

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070895.D
 Acq On : 28 Oct 2021 16:51
 Operator : VA/SY
 Sample : M4395-01
 Misc : 2.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-FFS

Quant Time: Oct 29 06:35:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	664493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1115269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1062484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	505614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	291199	43.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.140%
35) Dibromofluoromethane	7.909	113	348416	47.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.760%
50) Toluene-d8	10.332	98	1389864	50.239	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.620	95	457557	50.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.260%

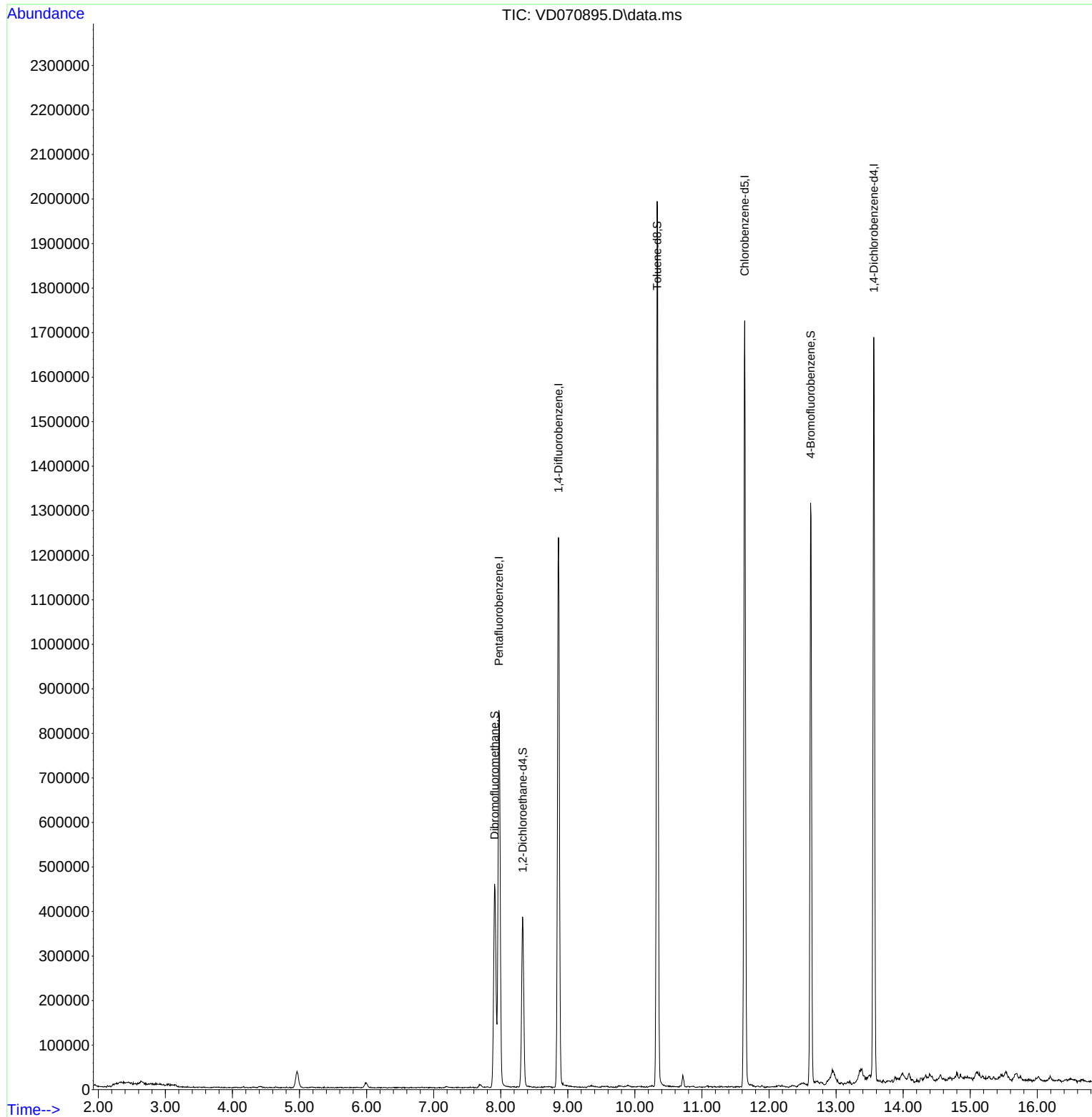
Target Compounds	Qvalue

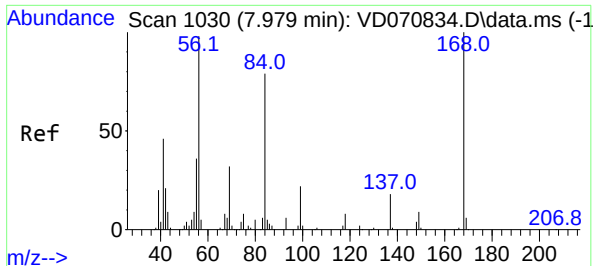
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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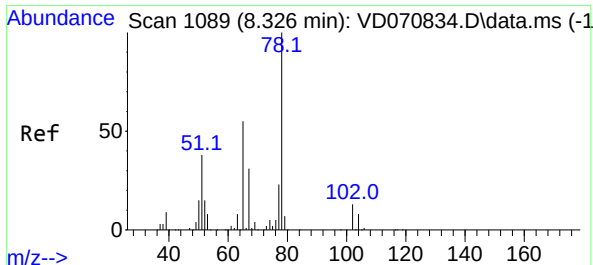
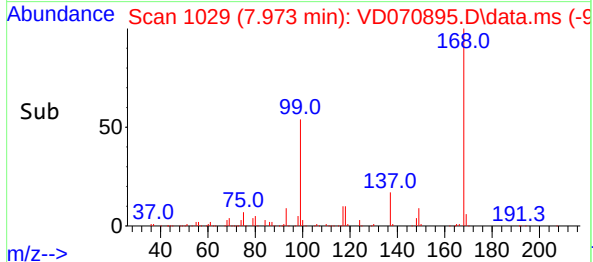
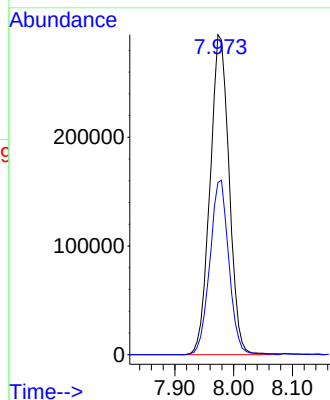
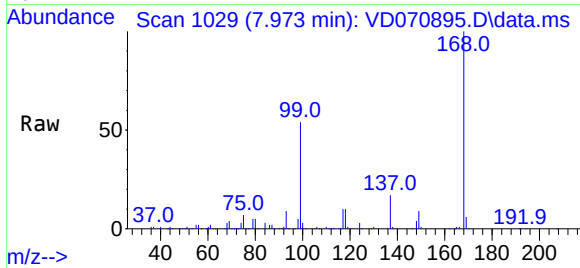




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070895.D
Acq: 28 Oct 2021 16:51

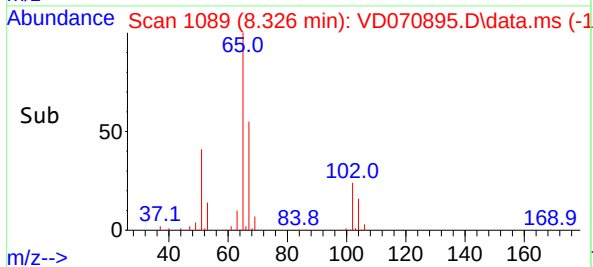
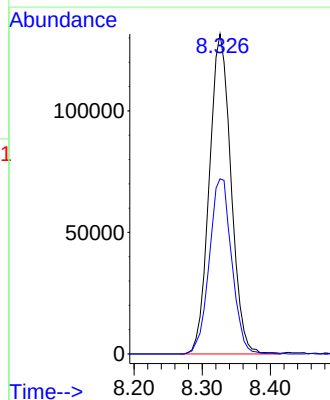
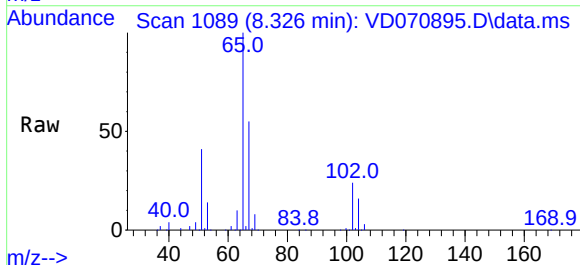
Instrument :
MSVOA_D
ClientSampleId :
MH-FFS

