

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070354.D
 Acq On : 14 Sep 2021 15:38
 Operator : VA/SY
 Sample : M3724-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31190

Quant Time: Sep 15 02:46:32 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)

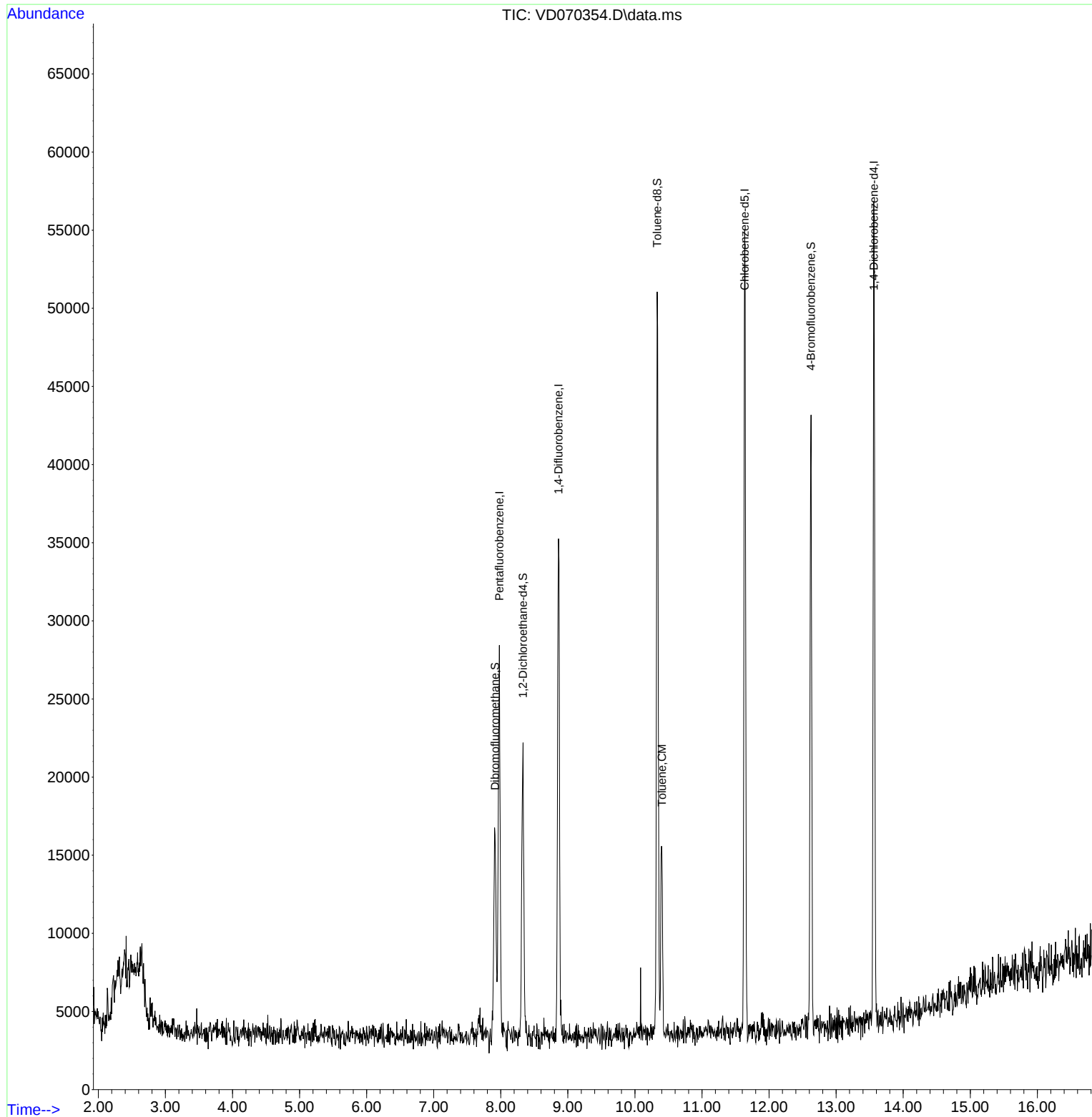
Internal Standards						
1) Pentafluorobenzene	7.979	168	16453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	27380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	31726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14376	68.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.100%	
35) Dibromofluoromethane	7.914	113	9838	50.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.960%	
50) Toluene-d8	10.332	98	33808	47.777	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.560%	
62) 4-Bromofluorobenzene	12.626	95	13833	55.936	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.880%	
Target Compounds						
52) Toluene	10.402	92	6376	12.304	ug/l	Qvalue 100

