

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070730.D
 Acq On : 18 Oct 2021 15:19
 Operator : VA/SY
 Sample : M4249-10
 Misc : 4.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-(D)

Quant Time: Oct 19 06:40:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	409020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	781169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	722541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	301971	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267085	55.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.914	113	260060	51.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.980%
50) Toluene-d8	10.332	98	1014753	52.924	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.840%
62) 4-Bromofluorobenzene	12.626	95	306247	46.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.780%

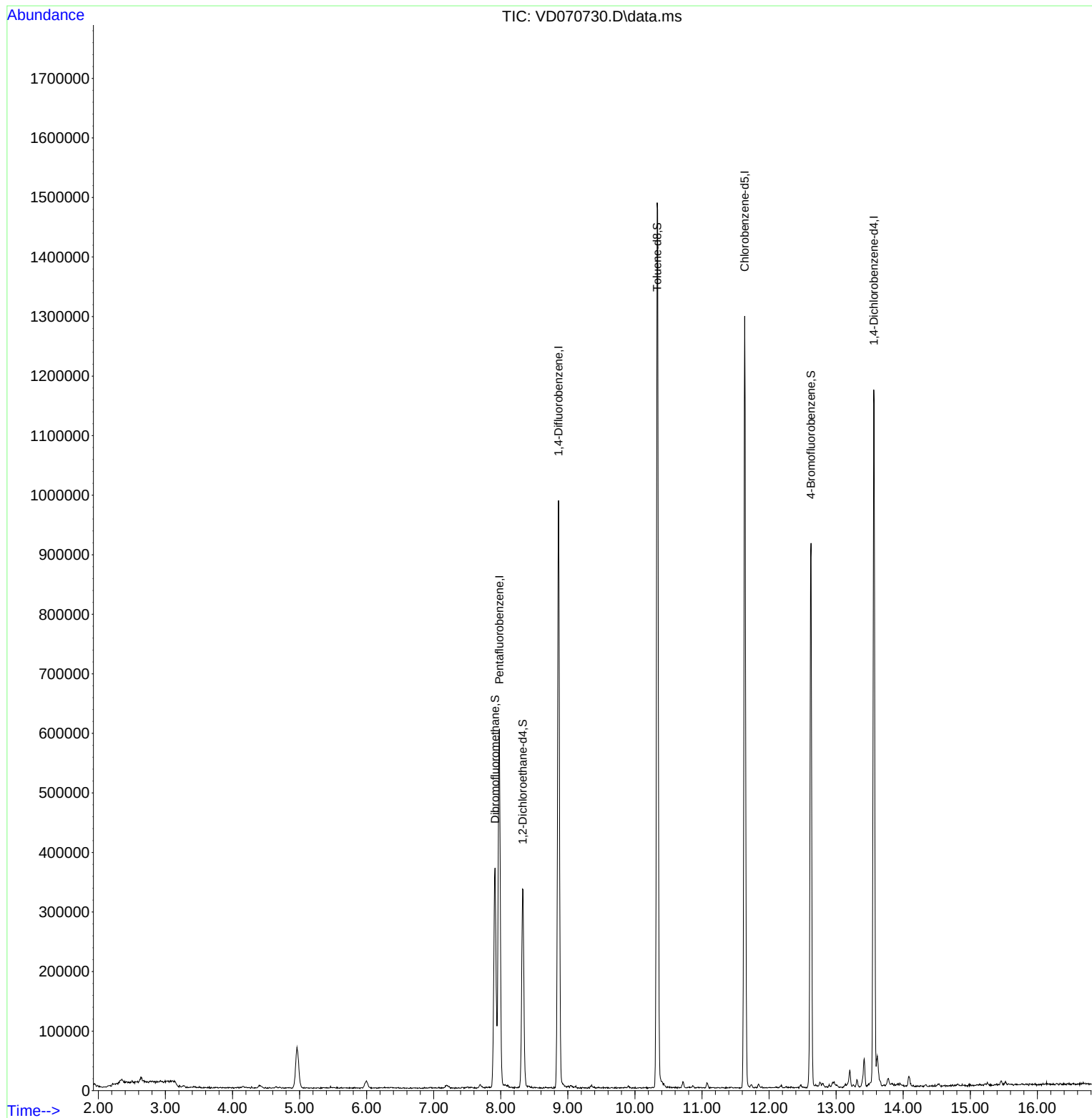
Target Compounds	Qvalue

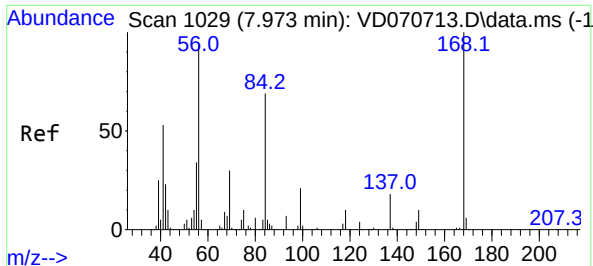
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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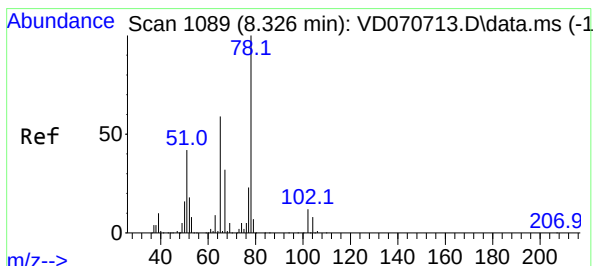
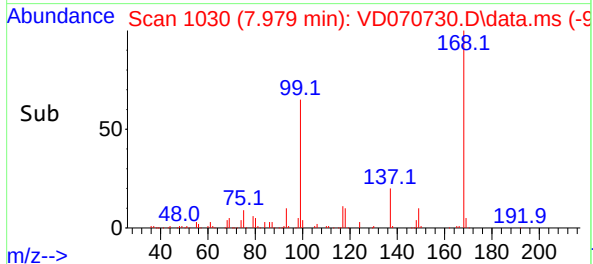
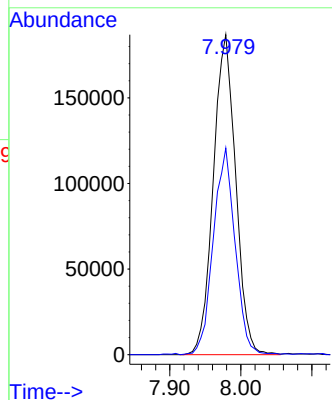
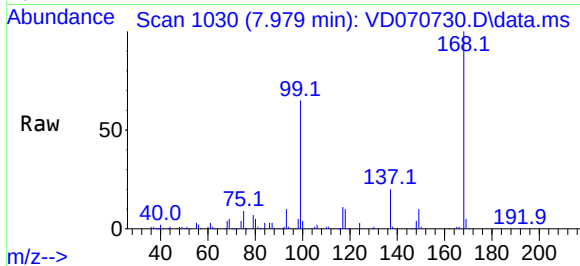




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

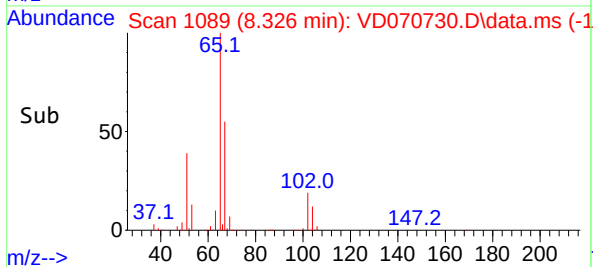
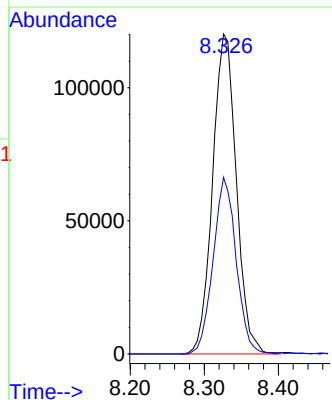
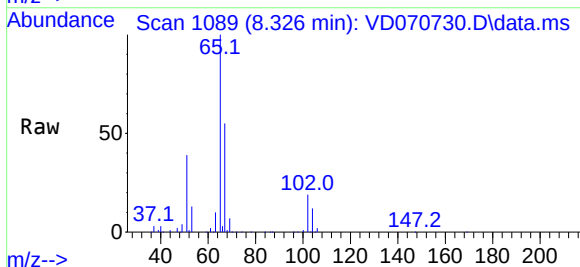
Instrument :
MSVOA_D
ClientSampleId :
TP2-(D)

