

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070352.D
 Acq On : 14 Sep 2021 14:40
 Operator : VA/SY
 Sample : M3687-23RE
 Misc : 7.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A010015RE

Quant Time: Sep 15 02:46:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	297059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	596816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	758098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	342883	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204976	53.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.480%
35) Dibromofluoromethane	7.909	113	220761	51.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.940%
50) Toluene-d8	10.338	98	826011	53.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.100%
62) 4-Bromofluorobenzene	12.626	95	395311	73.334	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	146.660%#

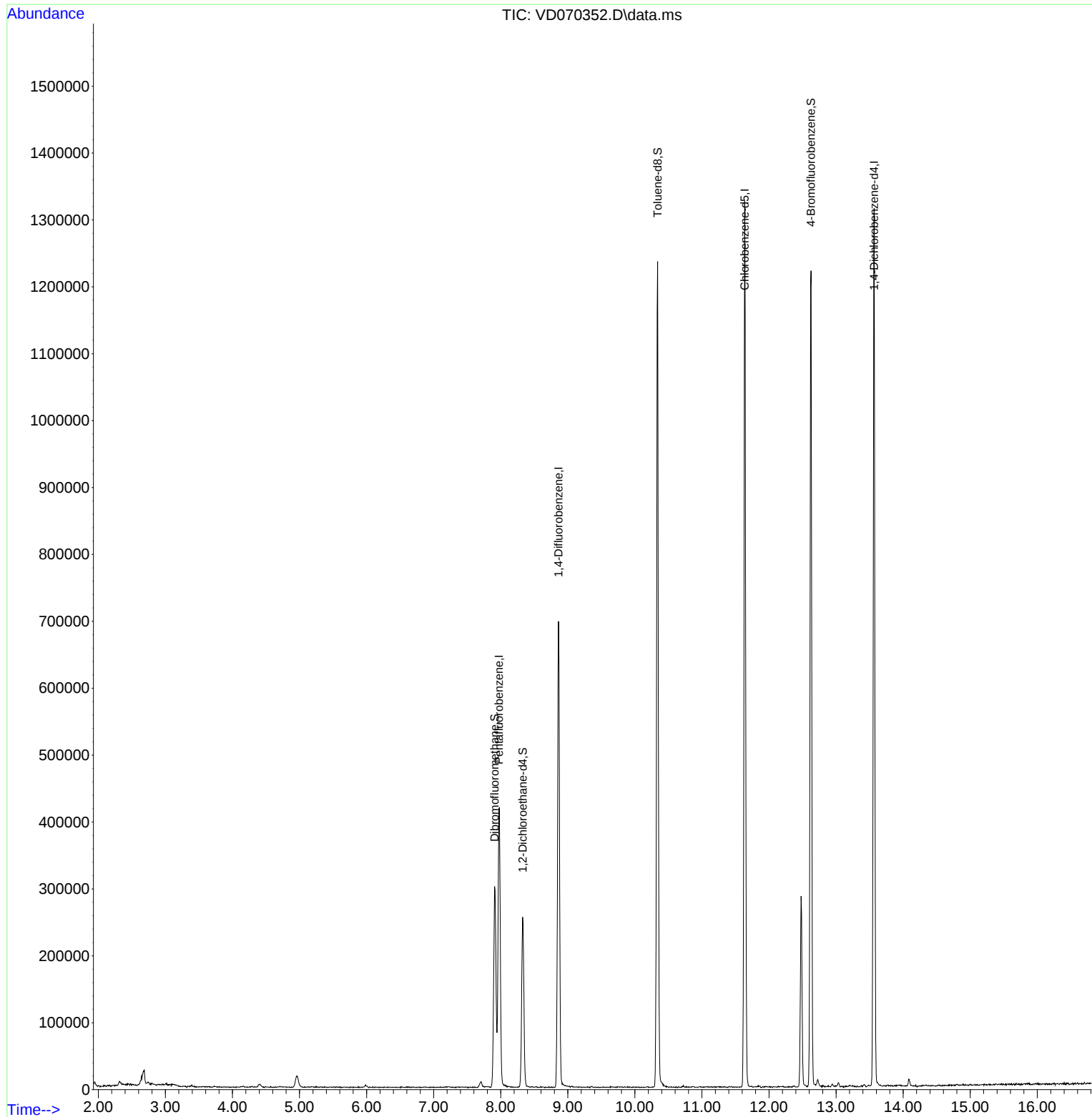
Target Compounds	Qvalue

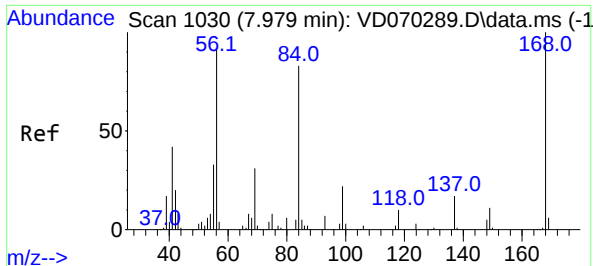
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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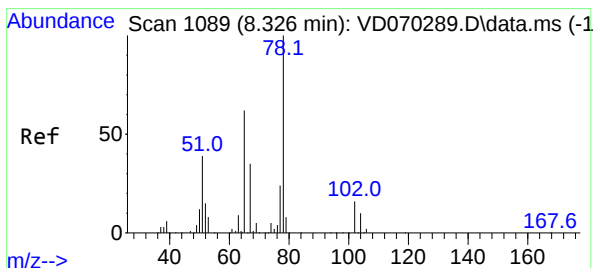
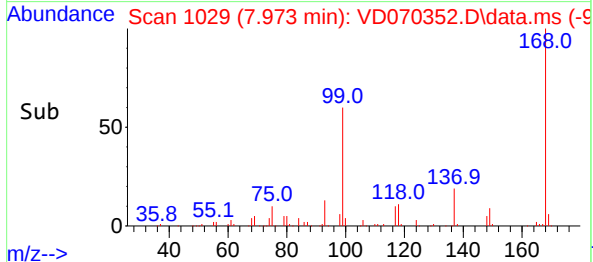
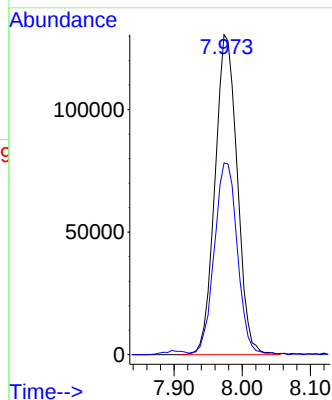
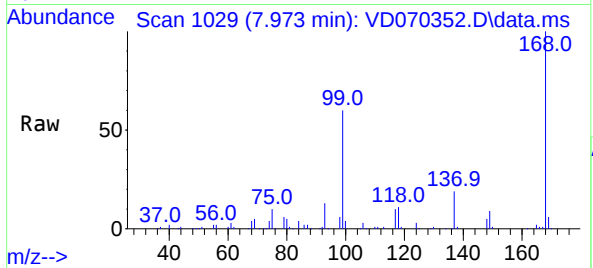




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070352.D
Acq: 14 Sep 2021 14:40

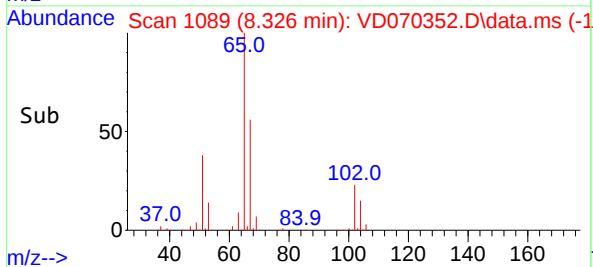
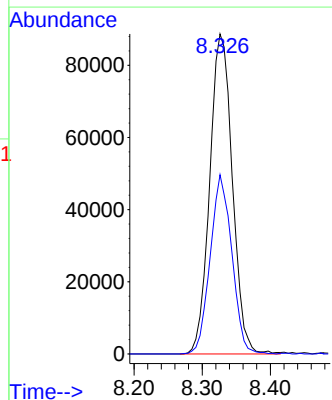
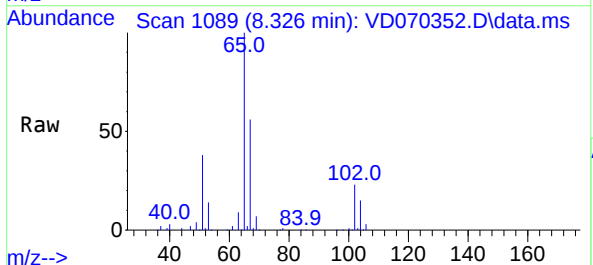
Instrument :
MSVOA_D
ClientSampleId :
A010015RE

