

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074226.D
 Acq On : 24 Aug 2022 16:35
 Operator : VA/SY
 Sample : N4272-05
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124035

Quant Time: Aug 24 16:55:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	80475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	146758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	148657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	66808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	65411	79.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.080%
35) Dibromofluoromethane	7.908	113	53189	54.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.360%
50) Toluene-d8	10.332	98	152830	48.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.620	95	53454	42.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.660%

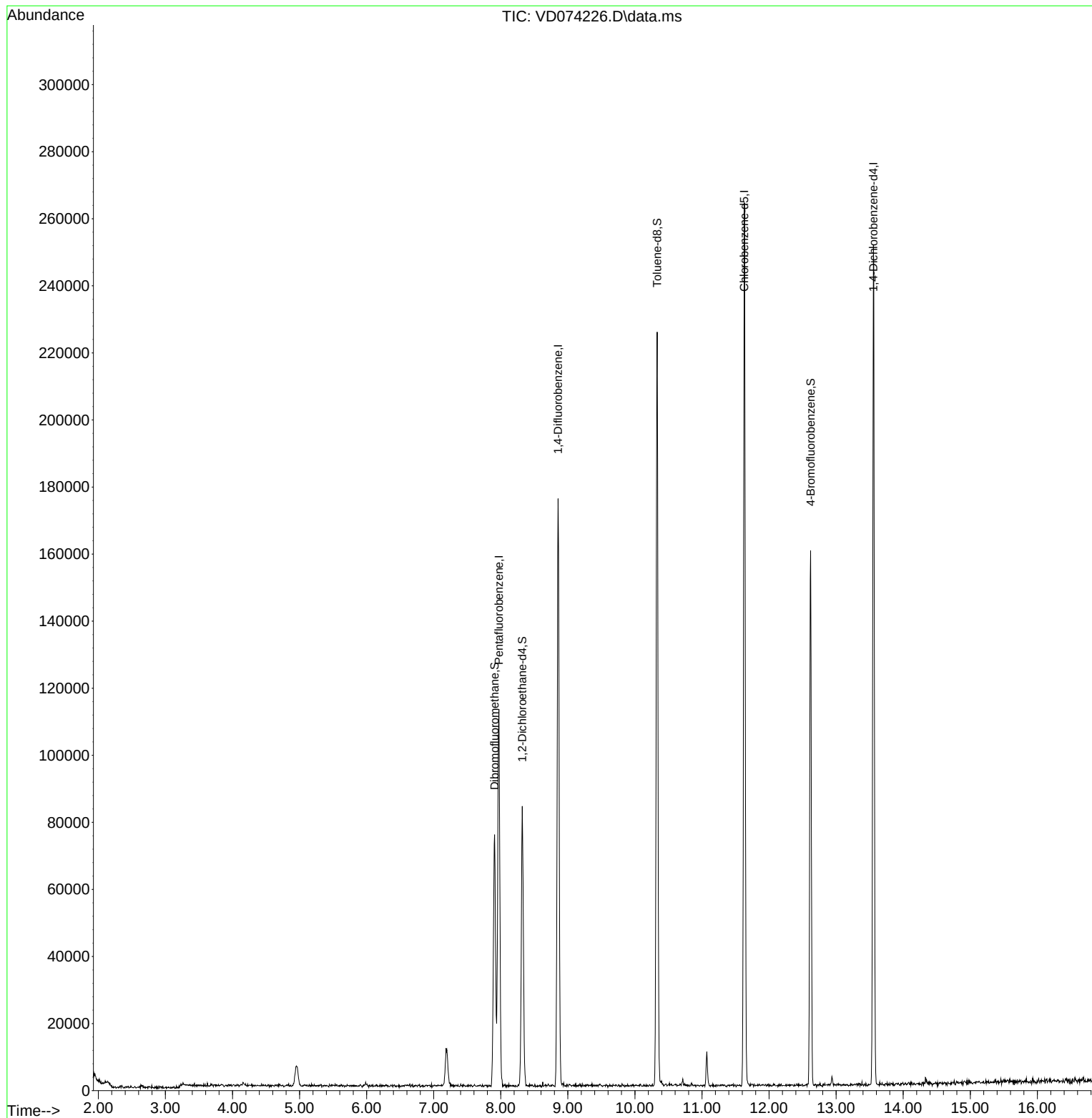
Target Compounds	Qvalue

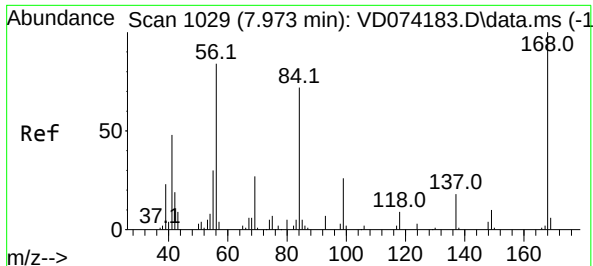
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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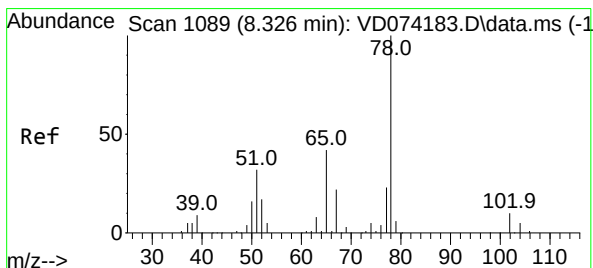
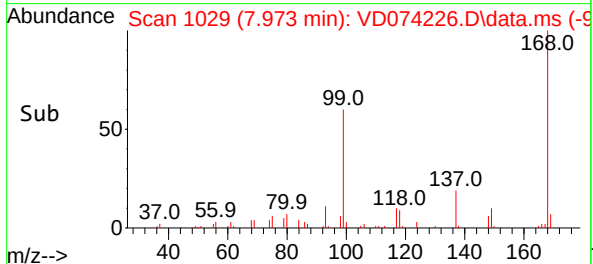
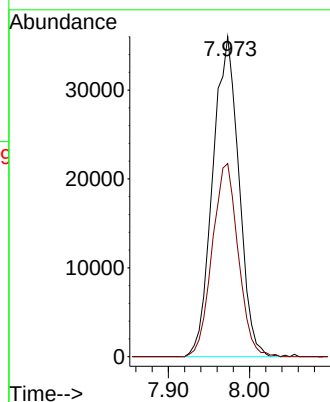
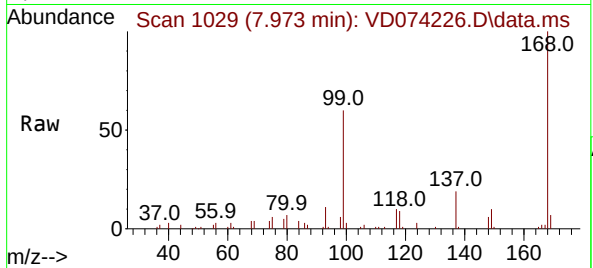




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

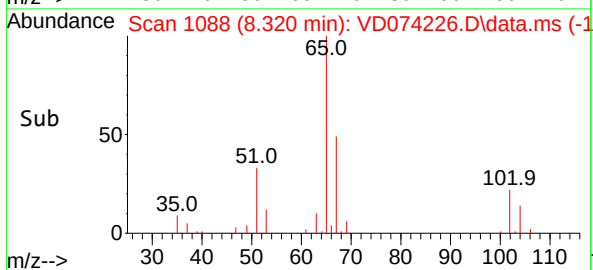
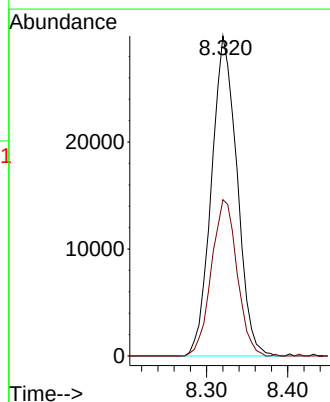
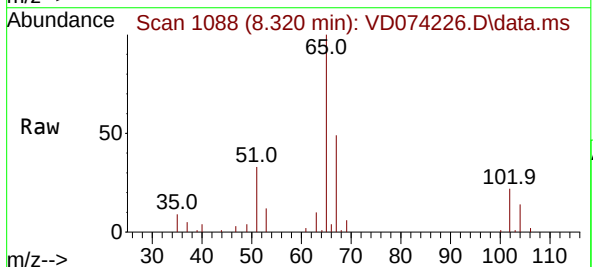
Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

