

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074498.D
 Acq On : 10 Oct 2022 13:07
 Operator : VA/SY
 Sample : VD1010SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1010SBL01

Quant Time: Oct 11 08:20:14 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	7.875	168	86175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	140942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44009	57.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.810	113	49991	48.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.480%
50) Toluene-d8	10.269	98	197849	52.183	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.569	95	54174	45.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.580%

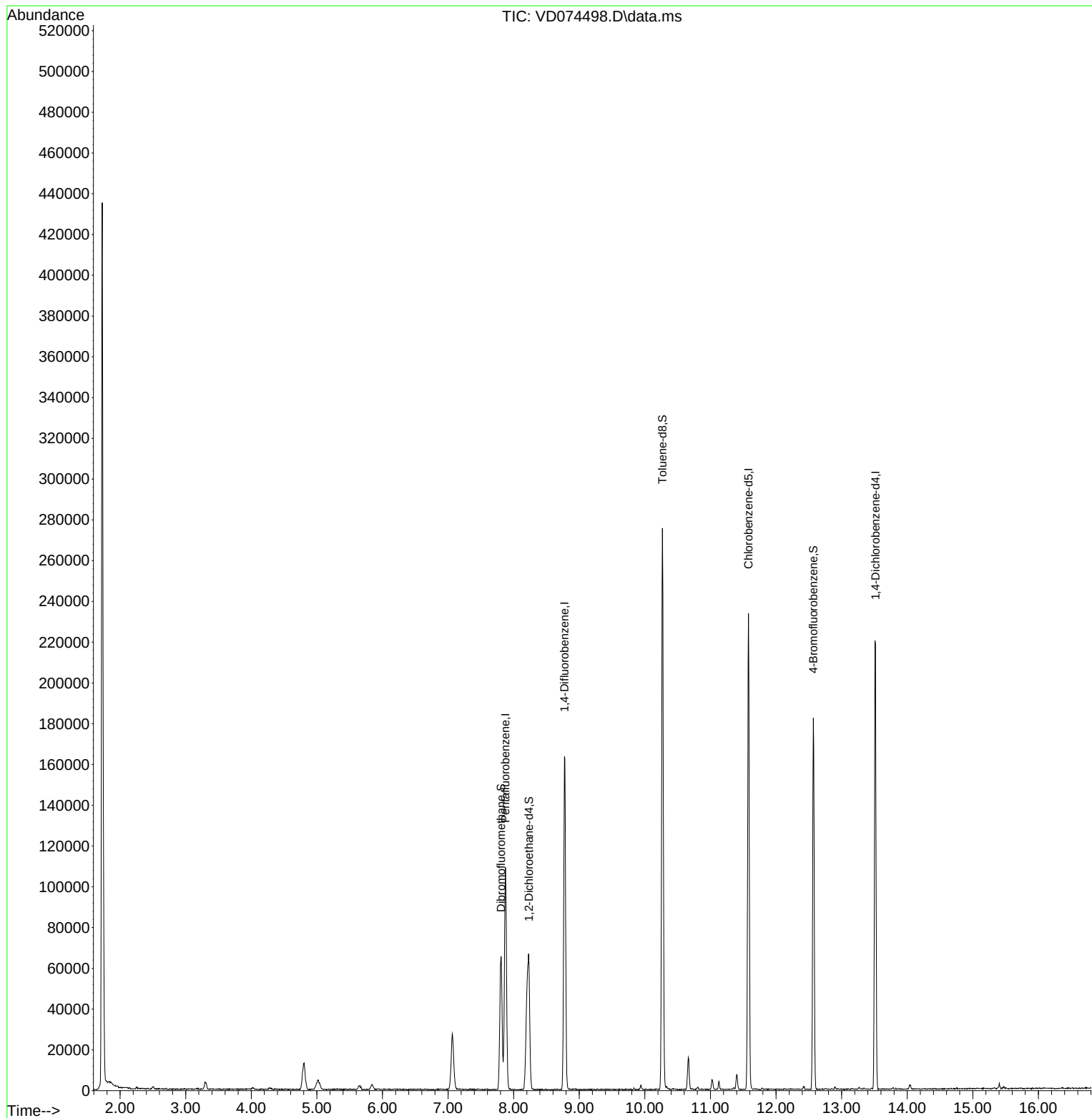
Target Compounds	Qvalue

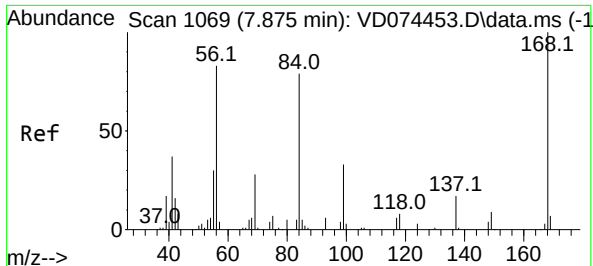
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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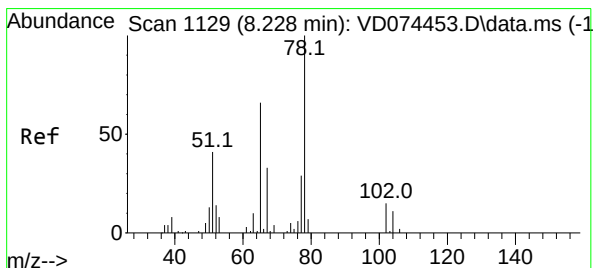
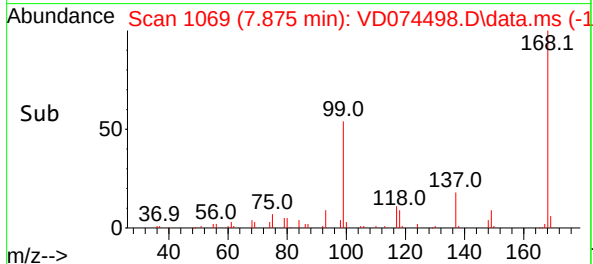
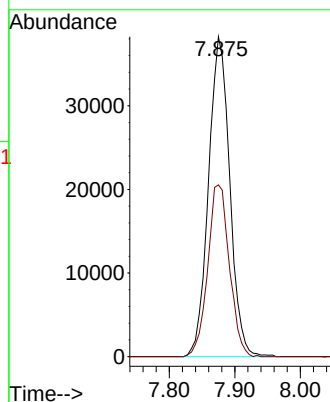
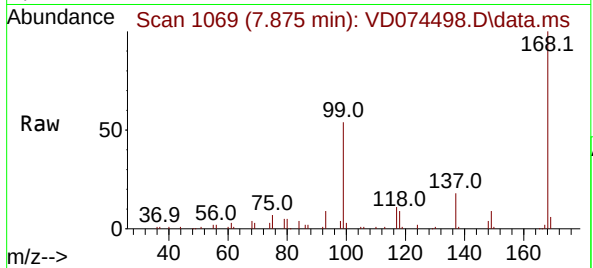




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

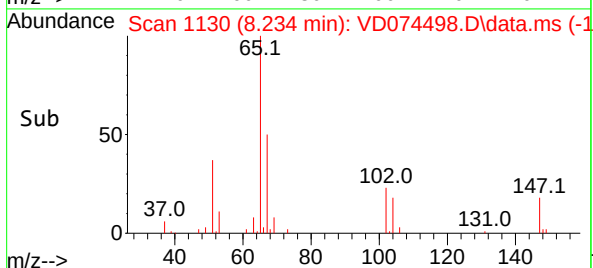
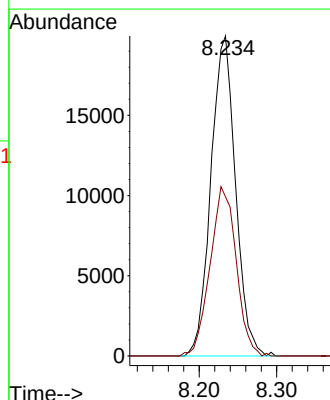
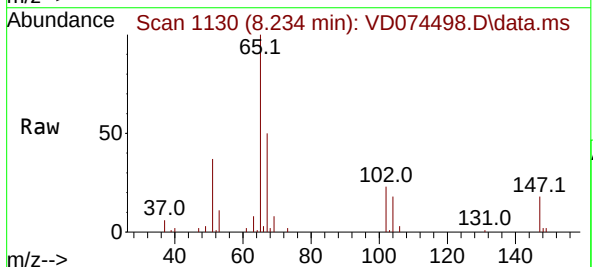
Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

