

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074612.D
 Acq On : 21 Oct 2022 13:36
 Operator : VA/SY
 Sample : N5220-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HFI-CON-1020

Quant Time: Oct 21 23:10:25 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	115969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	69323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52894	59.740	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.480%
35) Dibromofluoromethane	7.805	113	43377	38.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.880%
50) Toluene-d8	10.269	98	244647	61.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.360%
62) 4-Bromofluorobenzene	12.569	95	63132	55.071	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.140%

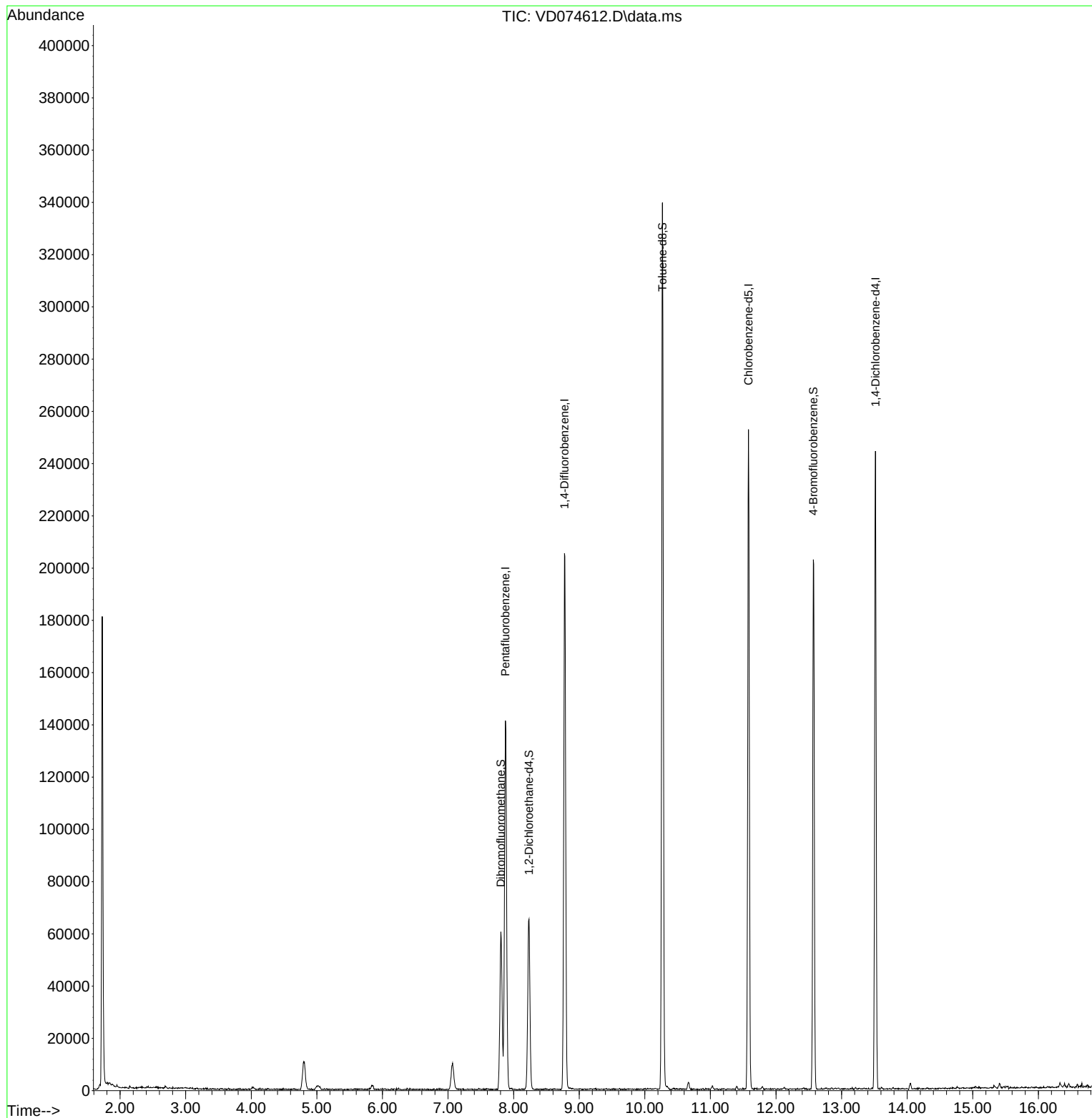
Target Compounds	Qvalue

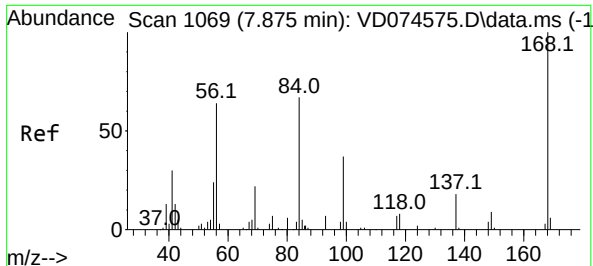
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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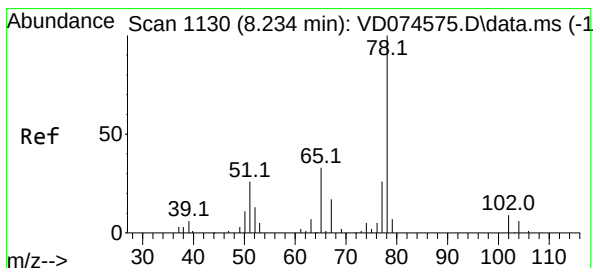
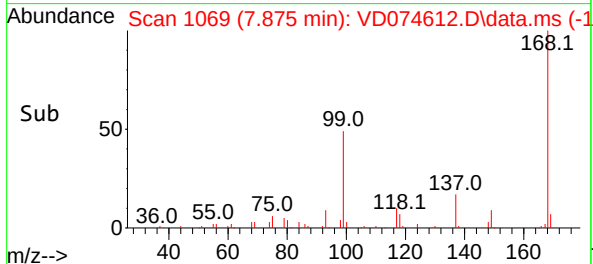
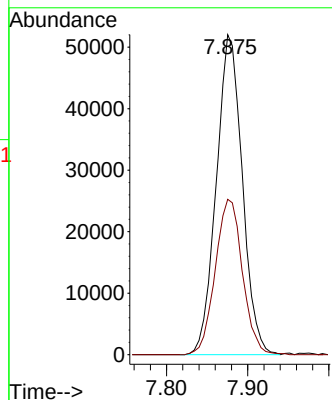
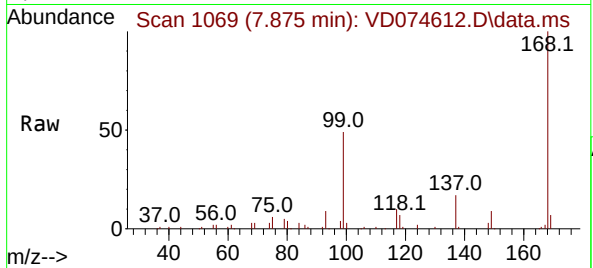




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074612.D
Acq: 21 Oct 2022 13:36

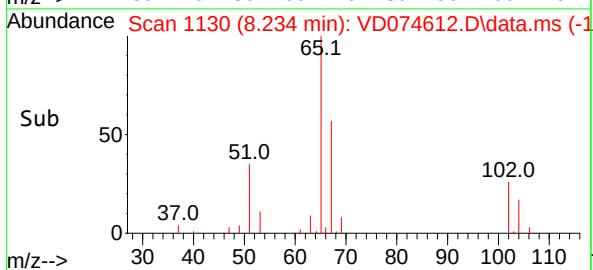
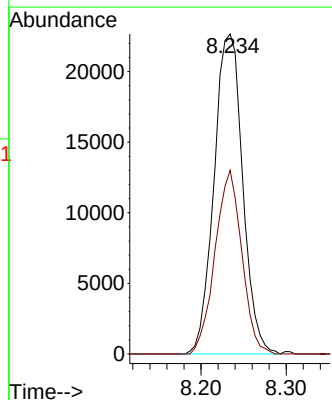
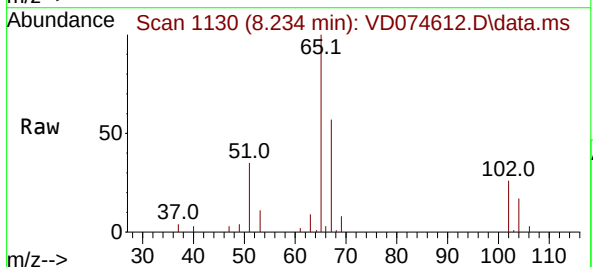
Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