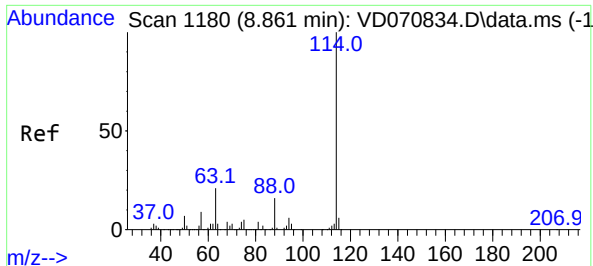
Tgt Ion:168 Resp: 664493
Ion Ratio Lower Upper
168 100
99 53.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 43.572 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070895.D
Acq: 28 Oct 2021 16:51

Tgt Ion: 65 Resp: 291199
Ion Ratio Lower Upper
65 100
67 56.7 0.0 112.2





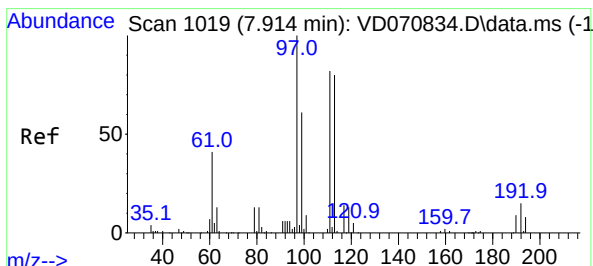
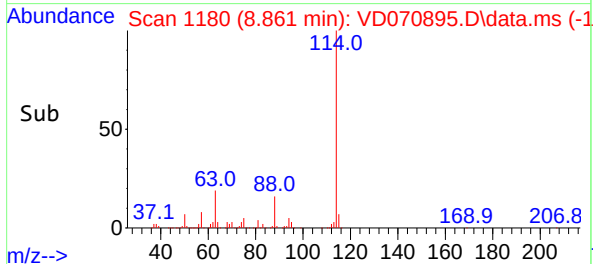
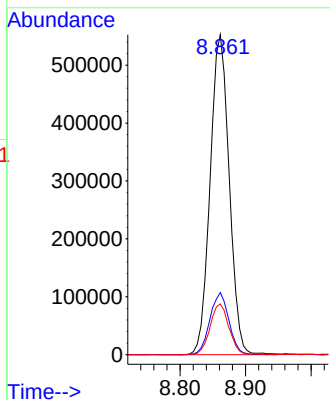
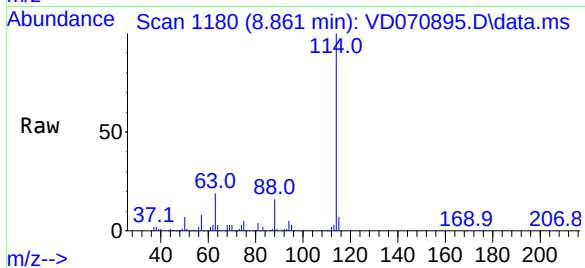
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070895.D
Acq: 28 Oct 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
MH-FFS

Tgt Ion:114 Resp: 1115269

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.8
88	15.8	0.0	32.8

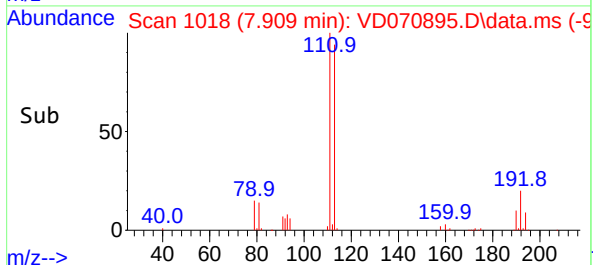
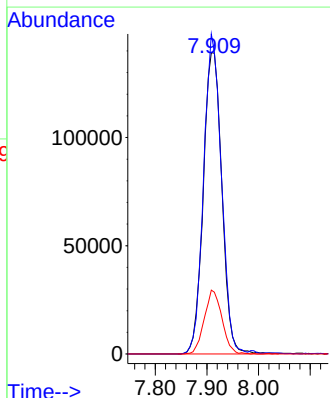
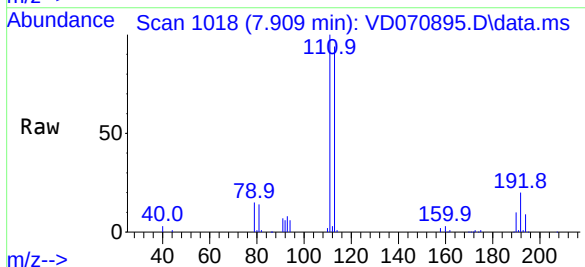