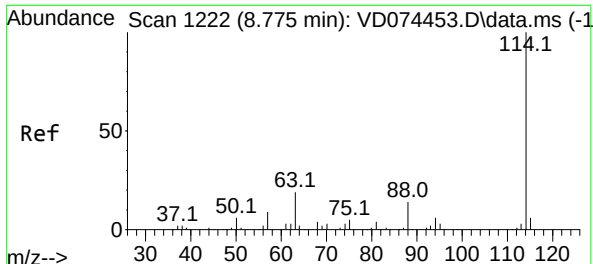
Tgt Ion:168 Resp: 86175
Ion Ratio Lower Upper
168 100
99 53.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 57.480 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion: 65 Resp: 44009
Ion Ratio Lower Upper
65 100
67 56.1 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: VD074498.D

Acq: 10 Oct 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1010SBL01

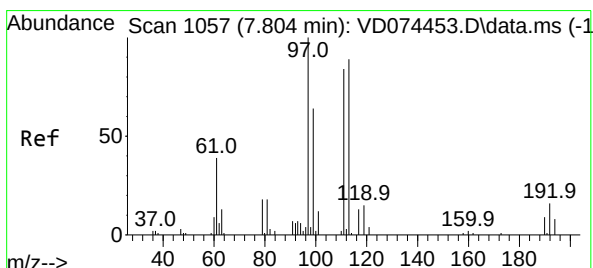
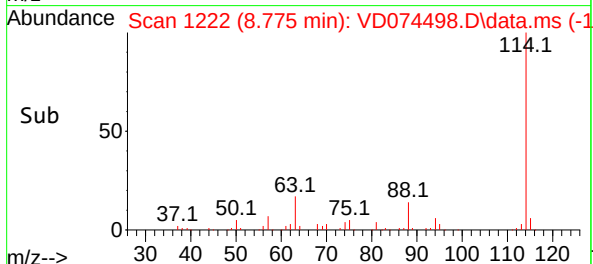
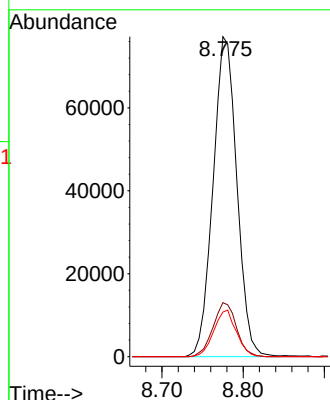
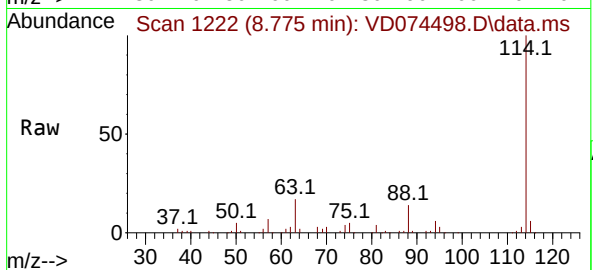
Tgt Ion:114 Resp: 157165

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 48.237 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074498.D

Acq: 10 Oct 2022 13:07

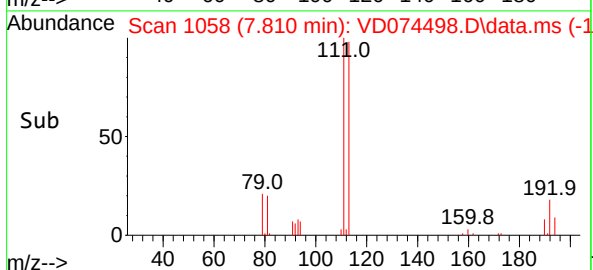
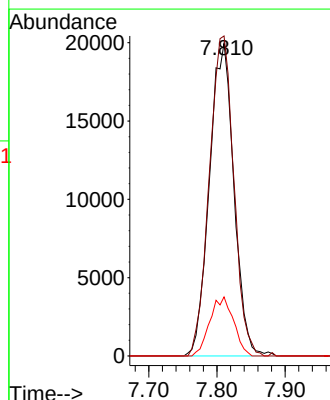
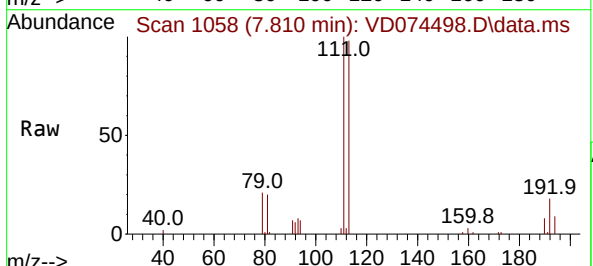
Tgt Ion:113 Resp: 49991

