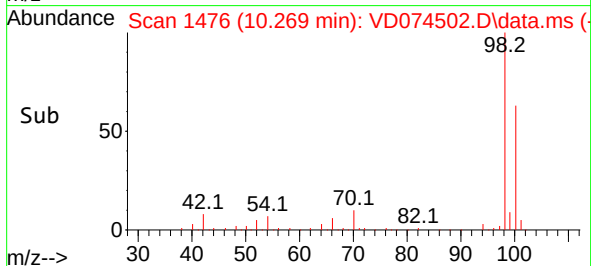
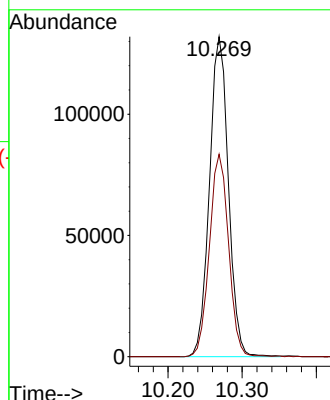
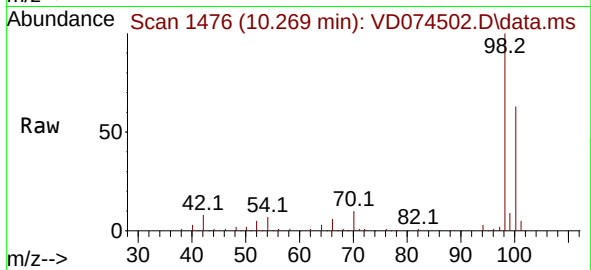




#50
Toluene-d8
Concen: 44.137 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

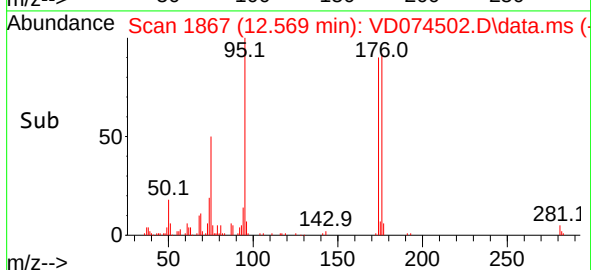
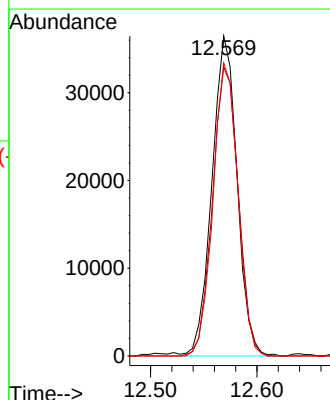
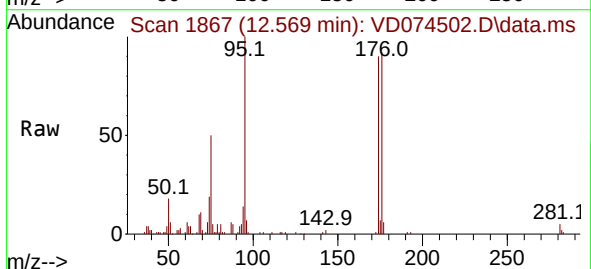
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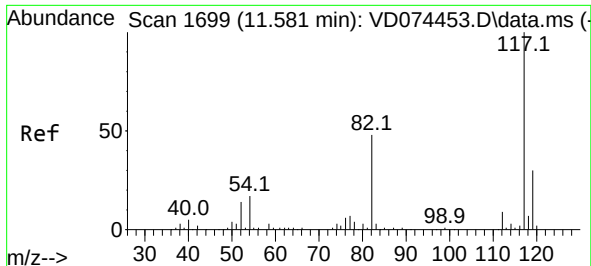
Tgt Ion: 98 Resp: 233914
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 34.284 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

Tgt Ion: 95 Resp: 59629
Ion Ratio Lower Upper
95 100
174 92.4 0.0 197.0
176 90.7 0.0 182.6

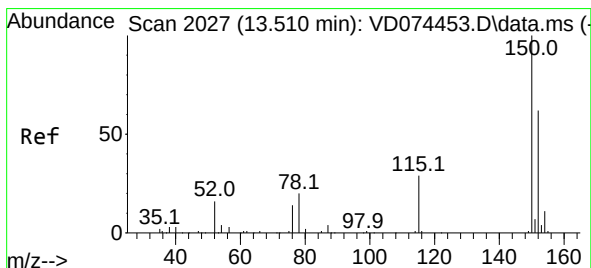
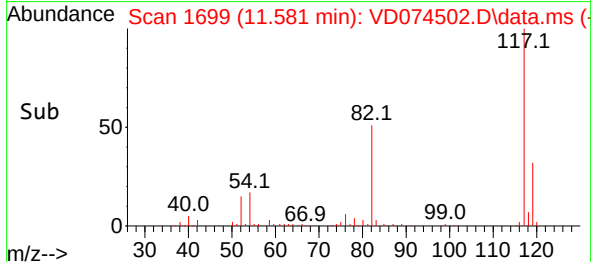
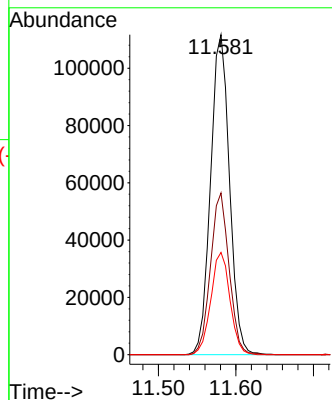
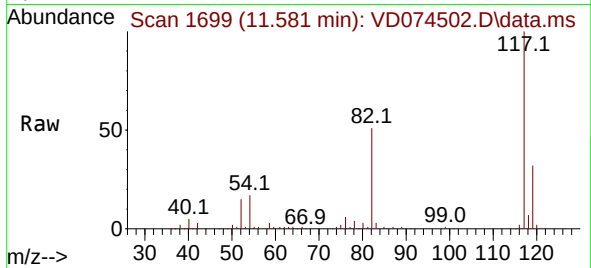




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074502.D
Acq: 10 Oct 2022 15:00

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-843-845

Tgt Ion:117 Resp: 189594
Ion Ratio Lower Upper
117 100
82 50.5 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: VD074502.D
Acq: 10 Oct 2022 15:00

Tgt Ion:152 Resp: 75792
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 156.8 0.0 348.2

