

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070188.D
 Acq On : 20 Aug 2021 02:47
 Operator : VA/SY
 Sample : M3449-04
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: Aug 20 05:50:41 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	7.973	168	32297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	58449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	64707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	28455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	36794	96.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.720%#	
35) Dibromofluoromethane	7.914	113	23116	61.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.440%	
50) Toluene-d8	10.331	98	76598	52.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.625	95	27221	56.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.540%	

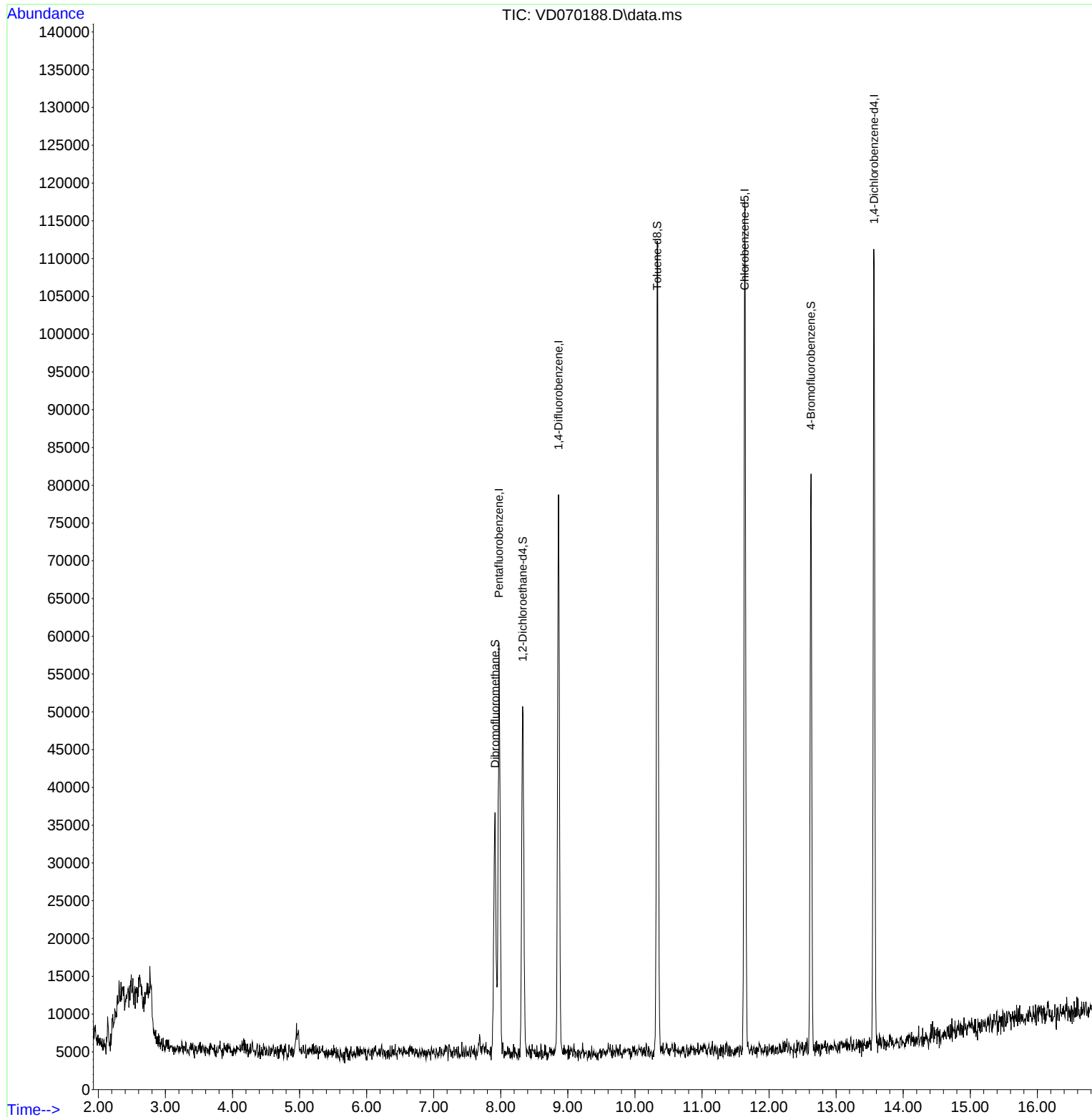
Target Compounds	Qvalue

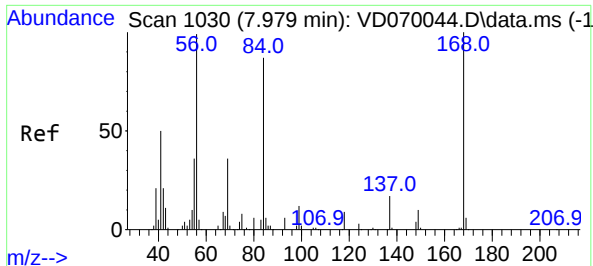
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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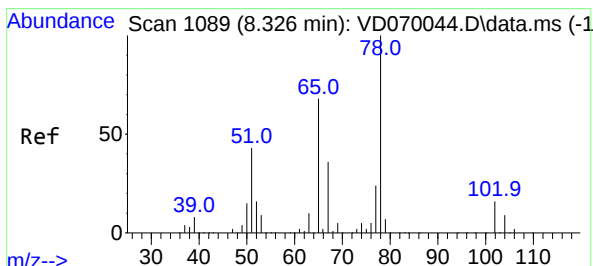
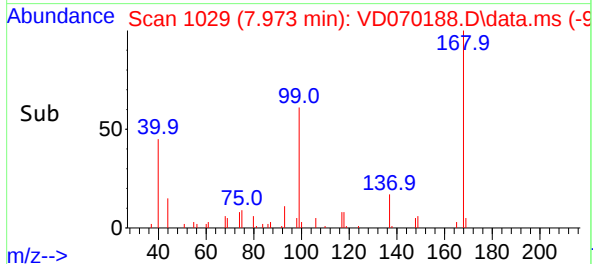
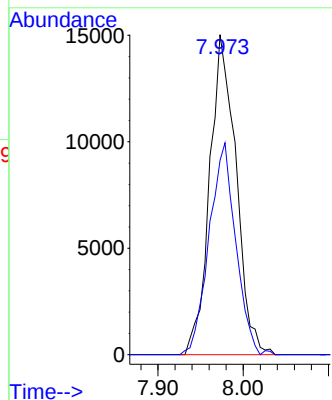
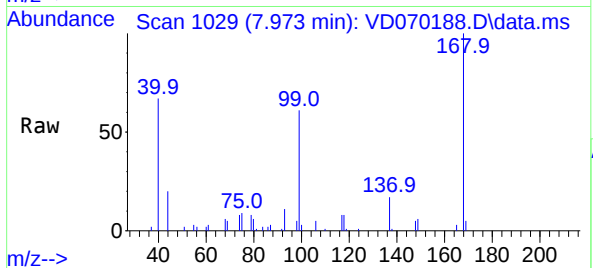




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070188.D
Acq: 20 Aug 2021 02:47

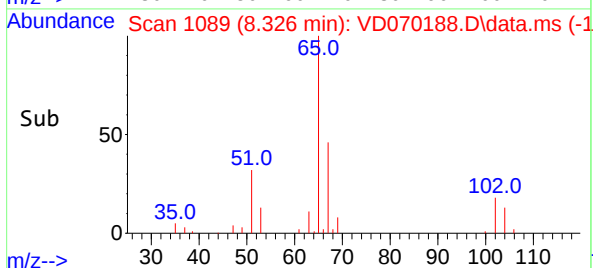
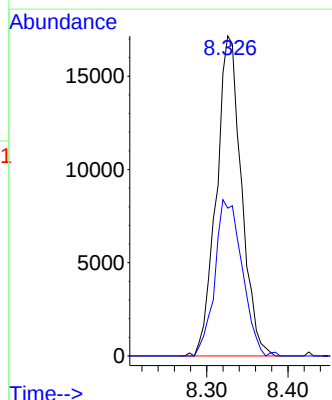
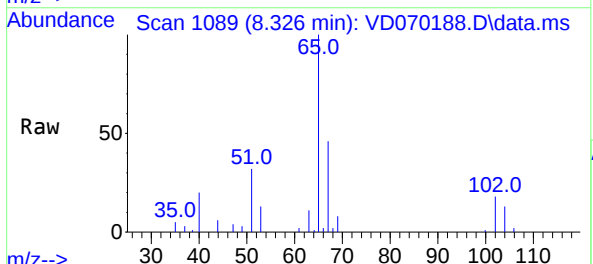
Instrument :
MSVOA_D
ClientSampleId :
TP2