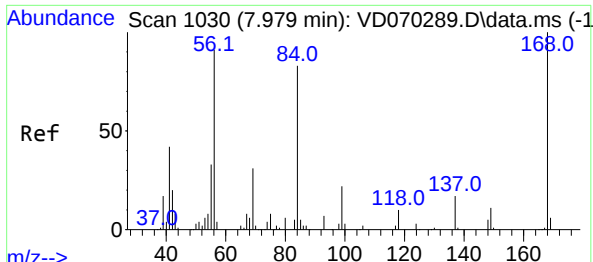
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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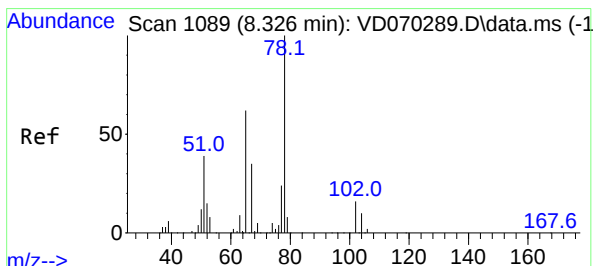
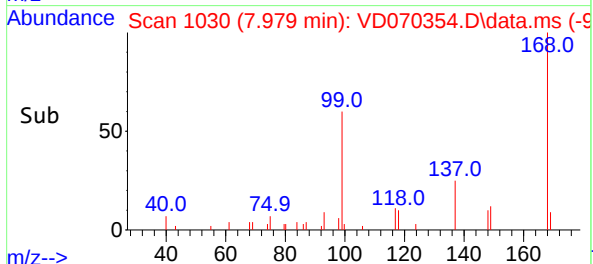
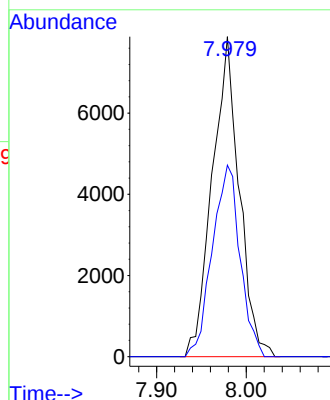
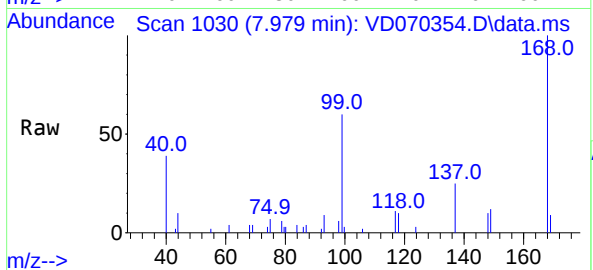




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

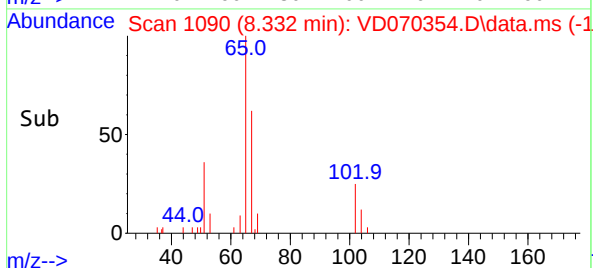
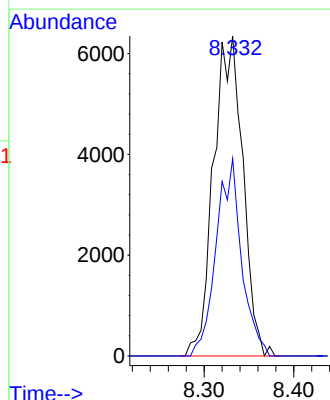
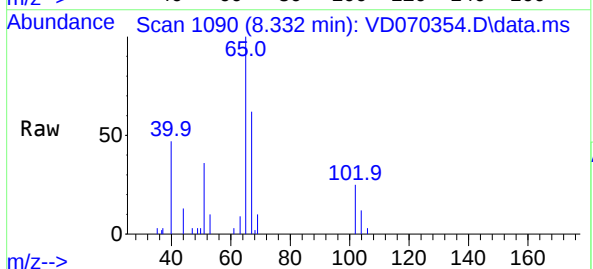
Instrument :
MSVOA_D
ClientSampleId :
31190

Tgt Ion:168 Resp: 16453
Ion Ratio Lower Upper
168 100
99 59.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 68.049 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion: 65 Resp: 14376
Ion Ratio Lower Upper
65 100
67 53.4 0.0 111.4



