

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100522\
 Data File : VD074456.D
 Acq On : 05 Oct 2022 16:14
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 06 01:56:26 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	111265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	192630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	79212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52757	53.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.740%
35) Dibromofluoromethane	7.805	113	60874	47.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.840%
50) Toluene-d8	10.269	98	243649	52.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.569	95	69696	48.414	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.820%

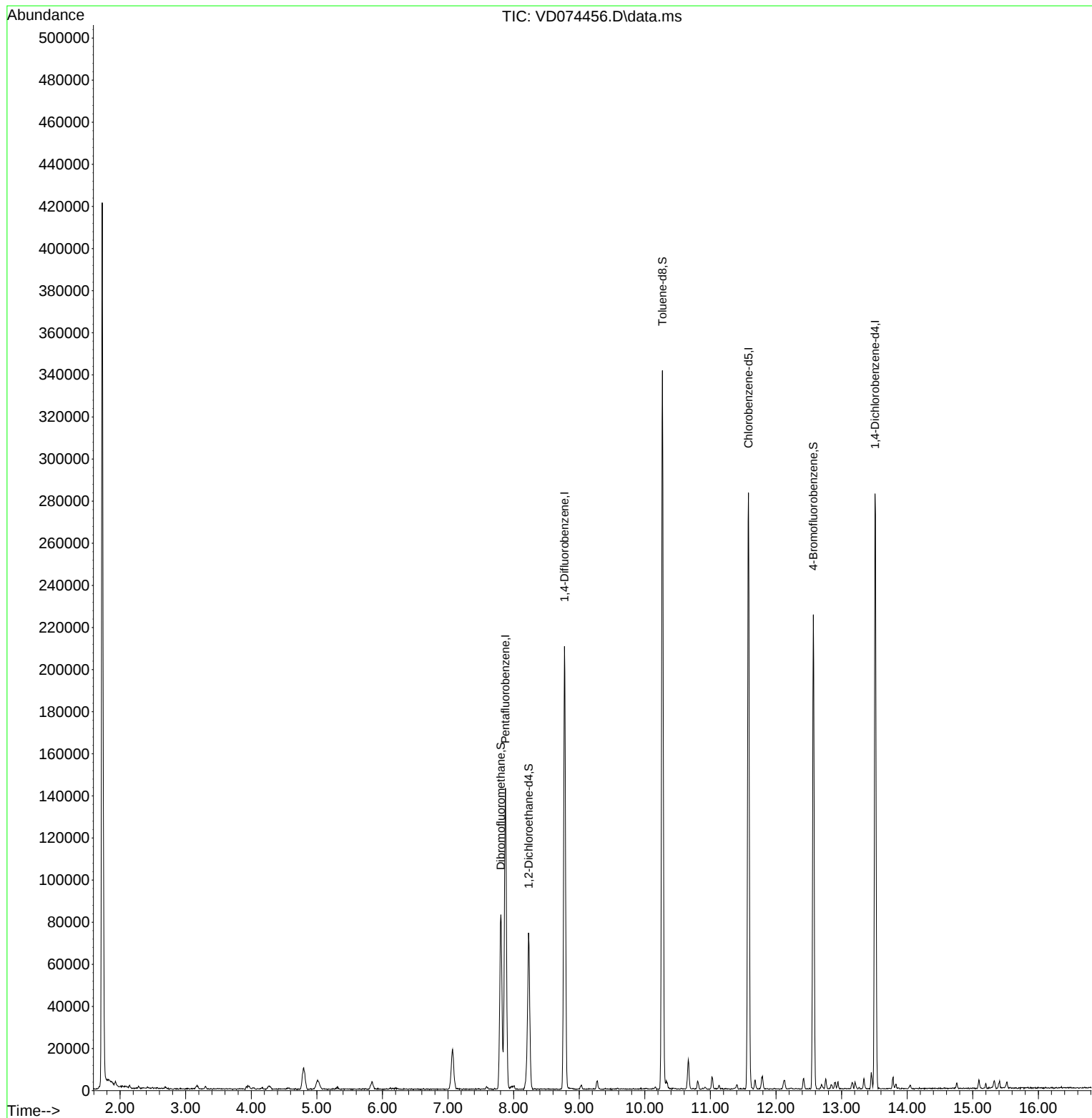
Target Compounds	Qvalue

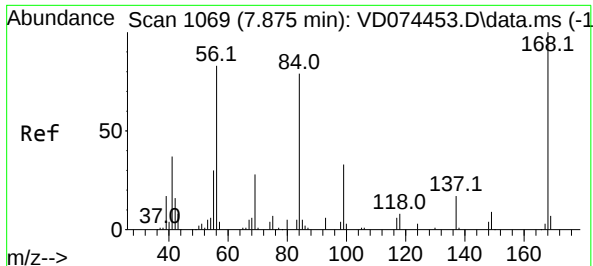
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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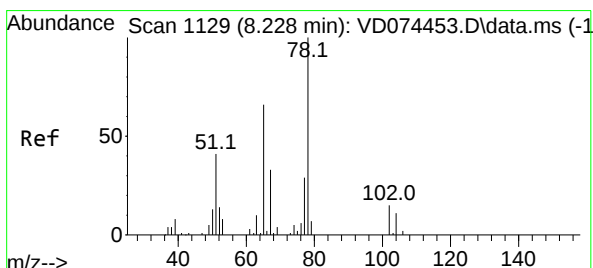
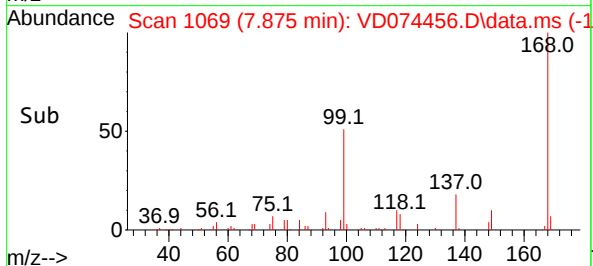
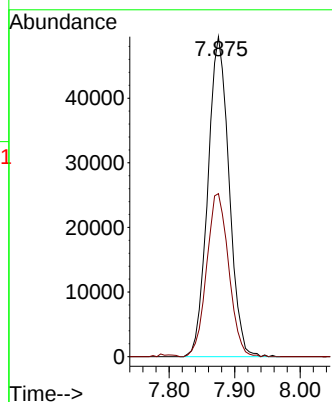
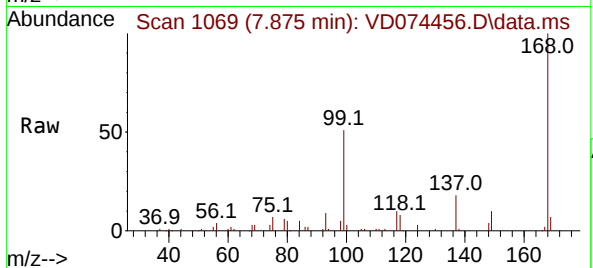




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074456.D
Acq: 05 Oct 2022 16:14

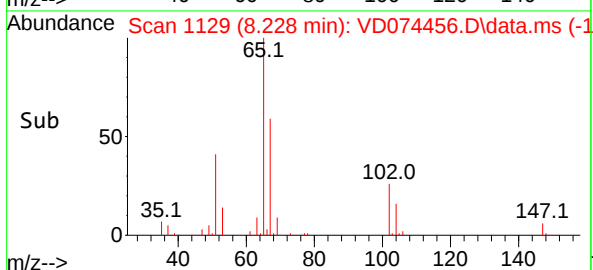
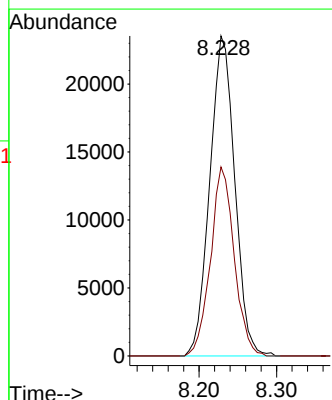
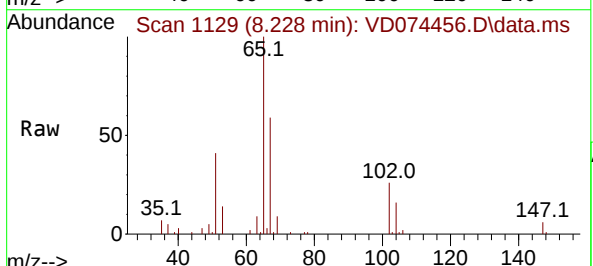
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