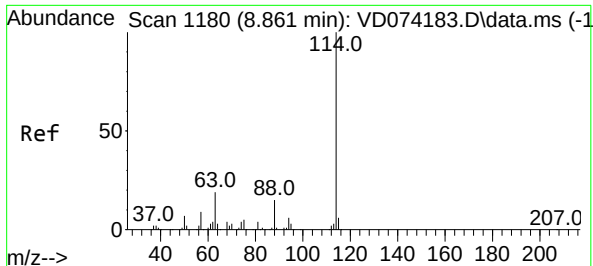
Tgt Ion:168 Resp: 80475
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 79.543 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Tgt Ion: 65 Resp: 65411
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074226.D

Acq: 24 Aug 2022 16:35

Instrument :

MSVOA_D

ClientSampleId :

PSC-124035

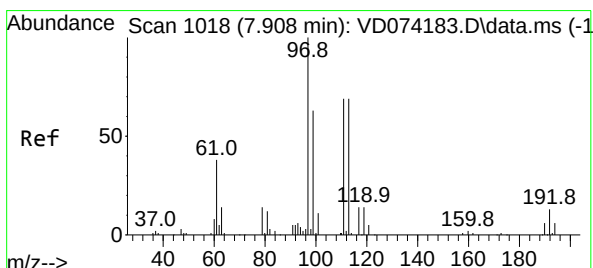
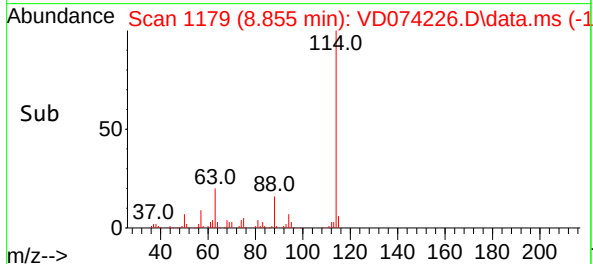
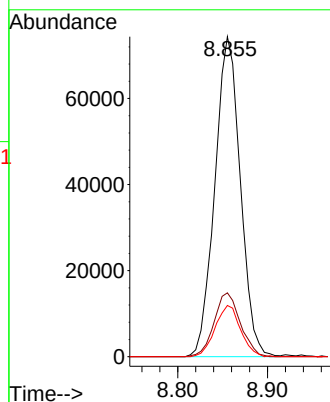
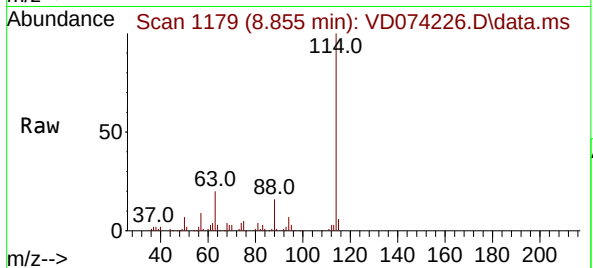
Tgt Ion:114 Resp: 146758

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.184 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074226.D

