

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070337.D
 Acq On : 13 Sep 2021 20:16
 Operator : VA/SY
 Sample : M3687-26
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A015095

Quant Time: Sep 14 00:57:00 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	363519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	757010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	890350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	407042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	248827	53.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.620%
35) Dibromofluoromethane	7.909	113	265004	49.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.338	98	1013706	51.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.626	95	419877	61.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.820%

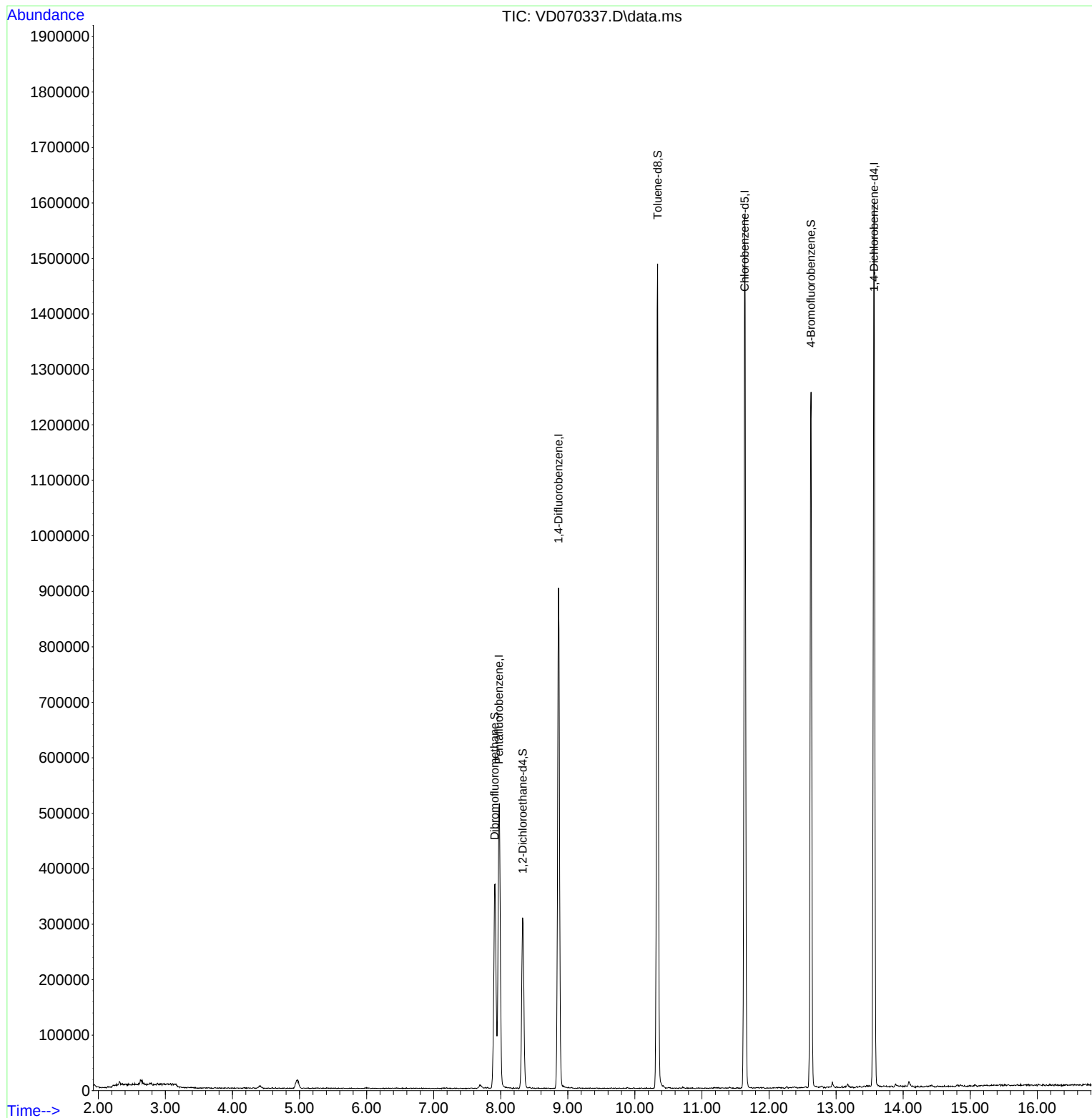
Target Compounds	Qvalue

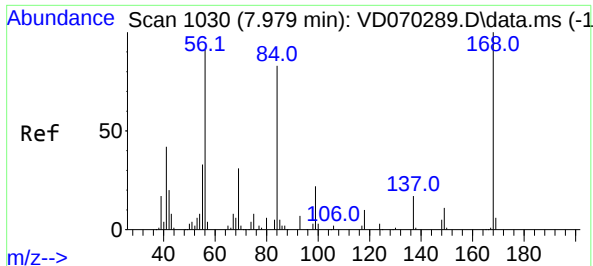
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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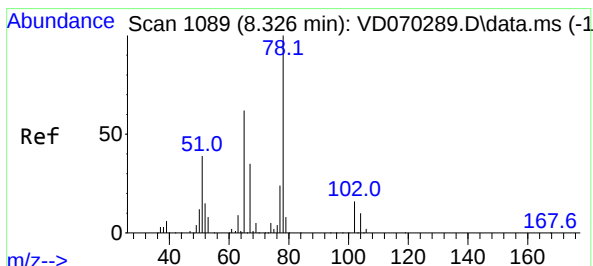
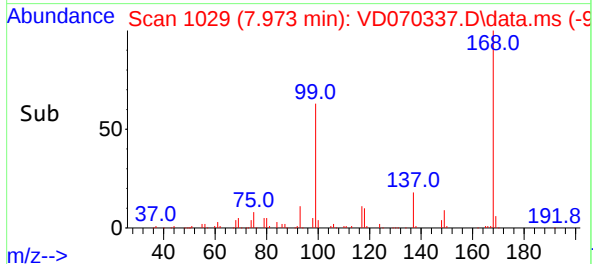
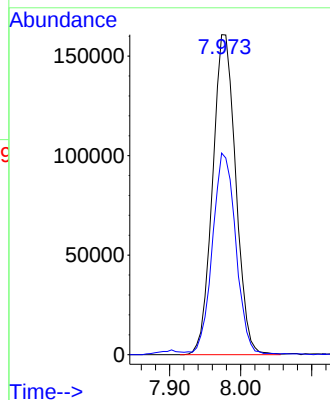
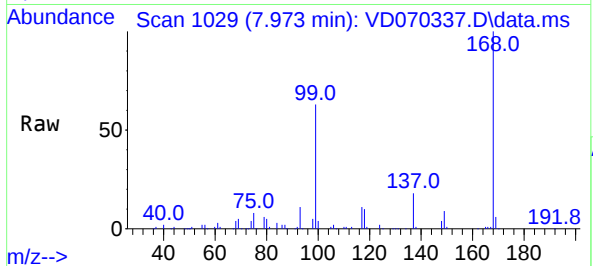




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070337.D
Acq: 13 Sep 2021 20:16

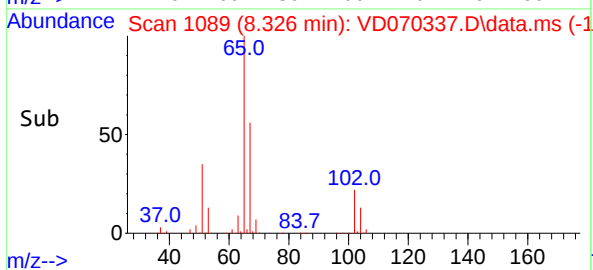
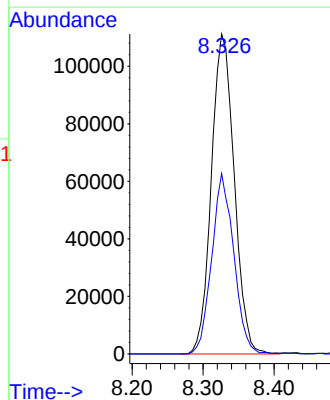
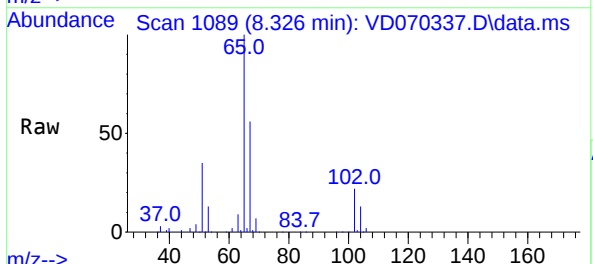
Instrument :
MSVOA_D
ClientSampleId :
A015095