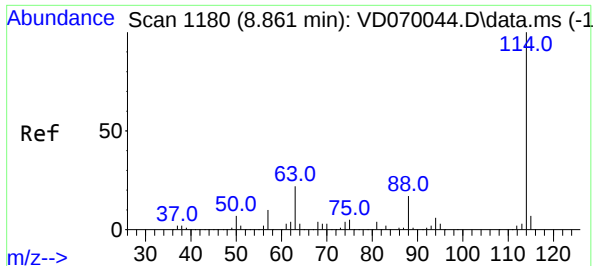
Tgt Ion:168 Resp: 32297
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



1,2-Dichloroethane-d4
Concen: 96.861 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070188.D
Acq: 20 Aug 2021 02:47

Tgt Ion: 65 Resp: 36794
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8



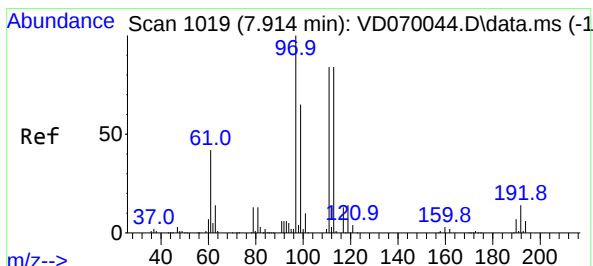
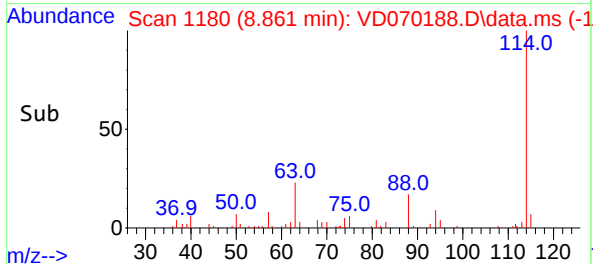
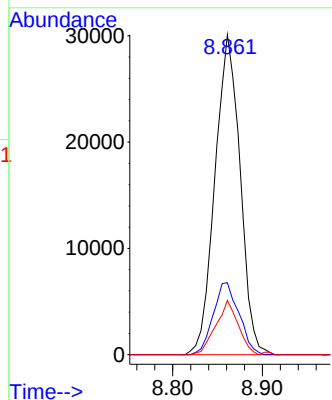
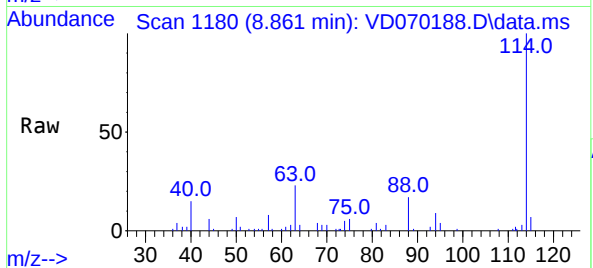


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070188.D
Acq: 20 Aug 2021 02:47

Instrument :
MSVOA_D
ClientSampled :
TP2

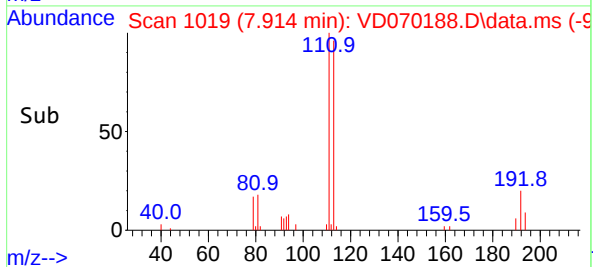
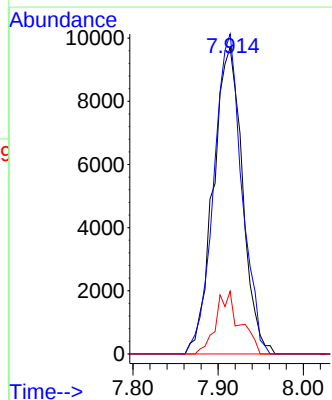
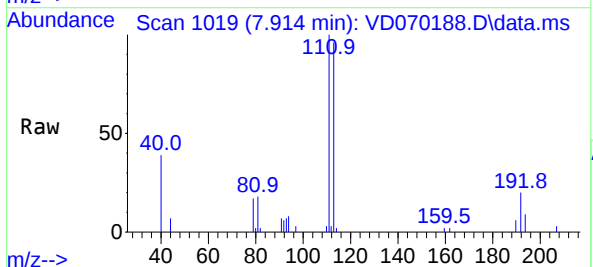
Tgt Ion:114 Resp: 58449
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.6
88 16.9 0.0 33.4

