

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070172.D
 Acq On : 19 Aug 2021 17:15
 Operator : VA/SY
 Sample : M3414-14
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-9

Quant Time: Aug 20 05:48:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	342779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	670566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	286740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247419	61.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.740%
35) Dibromofluoromethane	7.914	113	233235	55.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.920%
50) Toluene-d8	10.338	98	850930	52.491	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.626	95	273887	51.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.580%

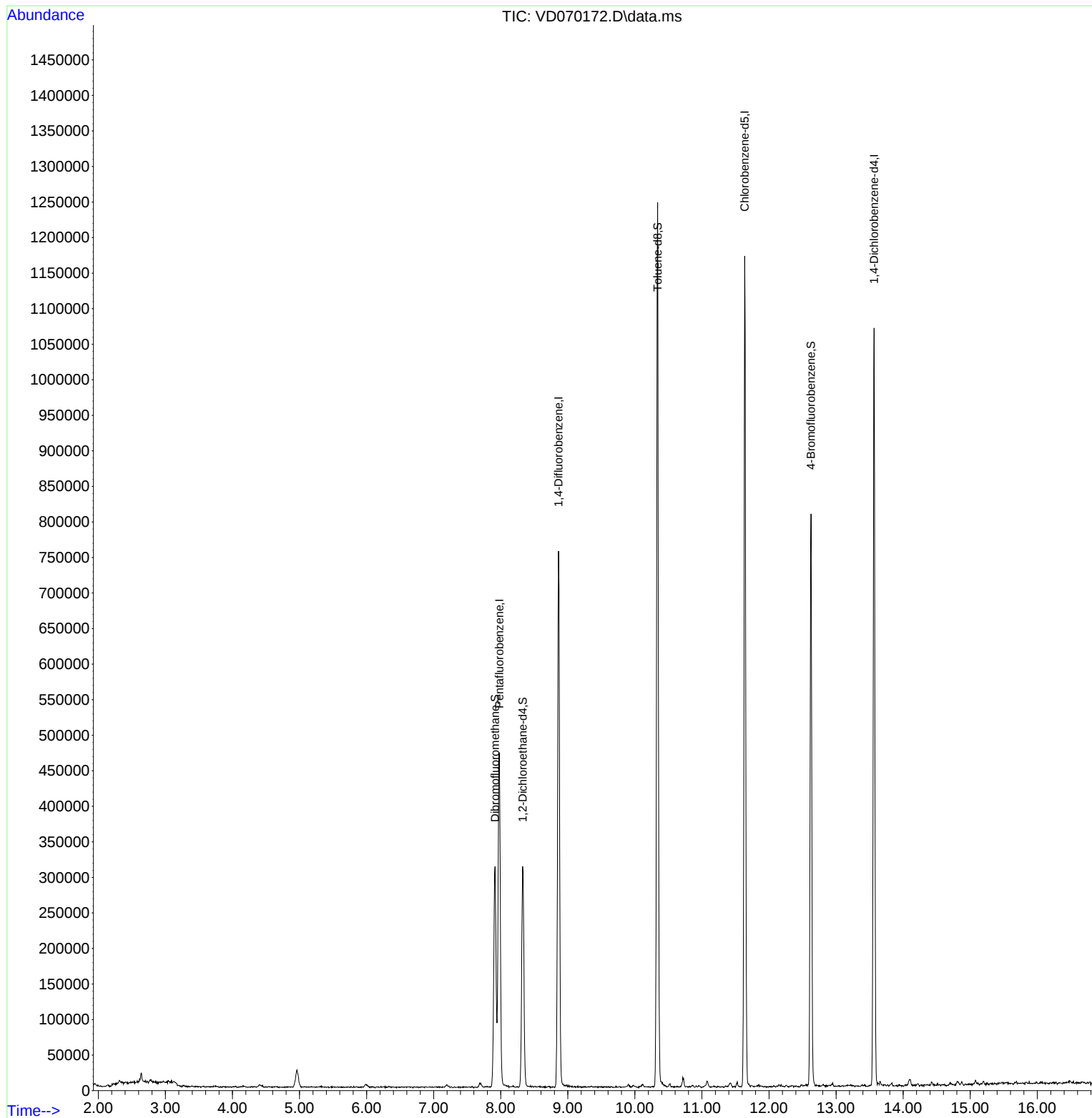
Target Compounds	Qvalue

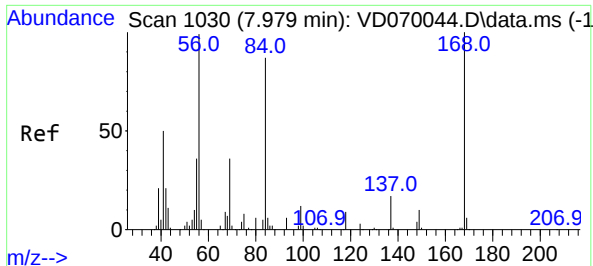
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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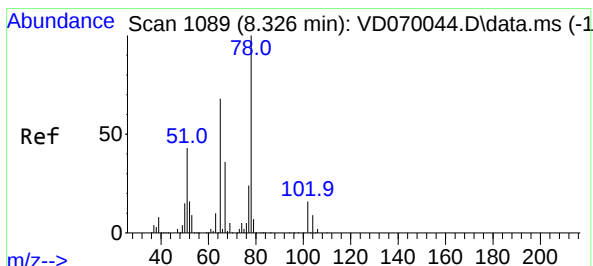
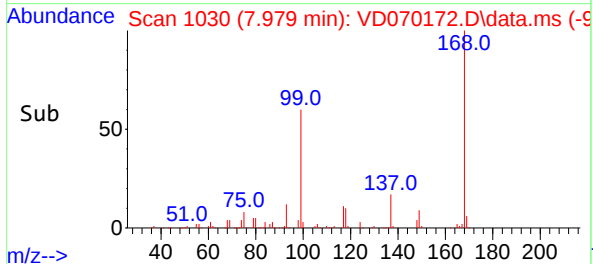
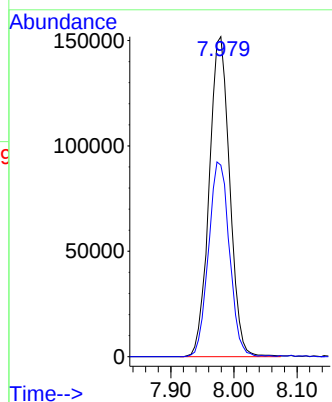
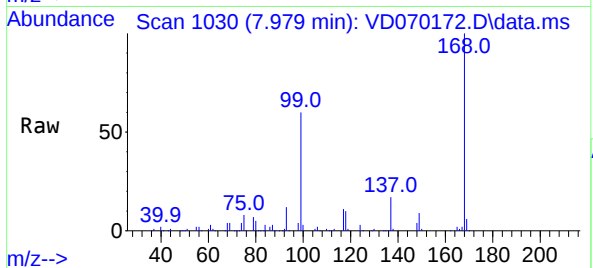




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070172.D
 Acq: 19 Aug 2021 17:15

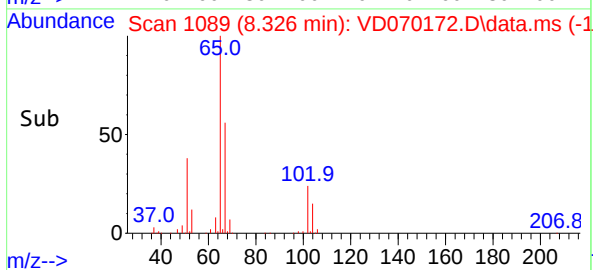
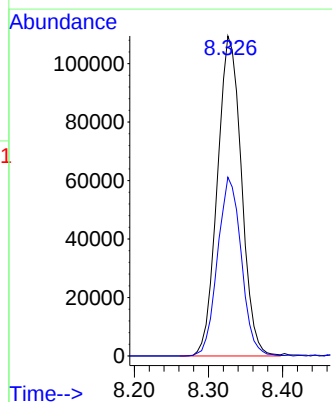
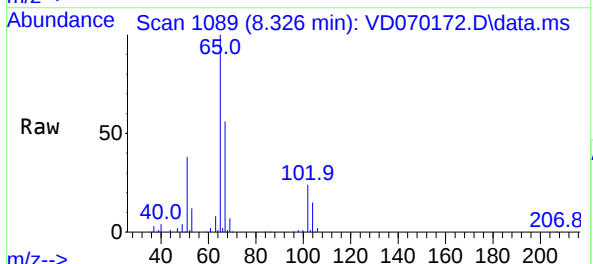
Instrument :
 MSVOA_D
 ClientSampleId :
 B-9