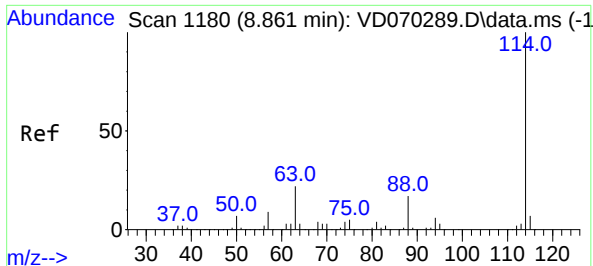
Tgt Ion:168 Resp: 297059
Ion Ratio Lower Upper
168 100
99 59.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.739 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070352.D
Acq: 14 Sep 2021 14:40

Tgt Ion: 65 Resp: 204976
Ion Ratio Lower Upper
65 100
67 53.6 0.0 111.4



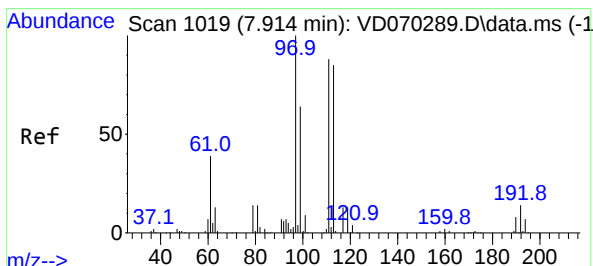
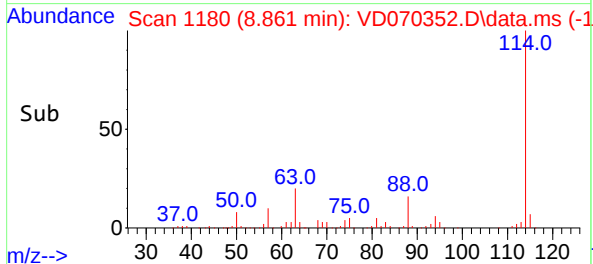
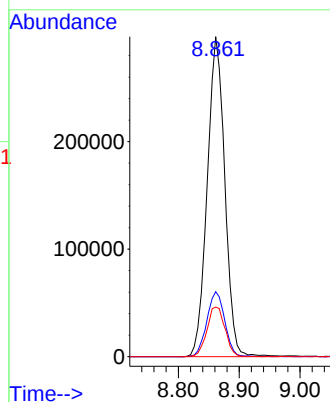
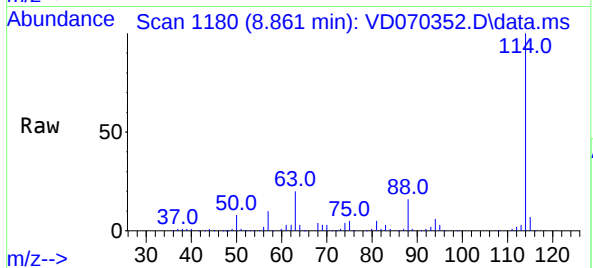


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070352.D
Acq: 14 Sep 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
A010015RE