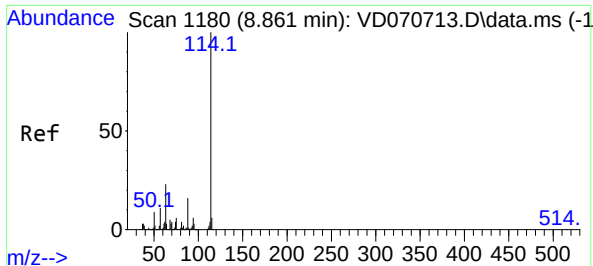
Tgt Ion:168 Resp: 409020
Ion Ratio Lower Upper
168 100
99 64.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.131 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion: 65 Resp: 267085
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.2



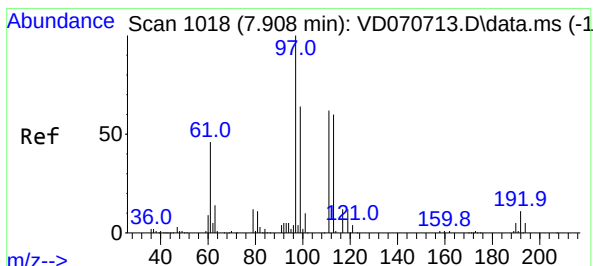
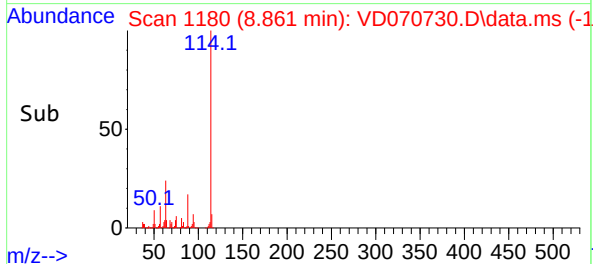
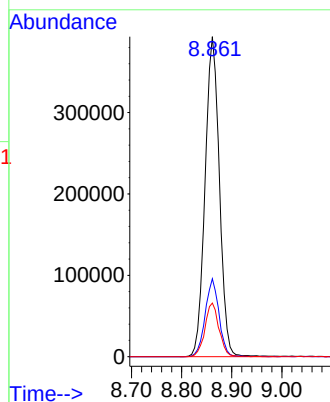
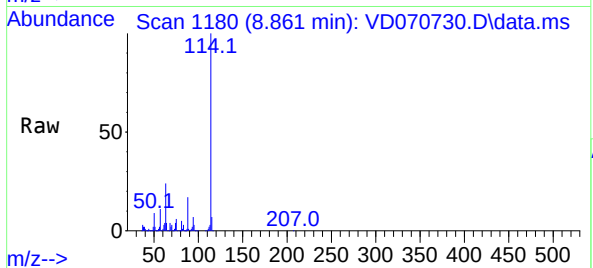


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Instrument :
MSVOA_D
ClientSampleId :
TP2-(D)

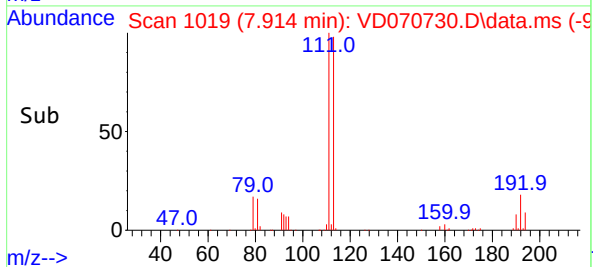
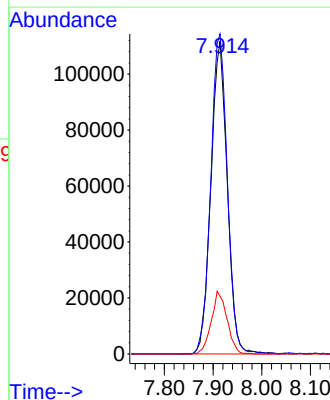
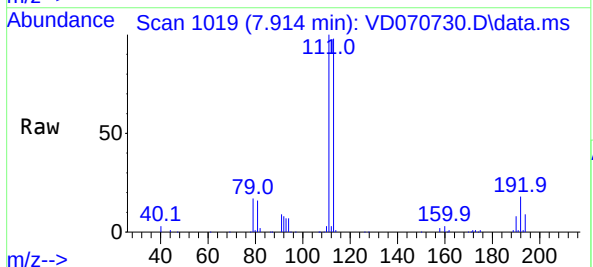
Tgt Ion:	114	Resp:	781169
Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	41.8
88	16.8	0.0	32.6