Tgt Ion:168 Resp: 363519
Ion Ratio Lower Upper
168 100
99 62.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.309 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070337.D
Acq: 13 Sep 2021 20:16

Tgt Ion: 65 Resp: 248827
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.4



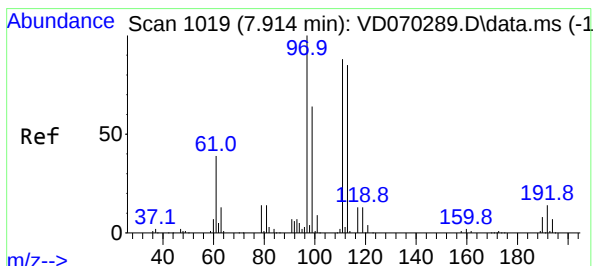
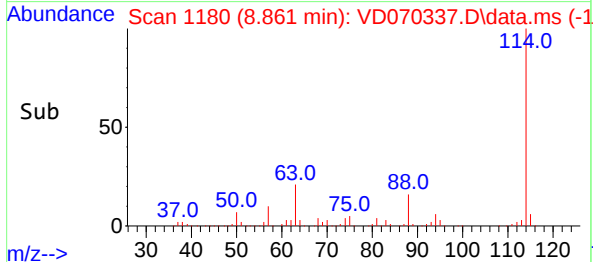
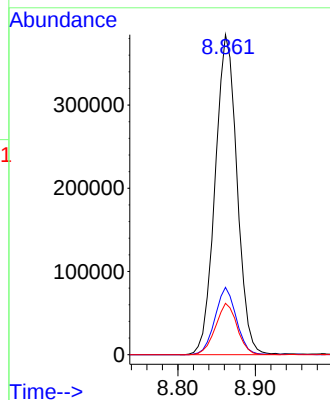
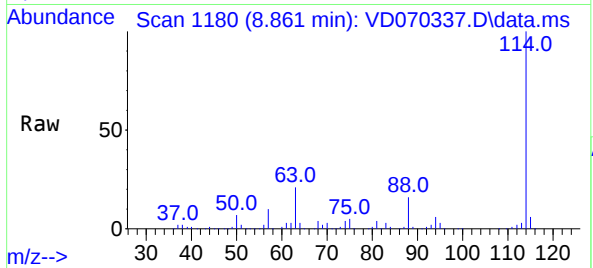


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070337.D
Acq: 13 Sep 2021 20:16

Instrument :
MSVOA_D
ClientSampled :
A015095

Tgt Ion:114 Resp: 757010

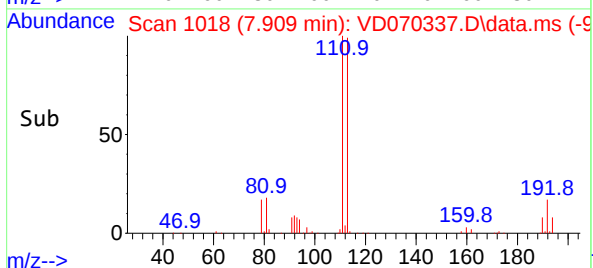
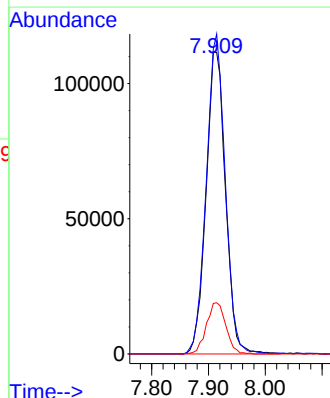
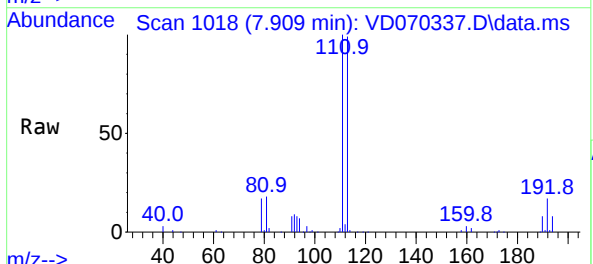
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	16.1	0.0	33.4