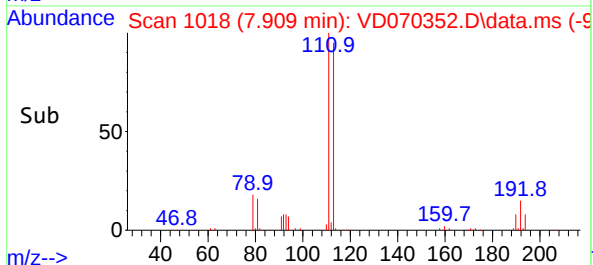
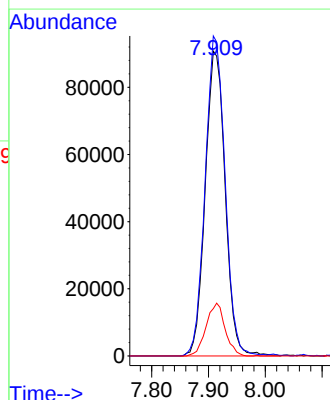
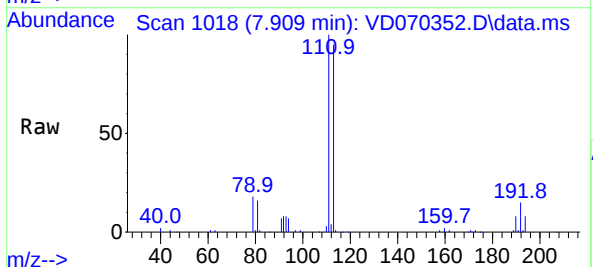
Tgt Ion:114 Resp: 596816
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 15.5 0.0 33.4

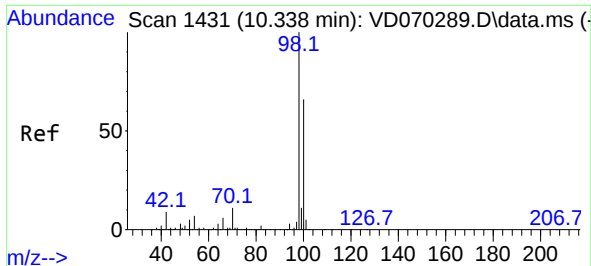


#35

Dibromofluoromethane
Concen: 51.966 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070352.D
Acq: 14 Sep 2021 14:40

Tgt Ion:113 Resp: 220761
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.2
192 16.5 13.0 19.6

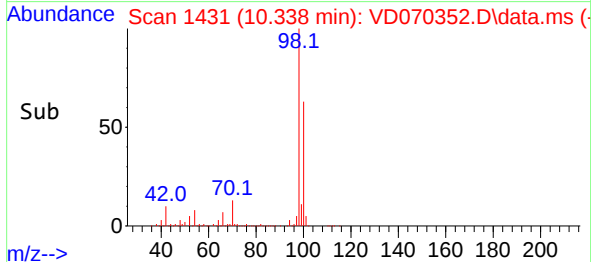
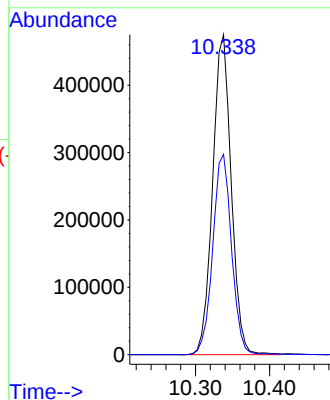
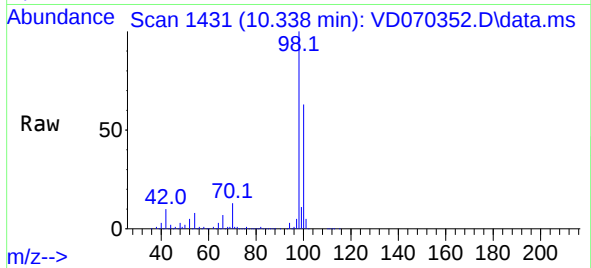




#50
Toluene-d8
Concen: 53.553 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070352.D
Acq: 14 Sep 2021 14:40