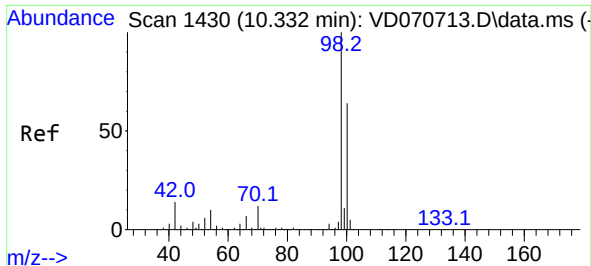


#35

Dibromofluoromethane
Concen: 51.992 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion:	113	Resp:	260060
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	19.3	12.7	19.1#

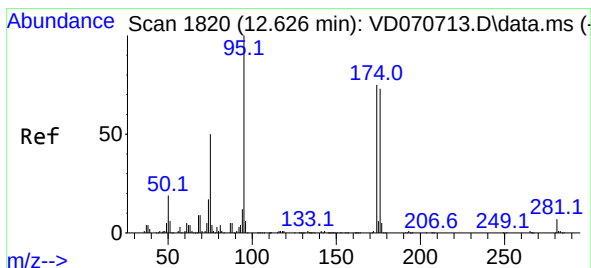
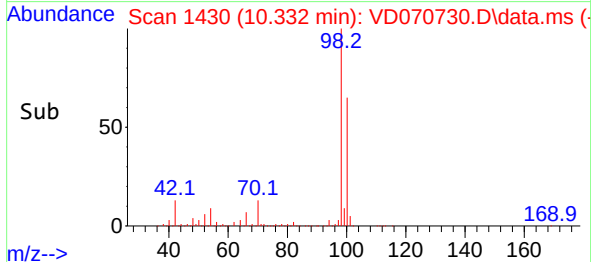
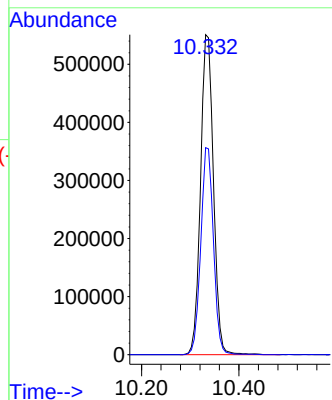
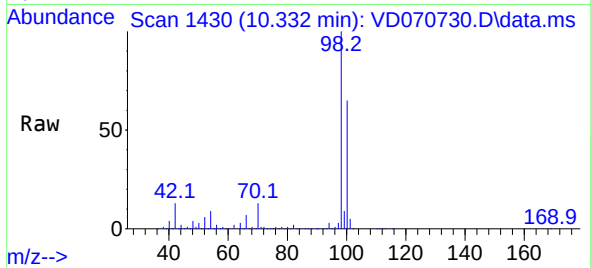




#50
Toluene-d8
Concen: 52.924 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