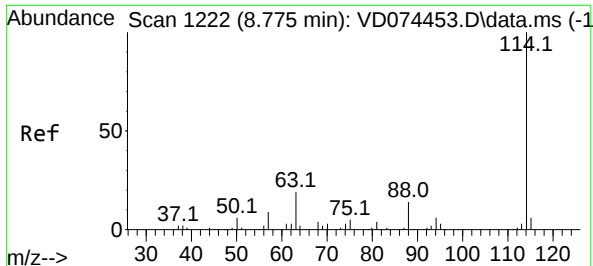
Tgt Ion:168 Resp: 111265
Ion Ratio Lower Upper
168 100
99 51.0 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 53.368 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074456.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 65 Resp: 52757
Ion Ratio Lower Upper
65 100
67 56.0 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: VD074456.D

Acq: 05 Oct 2022 16:14

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

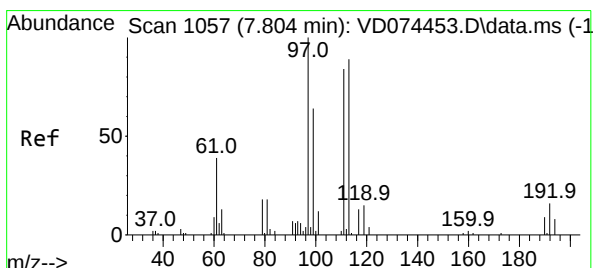
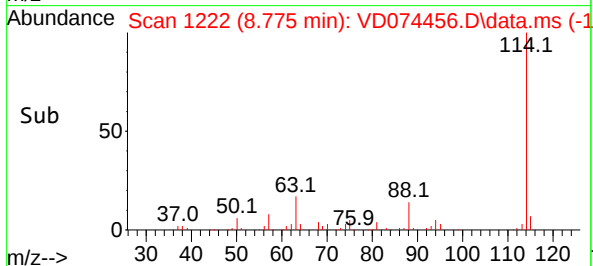
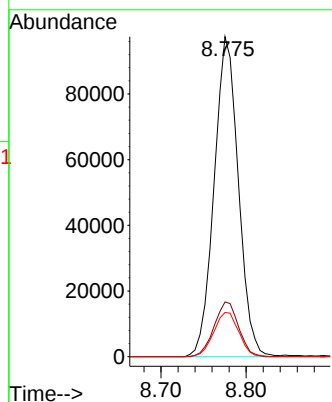
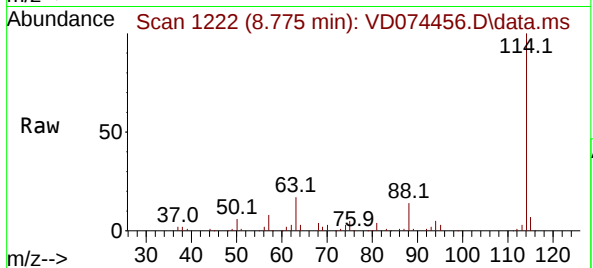
Tgt Ion:114 Resp: 192630

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 47.924 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074456.D

Acq: 05 Oct 2022 16:14

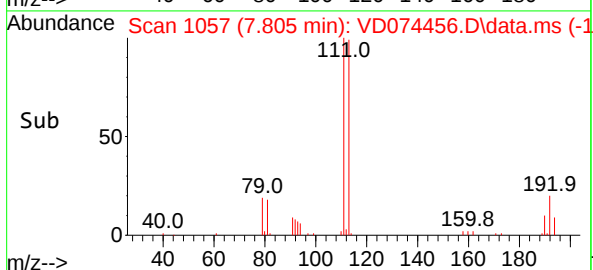
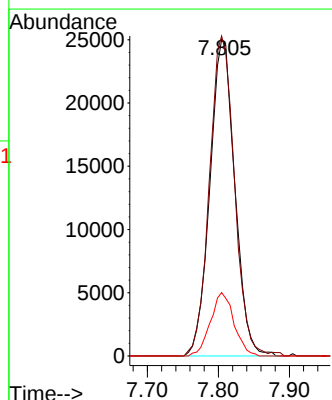
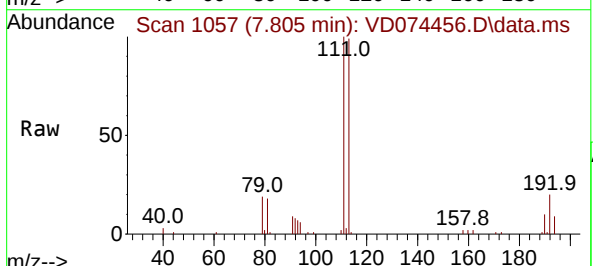
Tgt Ion:113 Resp: 60874