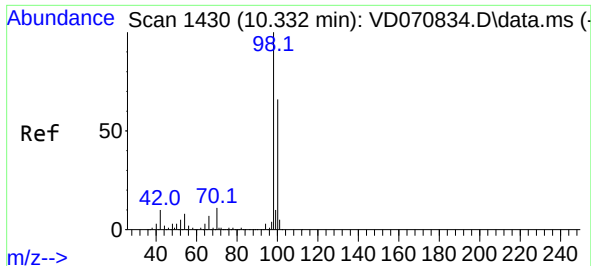
#35

Dibromofluoromethane
Concen: 47.381 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070895.D
Acq: 28 Oct 2021 16:51

Tgt Ion:113 Resp: 348416

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	20.1	15.2	22.8

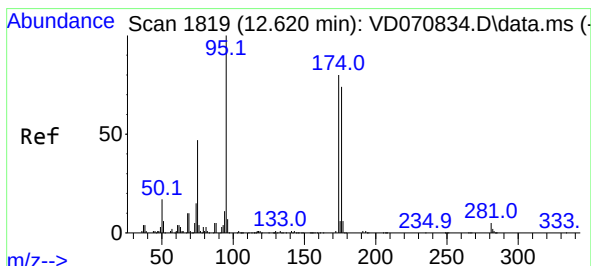
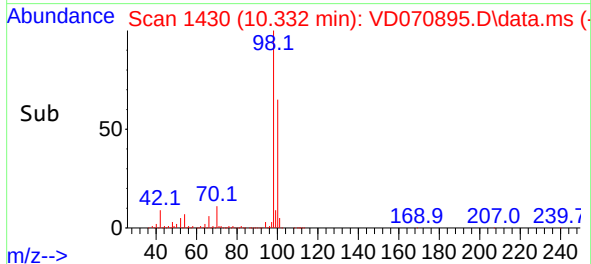
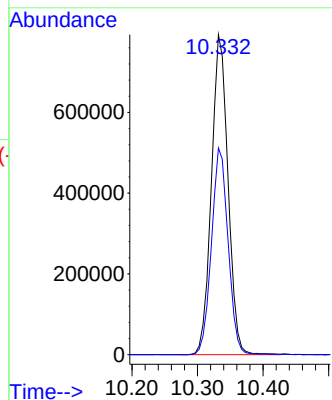
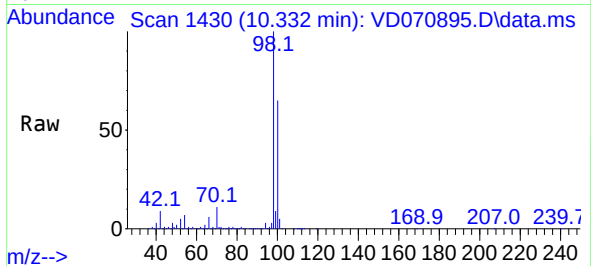




#50
Toluene-d8
Concen: 50.239 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070895.D
Acq: 28 Oct 2021 16:51