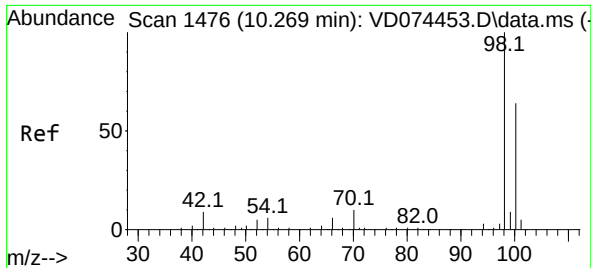
Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

192 18.3 16.4 24.6

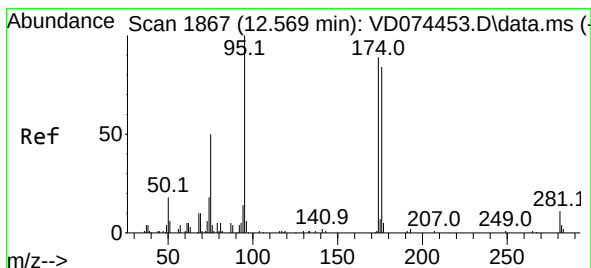
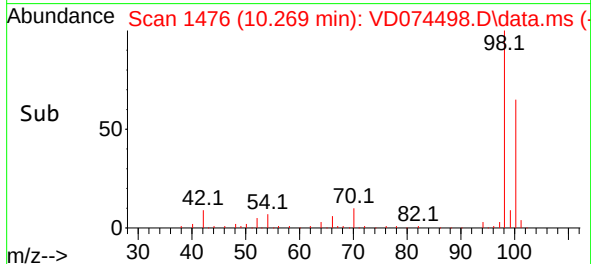
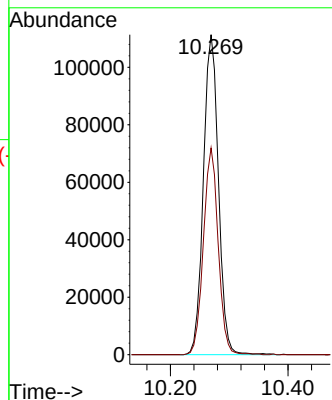
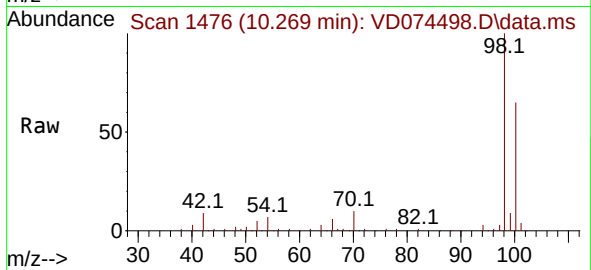




#50
Toluene-d8
Concen: 52.183 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