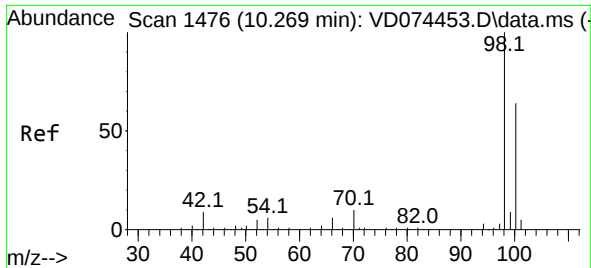
Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

192 18.9 16.4 24.6

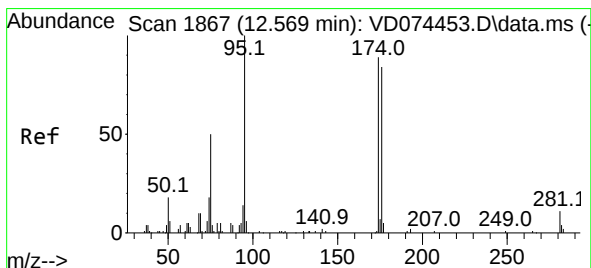
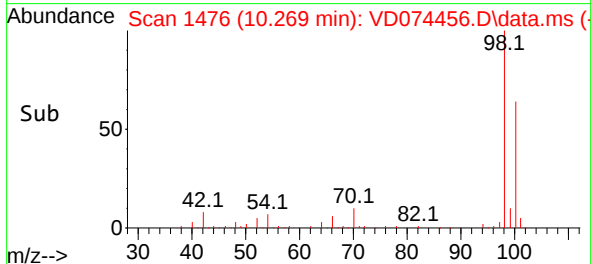
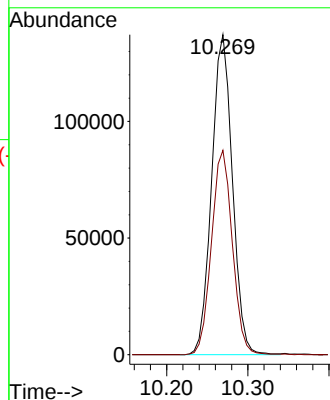
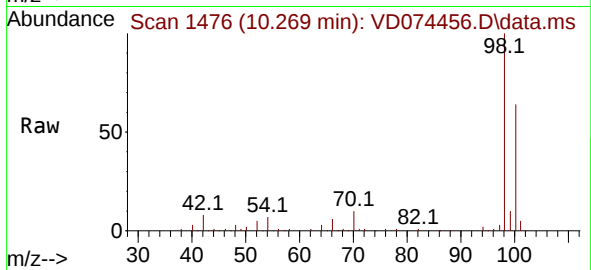




#50
Toluene-d8
Concen: 52.423 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074456.D
Acq: 05 Oct 2022 16:14