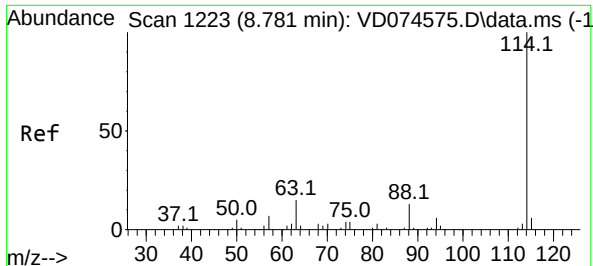
Tgt Ion:168 Resp: 115969
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 59.740 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074612.D
Acq: 21 Oct 2022 13:36

Tgt Ion: 65 Resp: 52894
Ion Ratio Lower Upper
65 100
67 53.6 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: VD074612.D

Acq: 21 Oct 2022 13:36

Instrument :

MSVOA_D

ClientSampleId :

HFI-CON-1020

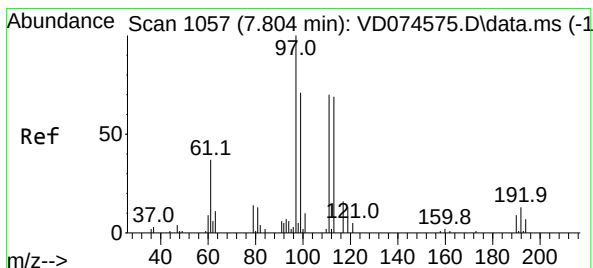
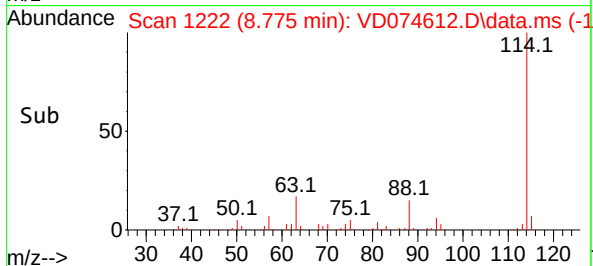
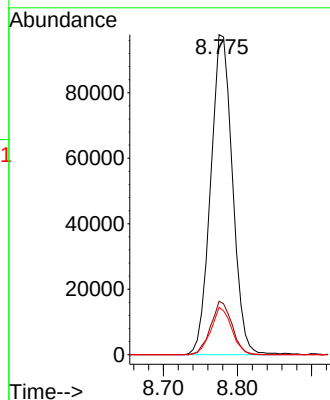
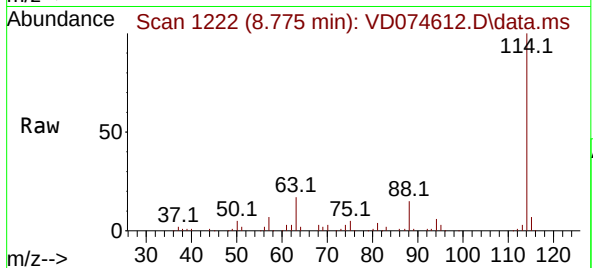
Tgt Ion:114 Resp: 199803

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 14.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 38.941 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074612.D

Acq: 21 Oct 2022 13:36

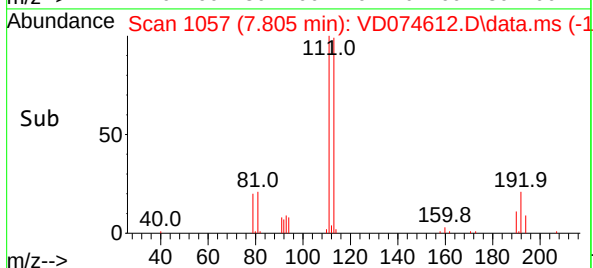
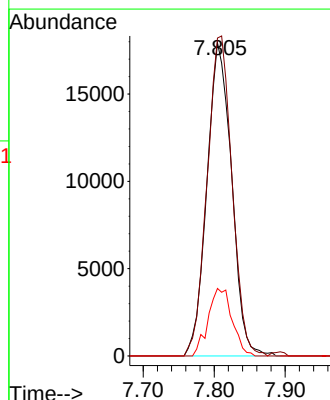
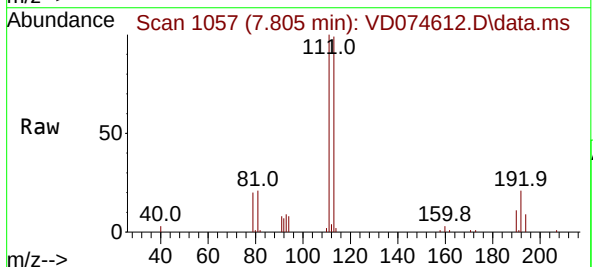
Tgt Ion:113 Resp: 43377