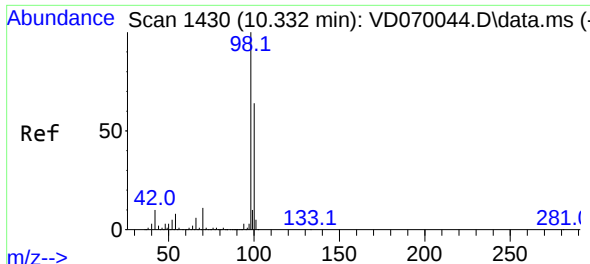


#35

Dibromofluoromethane
Concen: 61.215 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070188.D
Acq: 20 Aug 2021 02:47

Tgt Ion:113 Resp: 23116
Ion Ratio Lower Upper
113 100
111 100.5 81.8 122.6
192 16.7 13.2 19.8

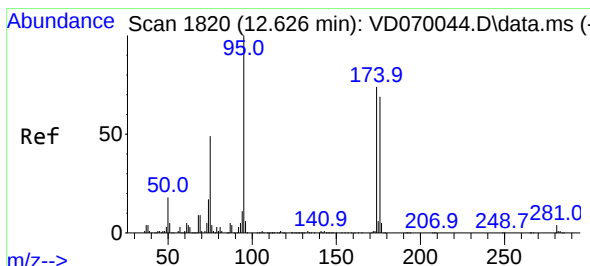
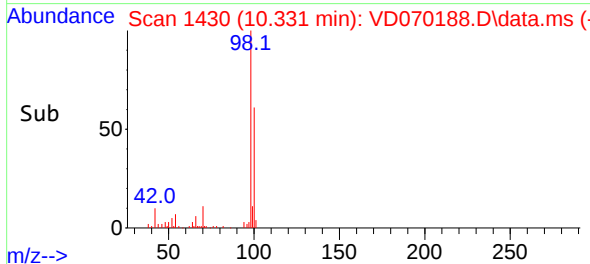
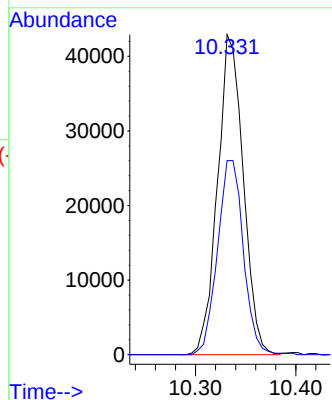
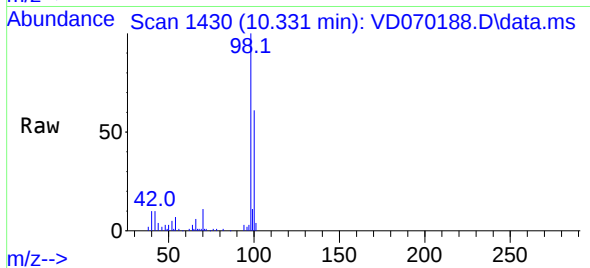




#50
Toluene-d8
Concen: 52.153 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070188.D
Acq: 20 Aug 2021 02:47