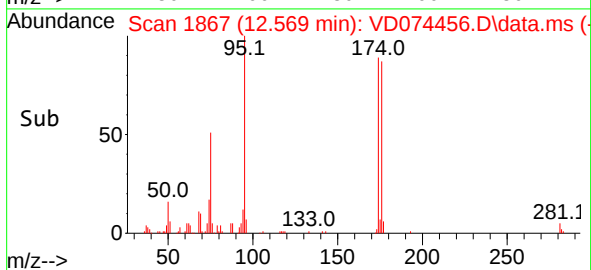
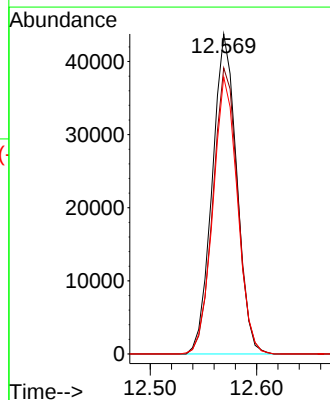
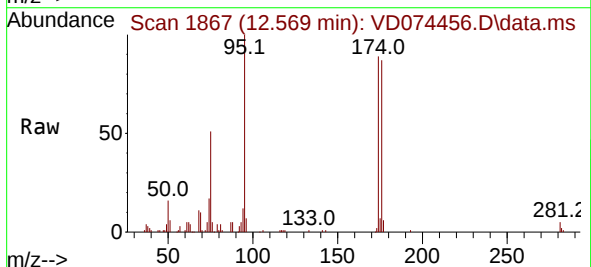
Instrument :
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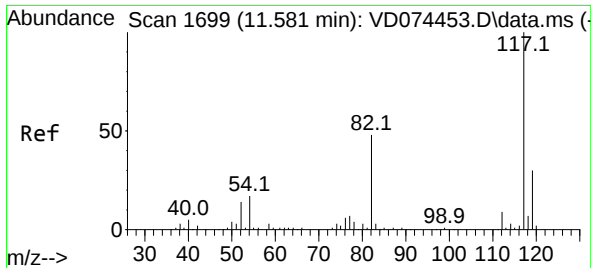
Tgt Ion: 98 Resp: 243649
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.414 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074456.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 95 Resp: 69696
Ion Ratio Lower Upper
95 100
174 90.5 0.0 197.0
176 86.6 0.0 182.6

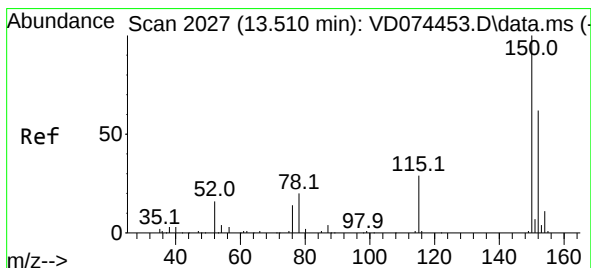
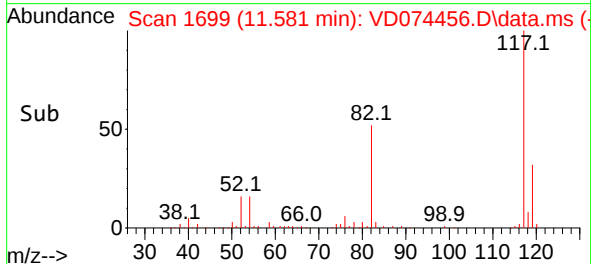
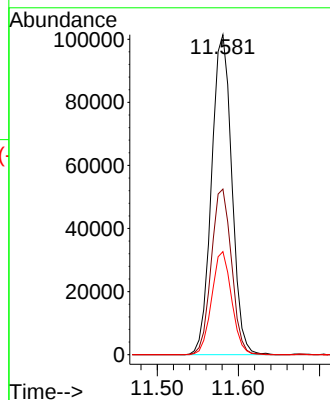
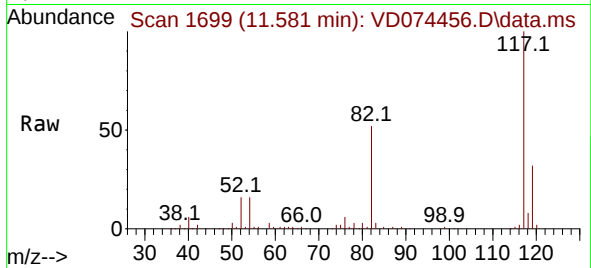




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074456.D
Acq: 05 Oct 2022 16:14

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 175948
Ion Ratio Lower Upper
117 100
82 51.8 41.6 62.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074456.D
Acq: 05 Oct 2022 16:14

Tgt Ion:152 Resp: 79212
Ion Ratio Lower Upper
152 100
115 55.5 26.8 80.4
150 159.8 0.0 348.2