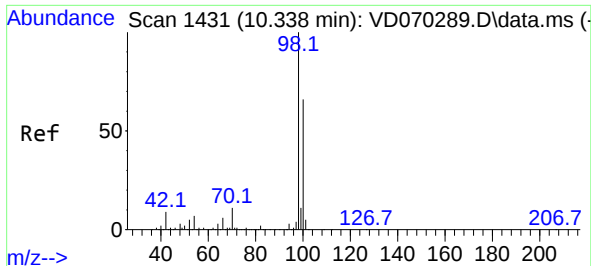


#35
Dibromofluoromethane
Concen: 49.180 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070337.D
Acq: 13 Sep 2021 20:16

Tgt Ion:113 Resp: 265004

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	17.0	13.0	19.6

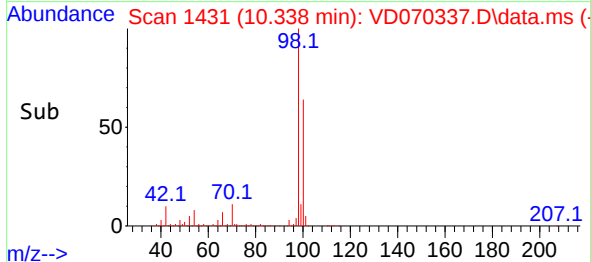
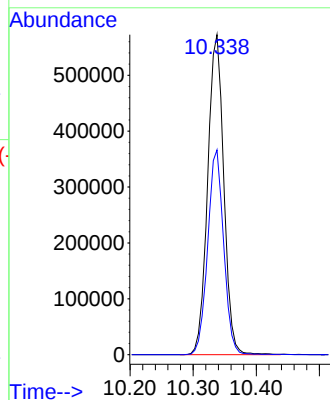
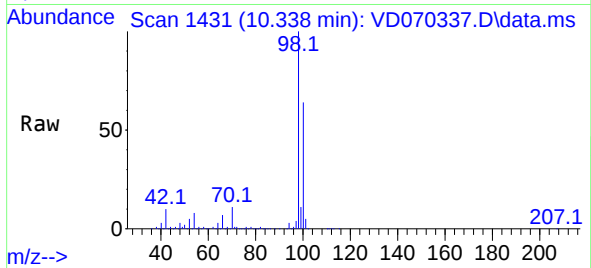




#50
Toluene-d8
Concen: 51.814 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070337.D
Acq: 13 Sep 2021 20:16

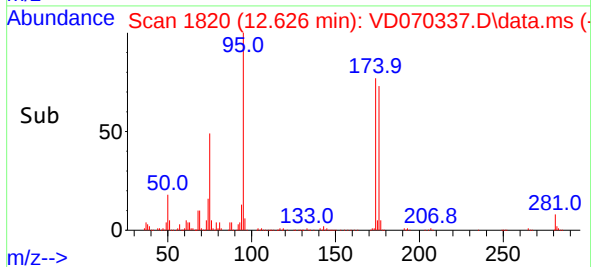
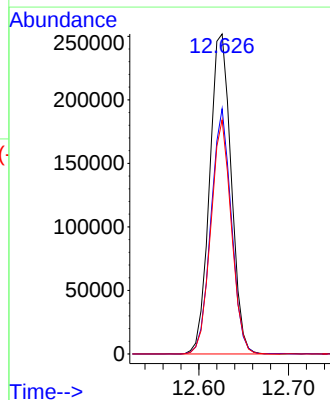
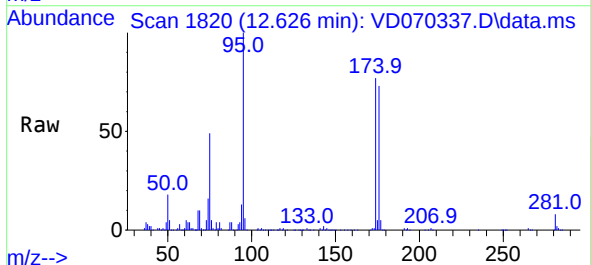
Instrument :
MSVOA_D
ClientSampleId :
A015095