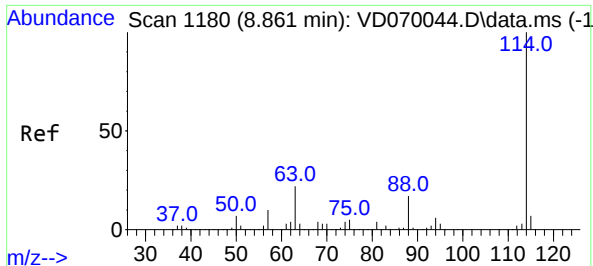
Tgt Ion:168 Resp: 342779
 Ion Ratio Lower Upper
 168 100
 99 59.9 50.3 75.5



1,2-Dichloroethane-d4
 Concen: 61.370 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070172.D
 Acq: 19 Aug 2021 17:15

Tgt Ion: 65 Resp: 247419
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.8



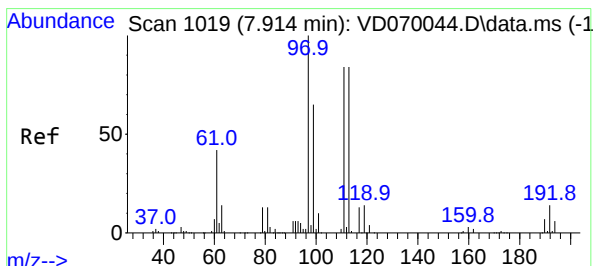
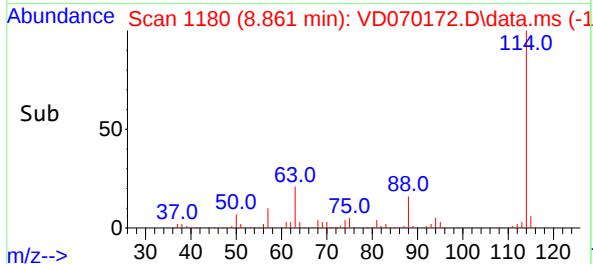
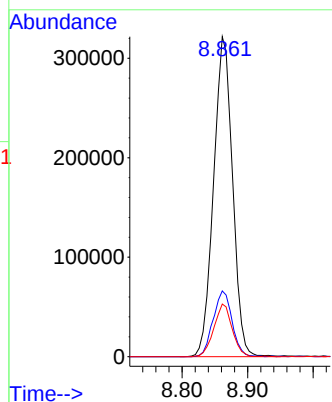
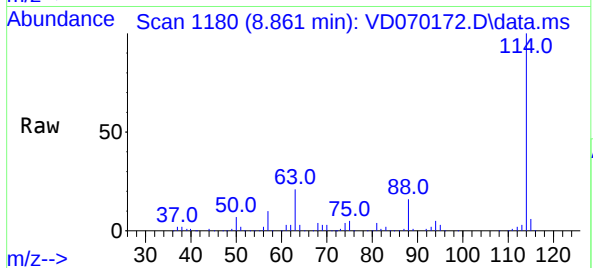


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070172.D
Acq: 19 Aug 2021 17:15

Instrument :
MSVOA_D
ClientSampled :
B-9

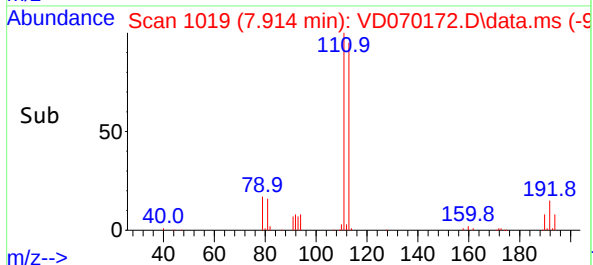
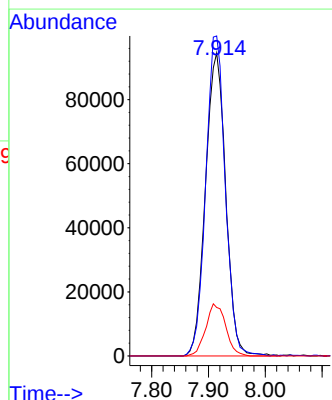
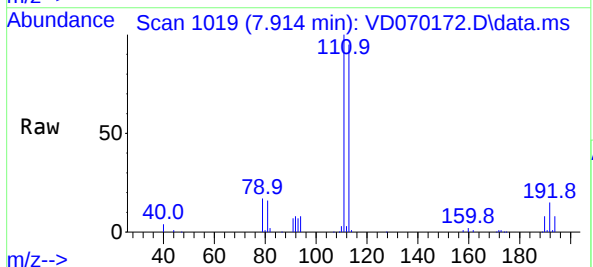
Tgt Ion:114 Resp: 645124
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.6
88 16.5 0.0 33.4