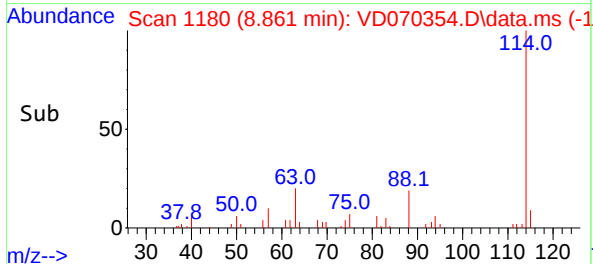
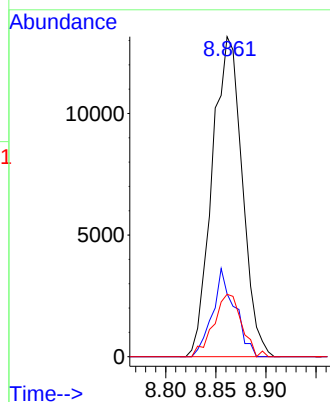
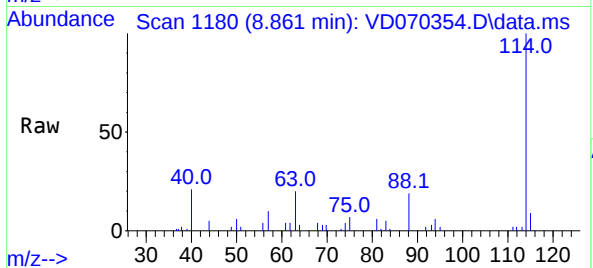


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Instrument :
MSVOA_D
ClientSampled :
31190

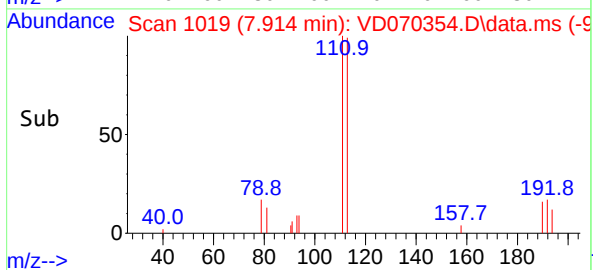
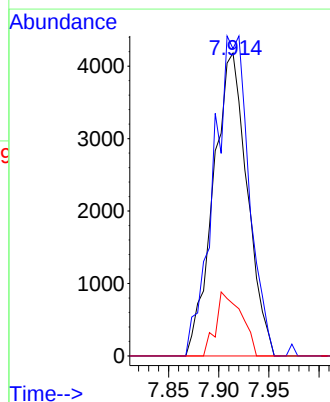
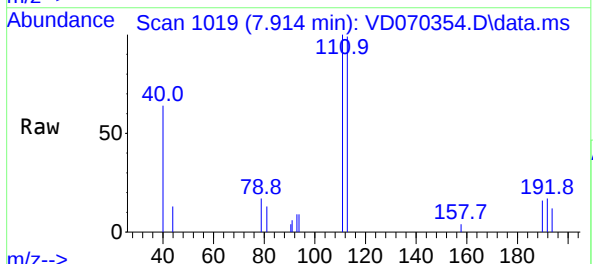
Tgt Ion:114 Resp: 27380
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.4
88 19.5 0.0 33.4

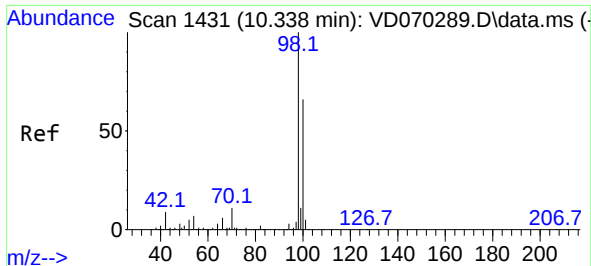


#35

Dibromofluoromethane
Concen: 50.479 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion:113 Resp: 9838
Ion Ratio Lower Upper
113 100
111 110.5 81.4 122.2
192 15.9 13.0 19.6