Acq: 24 Aug 2022 16:35

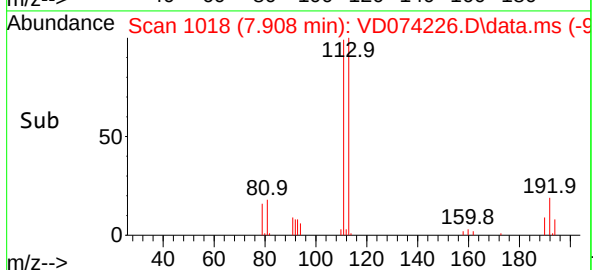
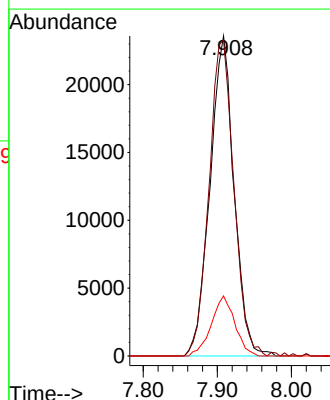
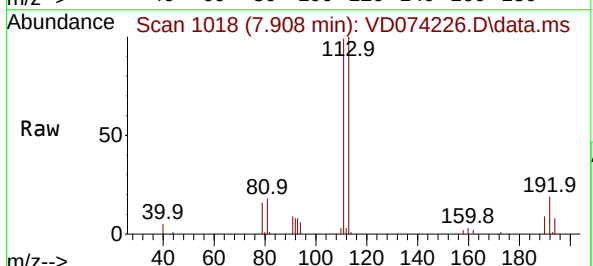
Tgt Ion:113 Resp: 53189

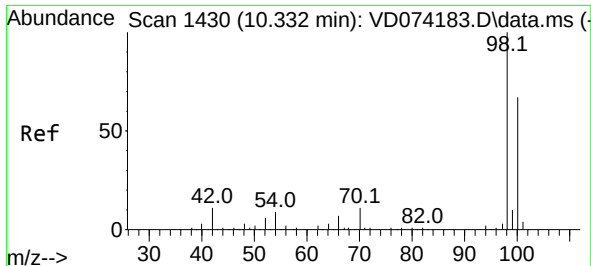
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 18.4 14.6 21.8

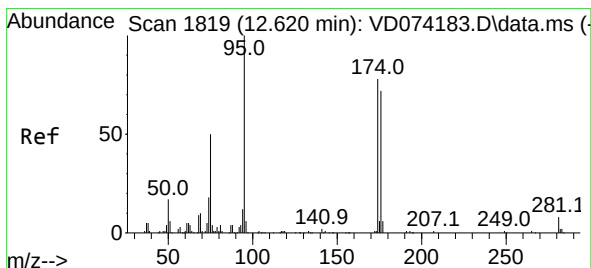
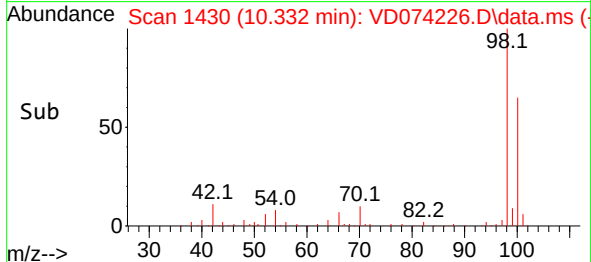
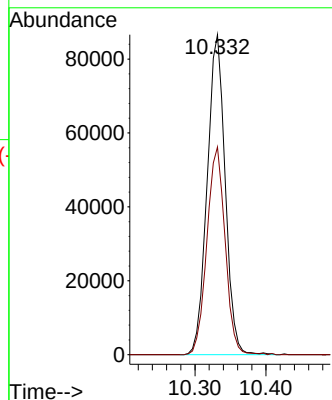
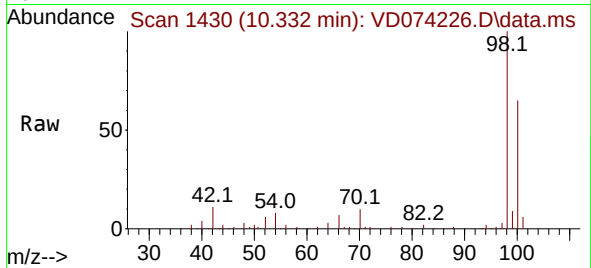




#50
Toluene-d8
Concen: 48.374 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