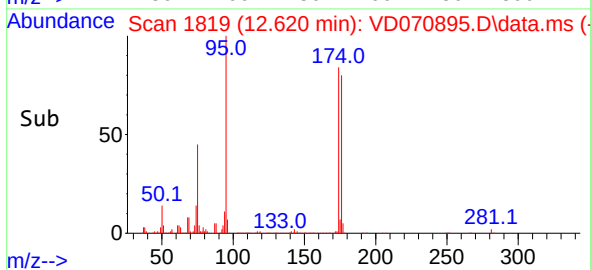
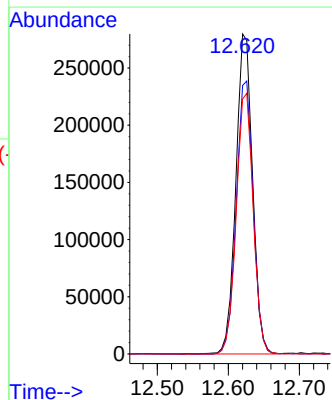
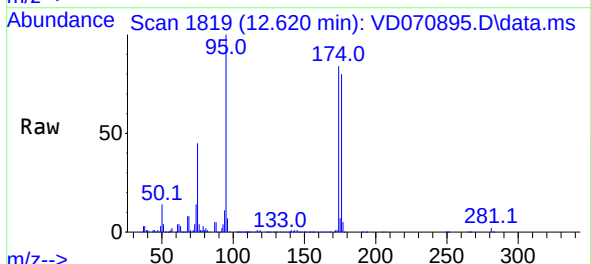
Instrument :
MSVOA_D
ClientSampleId :
MH-FFS

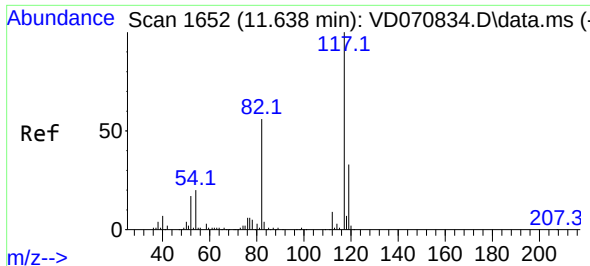
Tgt Ion: 98 Resp: 1389864
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.127 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070895.D
Acq: 28 Oct 2021 16:51

Tgt Ion: 95 Resp: 457557
Ion Ratio Lower Upper
95 100
174 87.0 0.0 159.4
176 82.6 0.0 154.0

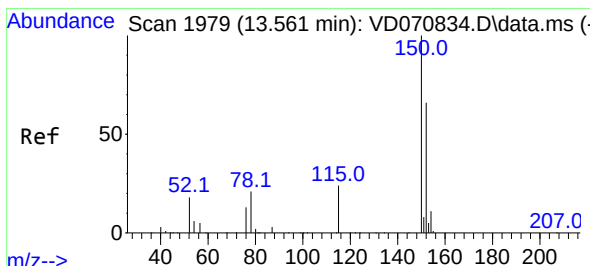
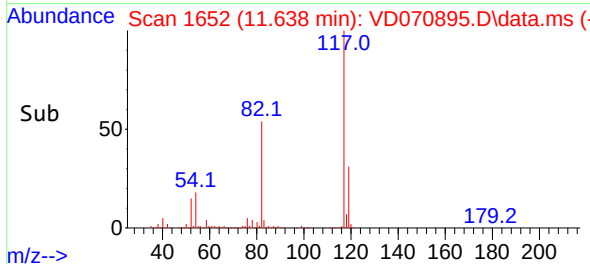
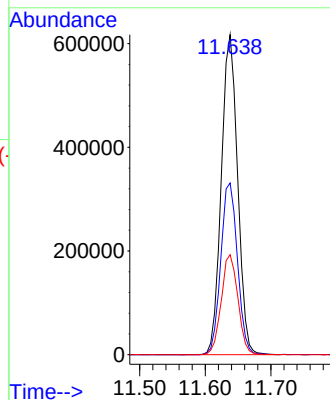
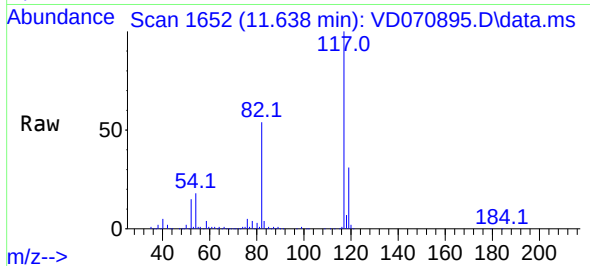




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070895.D
Acq: 28 Oct 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
MH-FFS

Tgt Ion:117 Resp: 1062484
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070895.D
Acq: 28 Oct 2021 16:51

Tgt Ion:152 Resp: 505614
Ion Ratio Lower Upper
152 100
115 55.5 29.8 89.3
150 157.5 0.0 349.2