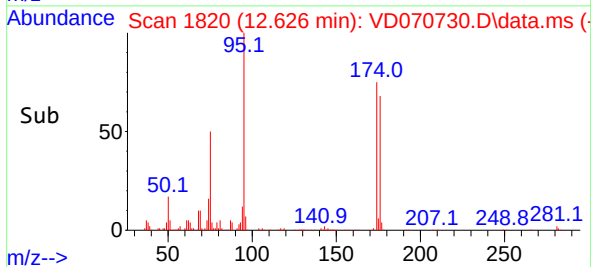
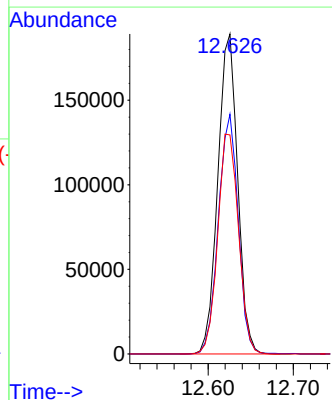
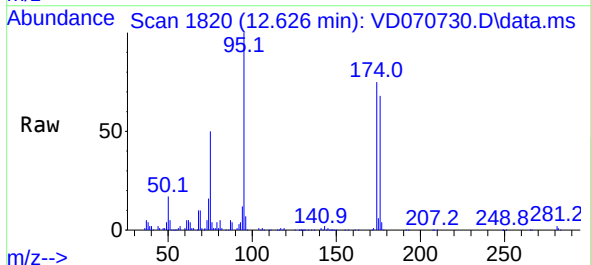
Instrument :
MSVOA_D
ClientSampleId :
TP2-(D)

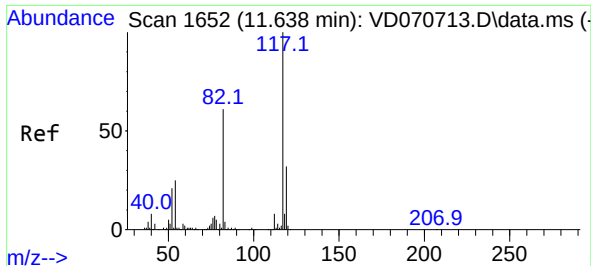
Tgt Ion: 98 Resp: 1014753
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.386 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion: 95 Resp: 306247
Ion Ratio Lower Upper
95 100
174 75.1 0.0 138.0
176 72.1 0.0 135.6

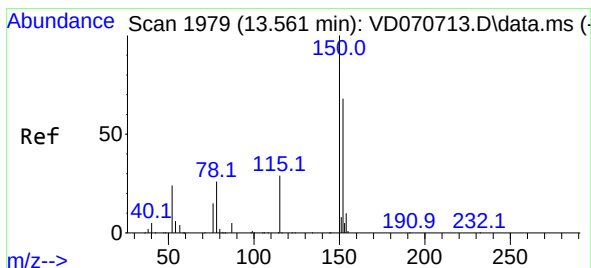
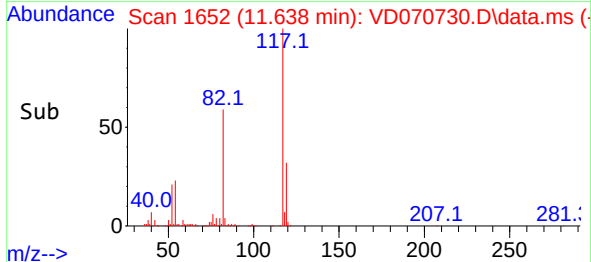
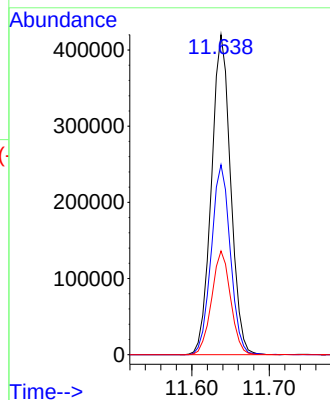
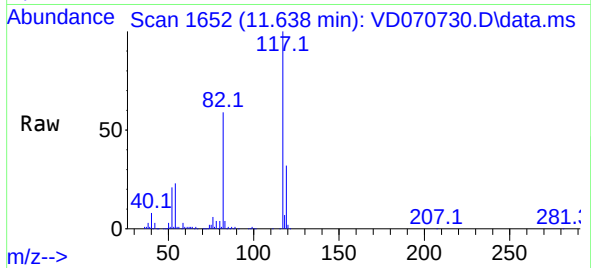




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Instrument :
MSVOA_D
ClientSampleId :
TP2-(D)

Tgt Ion:	117	Resp:	722541
Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.4	68.2
119	32.4	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion:	152	Resp:	301971
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.9	95.7
150	160.6	0.0	350.0