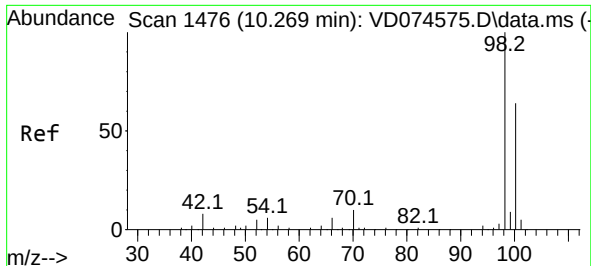
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 20.9 16.4 24.6

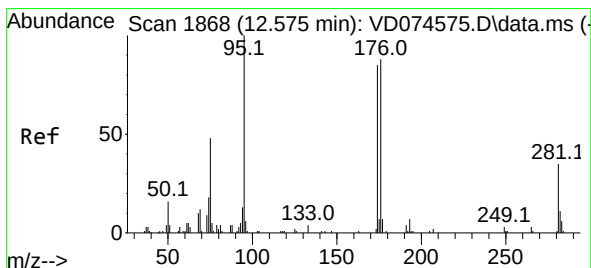
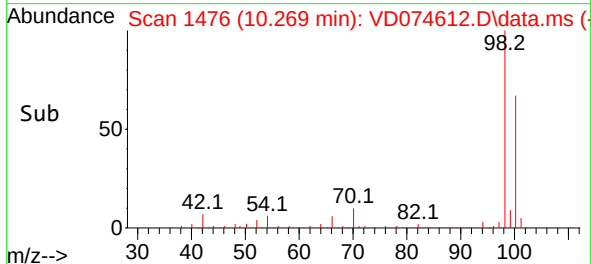
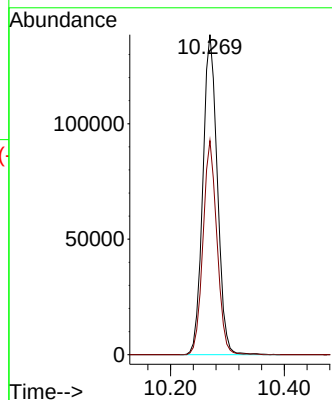
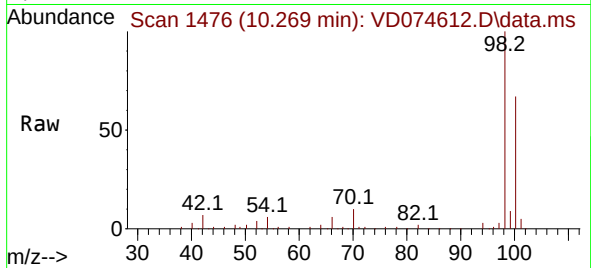




#50
Toluene-d8
Concen: 61.175 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074612.D
Acq: 21 Oct 2022 13:36