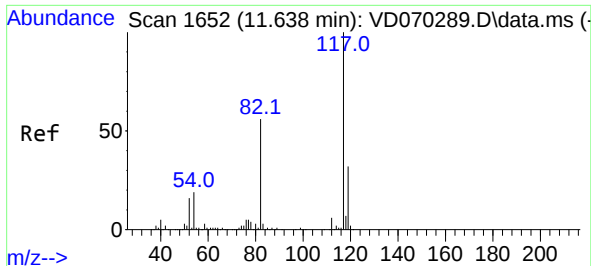
Tgt Ion: 98 Resp: 1013706
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 61.408 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070337.D
Acq: 13 Sep 2021 20:16

Tgt Ion: 95 Resp: 419877
Ion Ratio Lower Upper
95 100
174 72.3 0.0 140.6
176 69.4 0.0 137.4

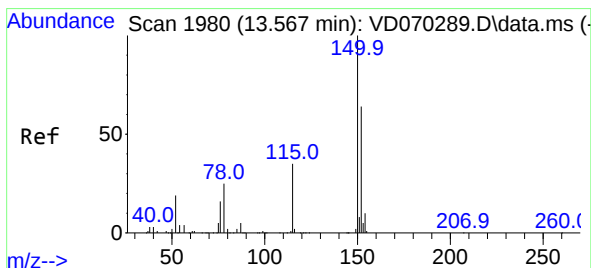
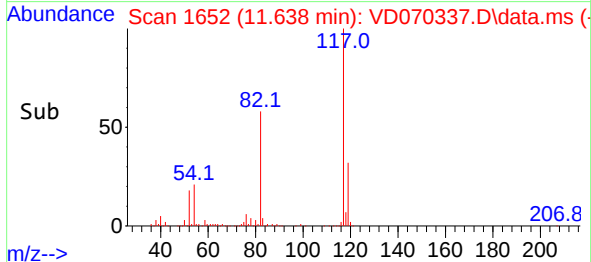
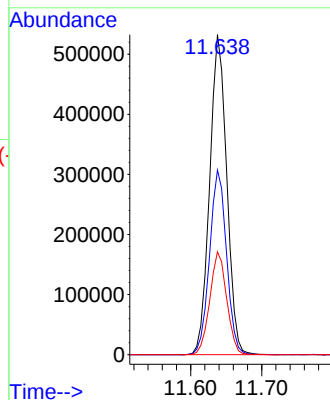
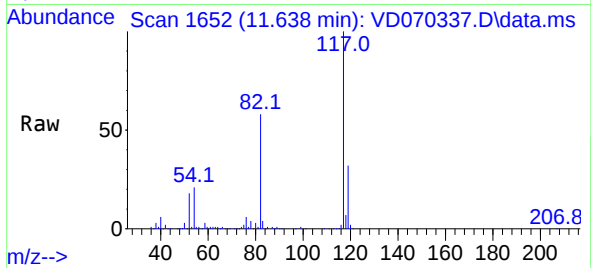




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070337.D
Acq: 13 Sep 2021 20:16

Instrument :
MSVOA_D
ClientSampleId :
A015095

Tgt Ion:	117	Resp:	890350
Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.0	67.4
119	32.2	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: VD070337.D
Acq: 13 Sep 2021 20:16

Tgt Ion:	152	Resp:	407042
Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.1	96.3
150	157.6	0.0	350.6