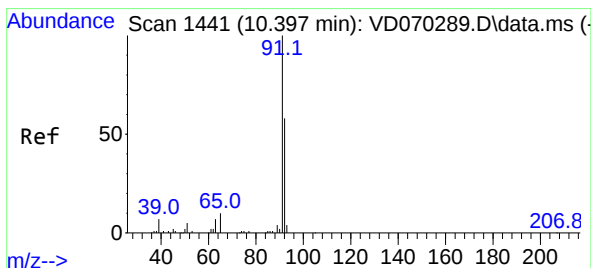
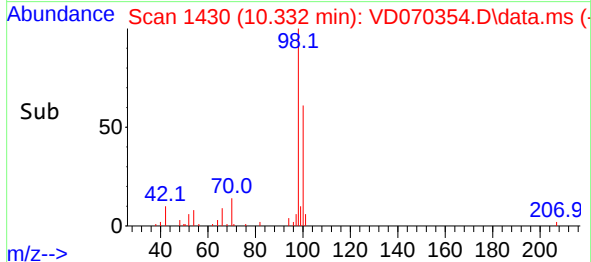
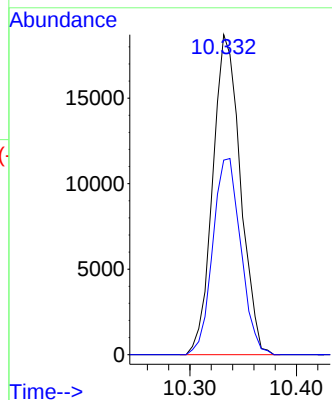
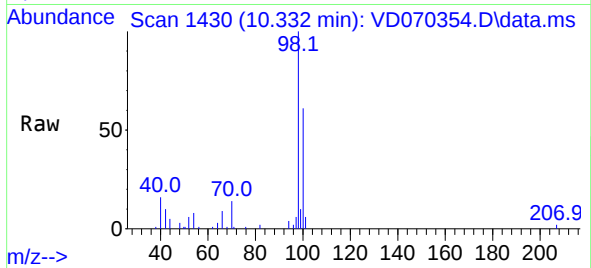




#50
Toluene-d8
Concen: 47.777 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

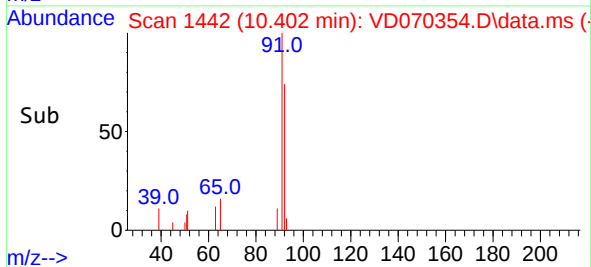
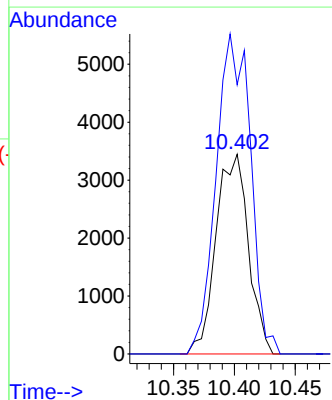
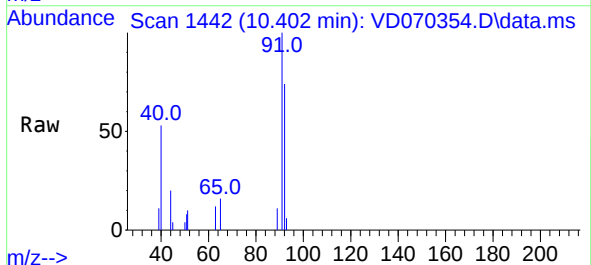
Instrument :
MSVOA_D
ClientSampleId :
31190

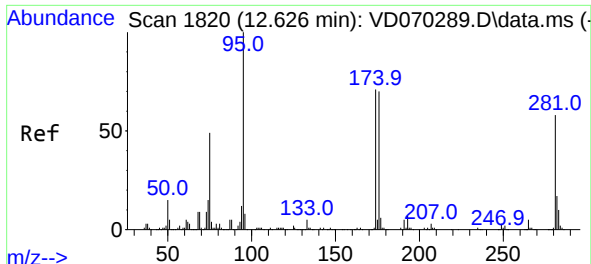
Tgt Ion: 98 Resp: 33808
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0



#52
Toluene
Concen: 12.304 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion: 92 Resp: 6376
Ion Ratio Lower Upper
92 100
91 169.8 136.2 204.2