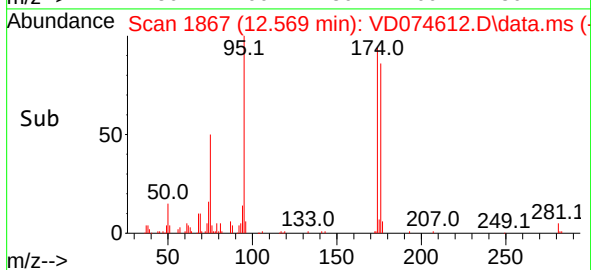
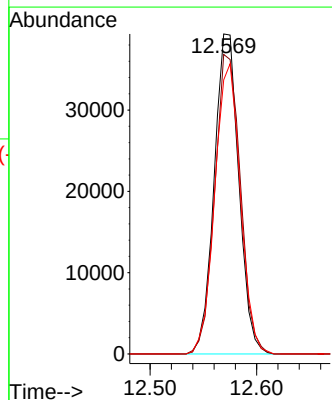
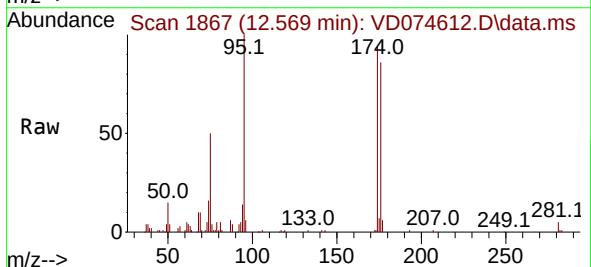
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HFI-CON-1020

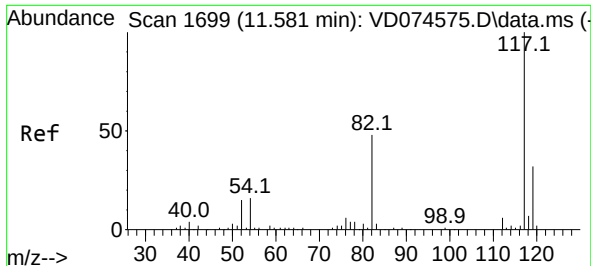
Tgt Ion: 98 Resp: 244647
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.071 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074612.D
Acq: 21 Oct 2022 13:36

Tgt Ion: 95 Resp: 63132
Ion Ratio Lower Upper
95 100
174 97.4 0.0 197.0
176 94.0 0.0 182.6

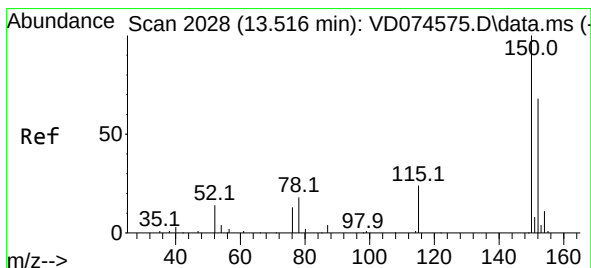
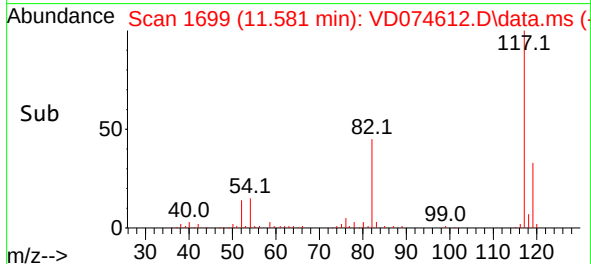
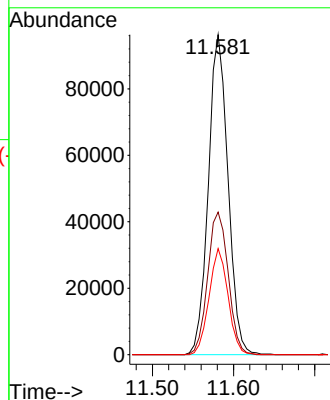
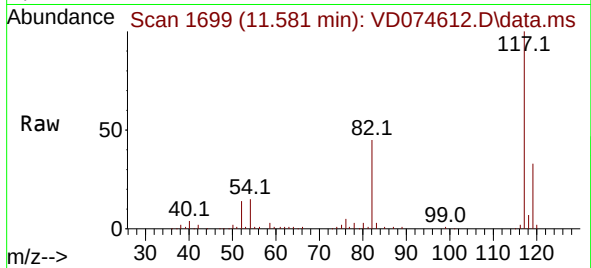




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074612.D
Acq: 21 Oct 2022 13:36

Instrument :
MSVOA_D
ClientSampleId :
HFI-CON-1020

Tgt Ion:117 Resp: 161989
Ion Ratio Lower Upper
117 100
82 44.6 41.6 62.4
119 33.2 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: VD074612.D
Acq: 21 Oct 2022 13:36

Tgt Ion:152 Resp: 69323
Ion Ratio Lower Upper
152 100
115 55.3 26.8 80.4
150 158.8 0.0 348.2