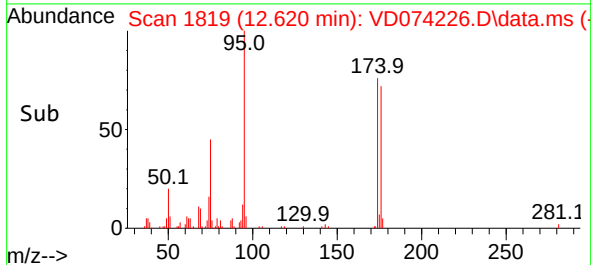
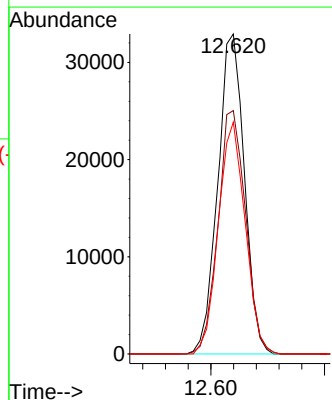
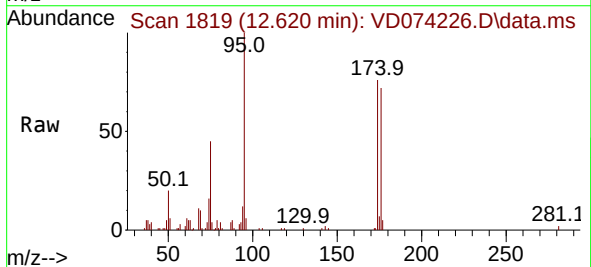
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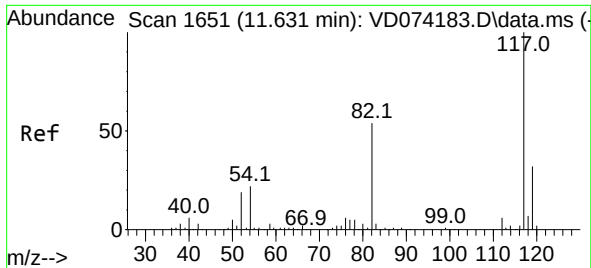
Tgt Ion: 98 Resp: 152830
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Tgt Ion: 95 Resp: 53454
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 73.2 0.0 145.4

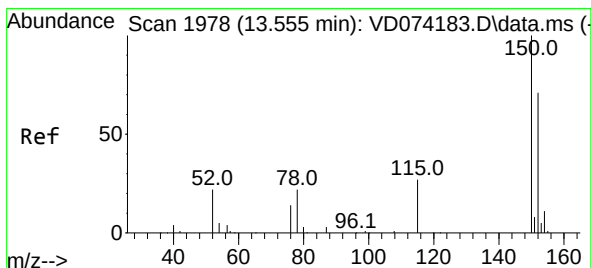
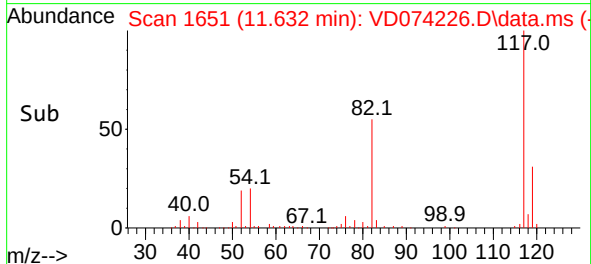
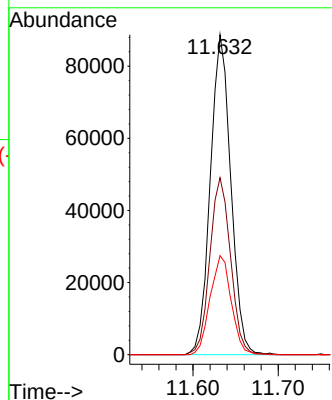
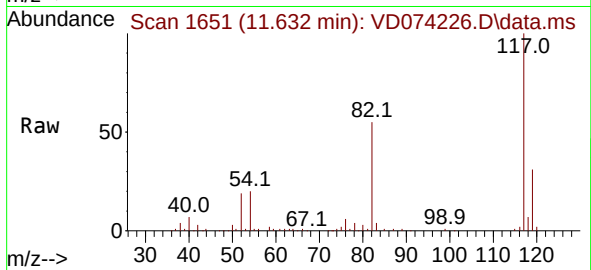




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

Tgt Ion:117 Resp: 148657
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074226.D
Acq: 24 Aug 2022 16:35

Tgt Ion:152 Resp: 66808
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 158.2 0.0 348.6