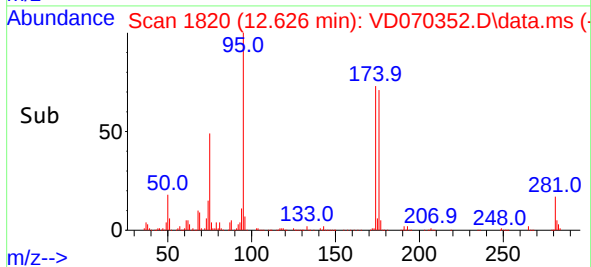
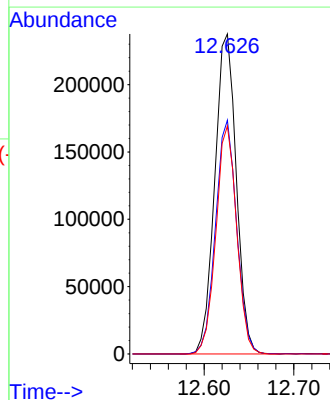
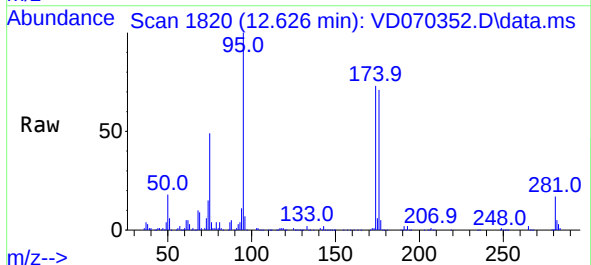
Instrument :
MSVOA_D
ClientSampleId :
A010015RE

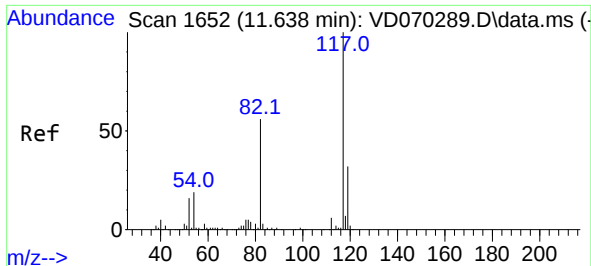
Tgt Ion: 98 Resp: 826011
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 73.334 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070352.D
Acq: 14 Sep 2021 14:40

Tgt Ion: 95 Resp: 395311
Ion Ratio Lower Upper
95 100
174 71.9 0.0 140.6
176 68.6 0.0 137.4

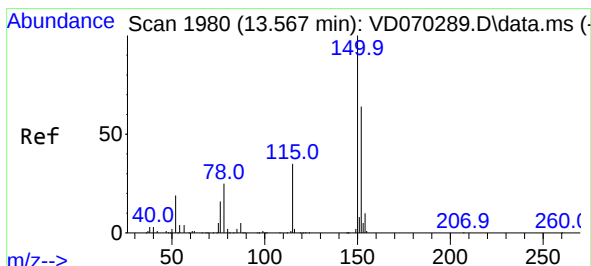
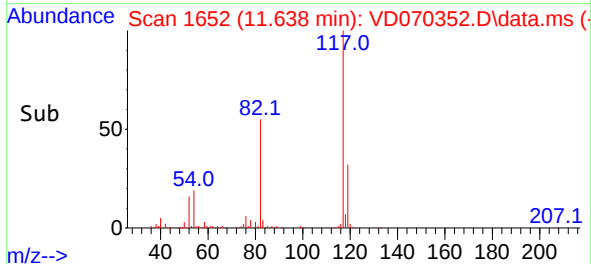
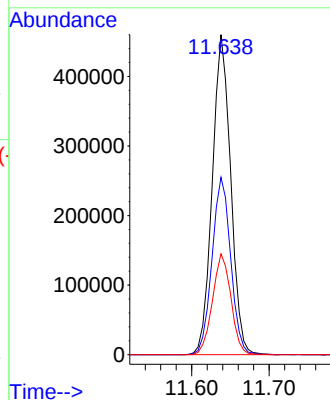
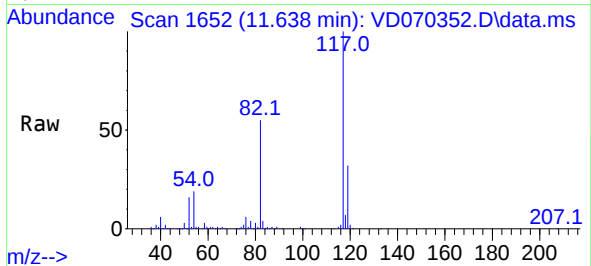




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070352.D
Acq: 14 Sep 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
A010015RE

Tgt Ion:	117	Resp:	758098
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	31.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070352.D
Acq: 14 Sep 2021 14:40

Tgt Ion:	152	Resp:	342883
Ion	Ratio	Lower	Upper
152	100		
115	62.3	32.1	96.3
150	157.6	0.0	350.6