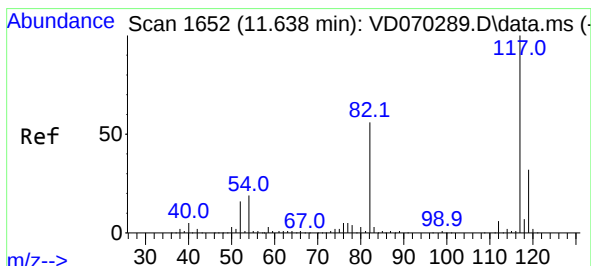
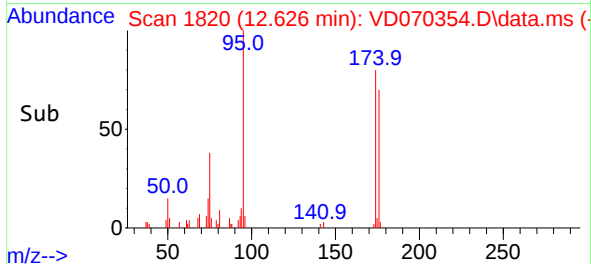
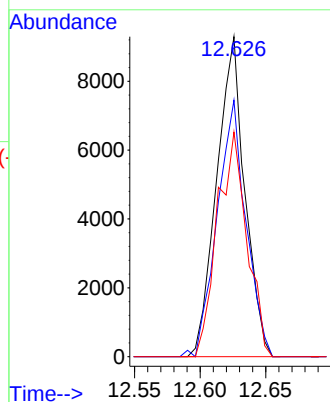
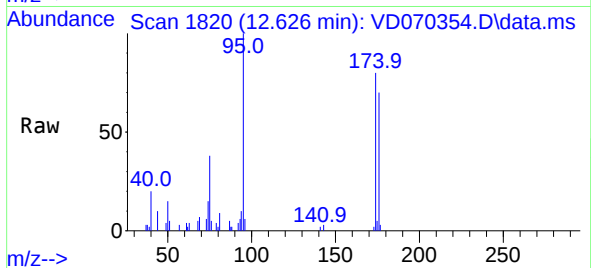




#62
4-Bromofluorobenzene
Concen: 55.936 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

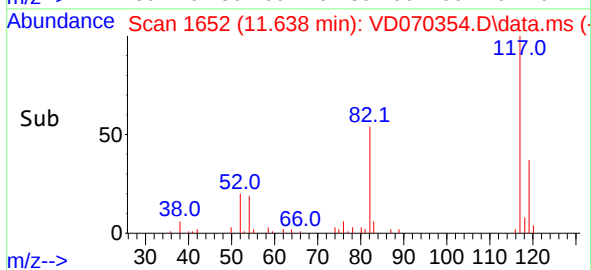
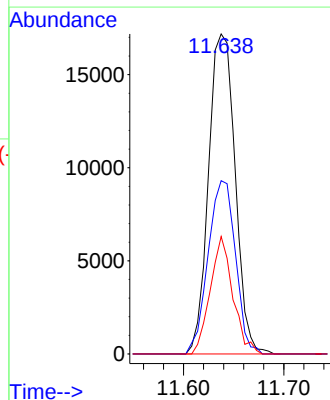
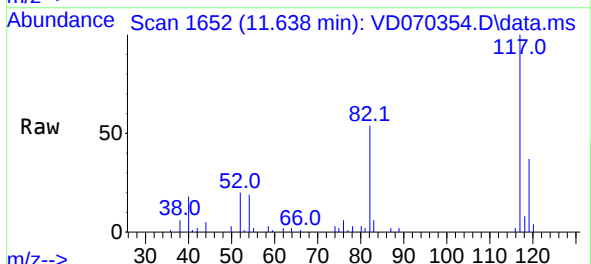
Instrument :
MSVOA_D
ClientSampleId :
31190

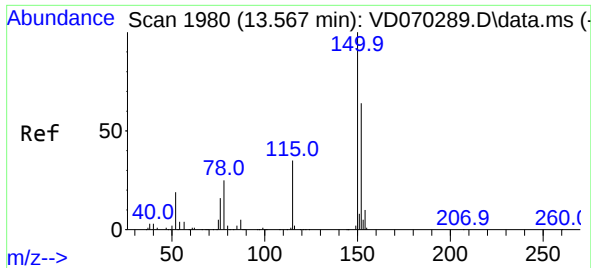
Tgt Ion:	95	Resp:	13833
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	140.6
176	73.7	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

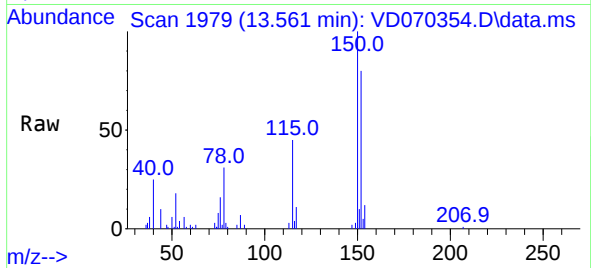
Tgt Ion:	117	Resp:	31726
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	36.7	25.2	37.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :
31190



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	32.1	96.3
150	156.9	0.0	350.6