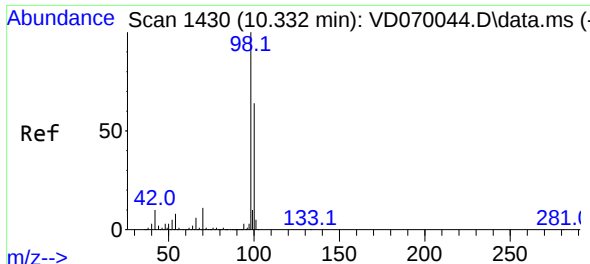


#35

Dibromofluoromethane
Concen: 55.960 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070172.D
Acq: 19 Aug 2021 17:15

Tgt Ion:113 Resp: 233235
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 17.0 13.2 19.8

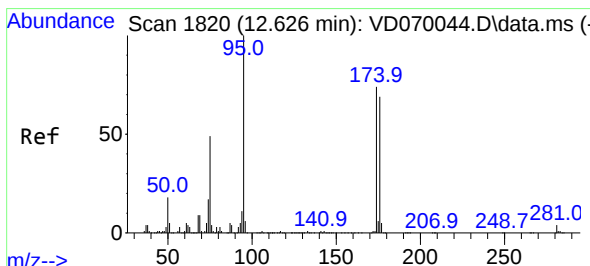
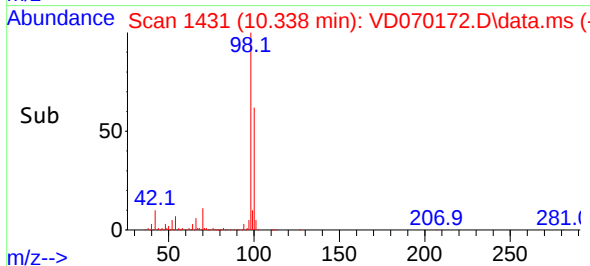
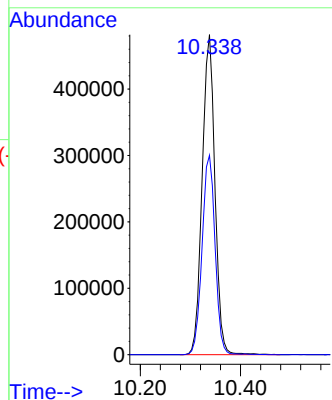
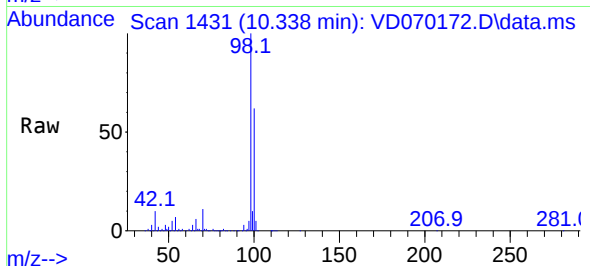




#50
Toluene-d8
Concen: 52.491 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070172.D
Acq: 19 Aug 2021 17:15