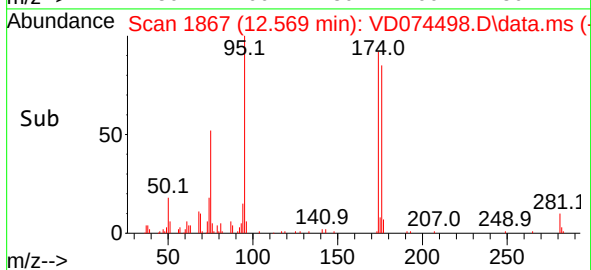
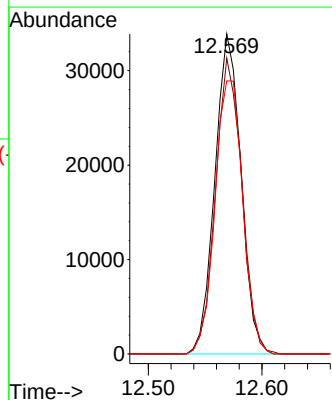
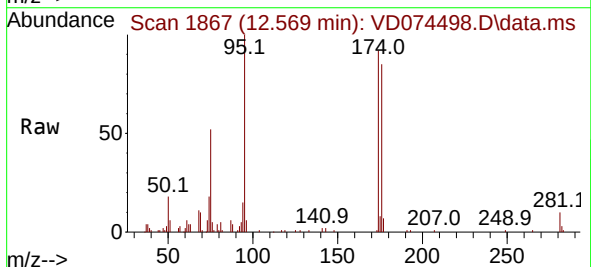
Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

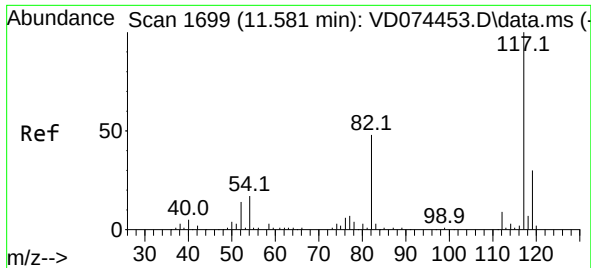
Tgt Ion: 98 Resp: 197849
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.790 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion: 95 Resp: 54174
Ion Ratio Lower Upper
95 100
174 93.2 0.0 197.0
176 91.0 0.0 182.6

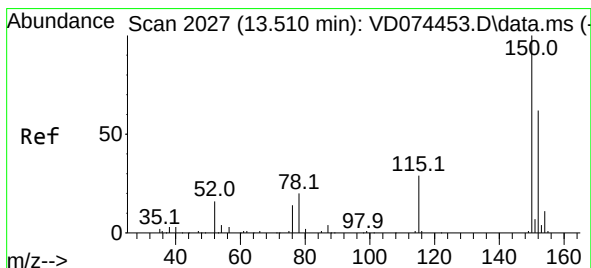
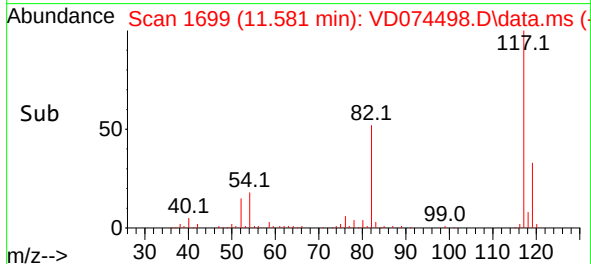
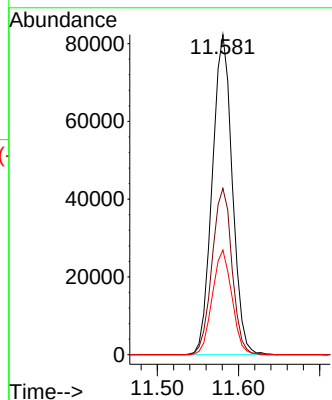
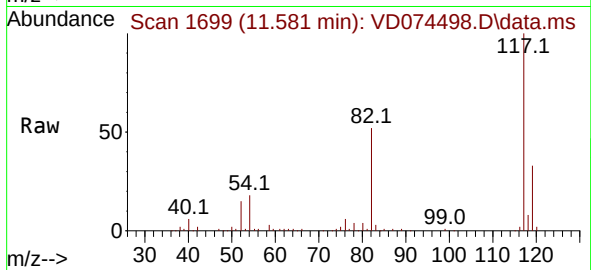




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

Tgt Ion:117 Resp: 140942
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074498.D
Acq: 10 Oct 2022 13:07

Tgt Ion:152 Resp: 62753
Ion Ratio Lower Upper
152 100
115 56.0 26.8 80.4
150 157.9 0.0 348.2