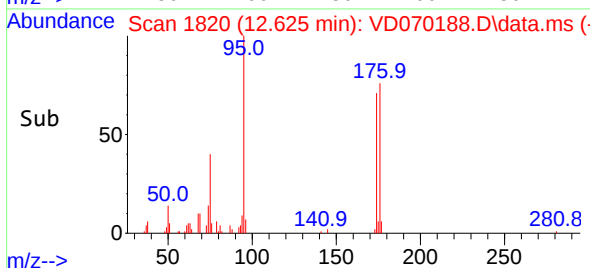
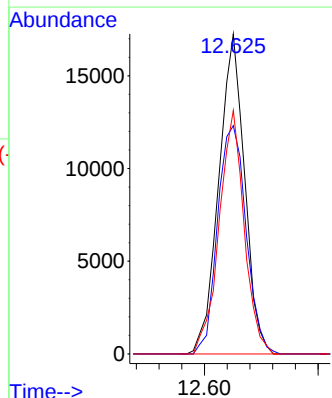
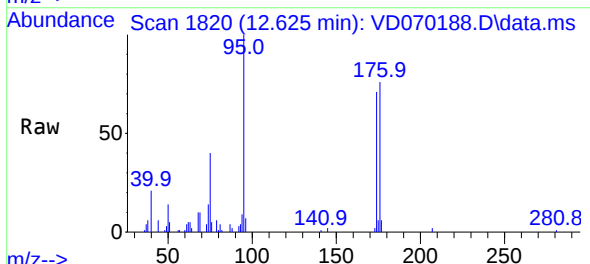
Instrument :
MSVOA_D
ClientSampled :
TP2

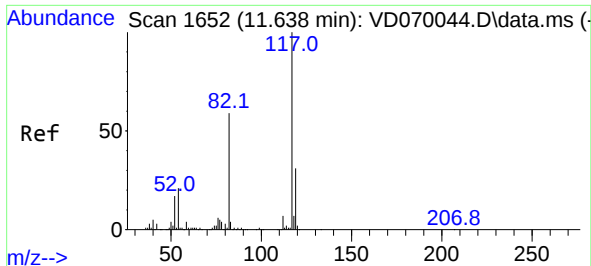
Tgt Ion: 98 Resp: 76598
Ion Ratio Lower Upper
98 100
100 61.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.270 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070188.D
Acq: 20 Aug 2021 02:47

Tgt Ion: 95 Resp: 27221
Ion Ratio Lower Upper
95 100
174 78.7 0.0 141.6
176 73.5 0.0 138.2

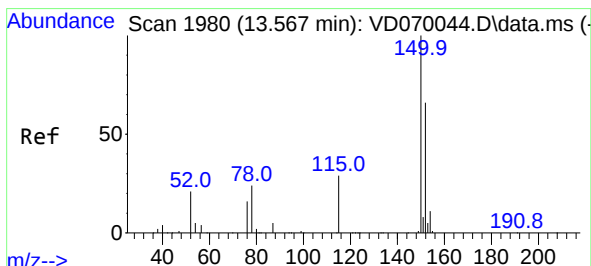
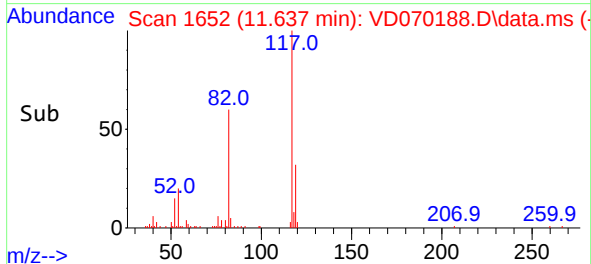
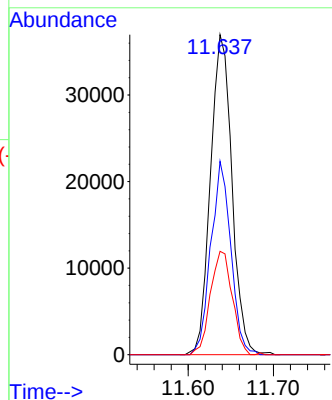
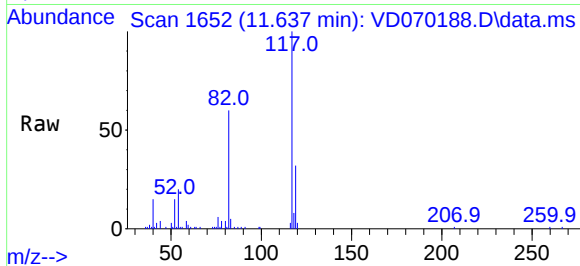




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070188.D
Acq: 20 Aug 2021 02:47

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion:	117	Resp:	64707
Ion	Ratio	Lower	Upper
117	100		
82	60.4	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: VD070188.D
Acq: 20 Aug 2021 02:47

Tgt Ion:	152	Resp:	28455
Ion	Ratio	Lower	Upper
152	100		
115	58.8	31.2	93.6
150	159.9	0.0	352.0