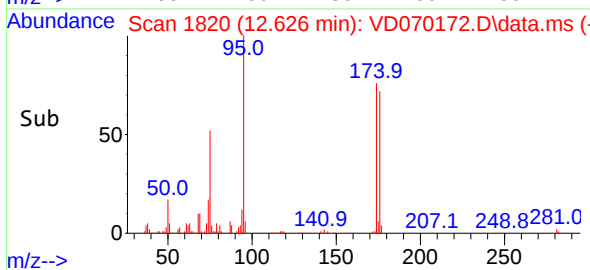
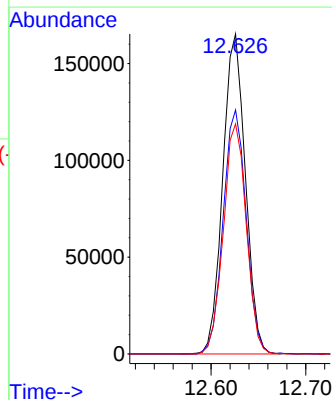
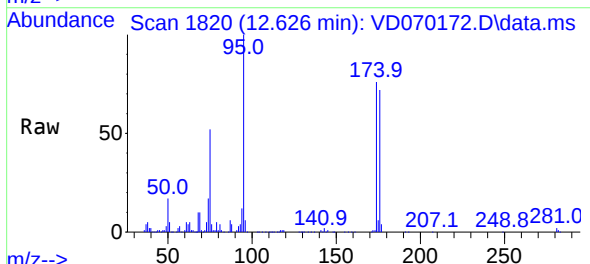
Instrument :
MSVOA_D
ClientSampleId :
B-9

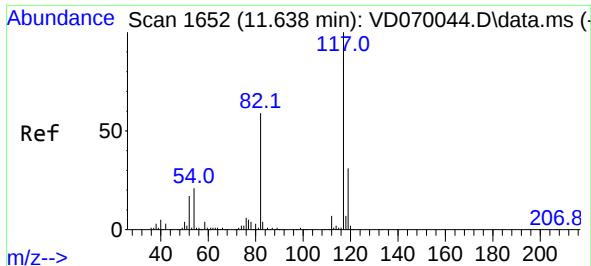
Tgt Ion: 98 Resp: 850930
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.295 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070172.D
Acq: 19 Aug 2021 17:15

Tgt Ion: 95 Resp: 273887
Ion Ratio Lower Upper
95 100
174 77.8 0.0 141.6
176 73.0 0.0 138.2



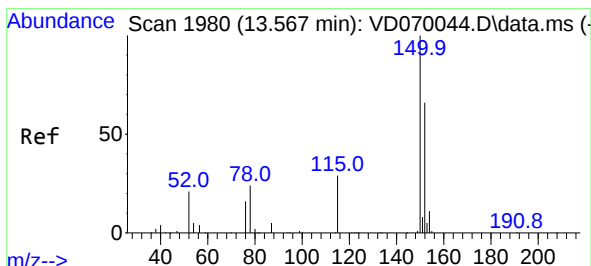
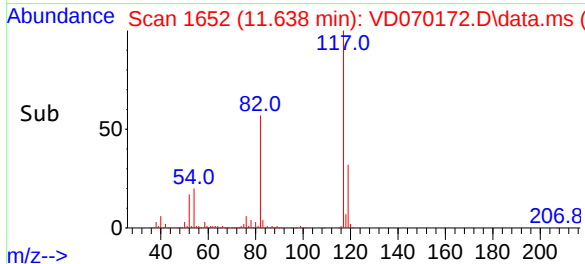
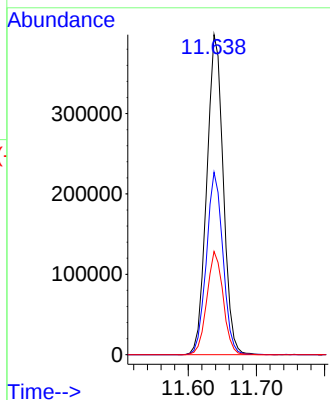
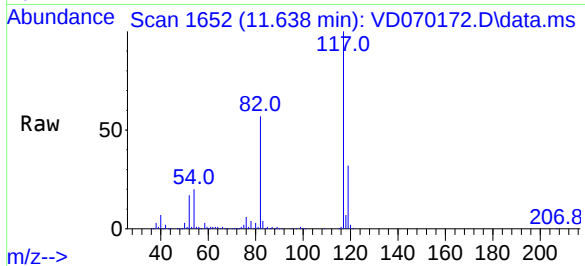


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070172.D
Acq: 19 Aug 2021 17:15

Instrument :
MSVOA_D
ClientSampleId :
B-9

Tgt Ion:117 Resp: 670566

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.5	71.3
119	32.3	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070172.D
Acq: 19 Aug 2021 17:15

Tgt Ion:152 Resp: 286740

Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.2	93.6
150	157.4	0.0	352.0

