

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070112.D
 Acq On : 18 Aug 2021 04:34
 Operator : VA/SY
 Sample : M3430-08
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-2D

Quant Time: Aug 18 05:00:05 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	7.979	168	12197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	24673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	23107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	9613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13224	92.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.360%#
35) Dibromofluoromethane	7.908	113	8562	53.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.420%
50) Toluene-d8	10.338	98	25859	41.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.420%
62) 4-Bromofluorobenzene	12.626	95	9539	46.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.420%

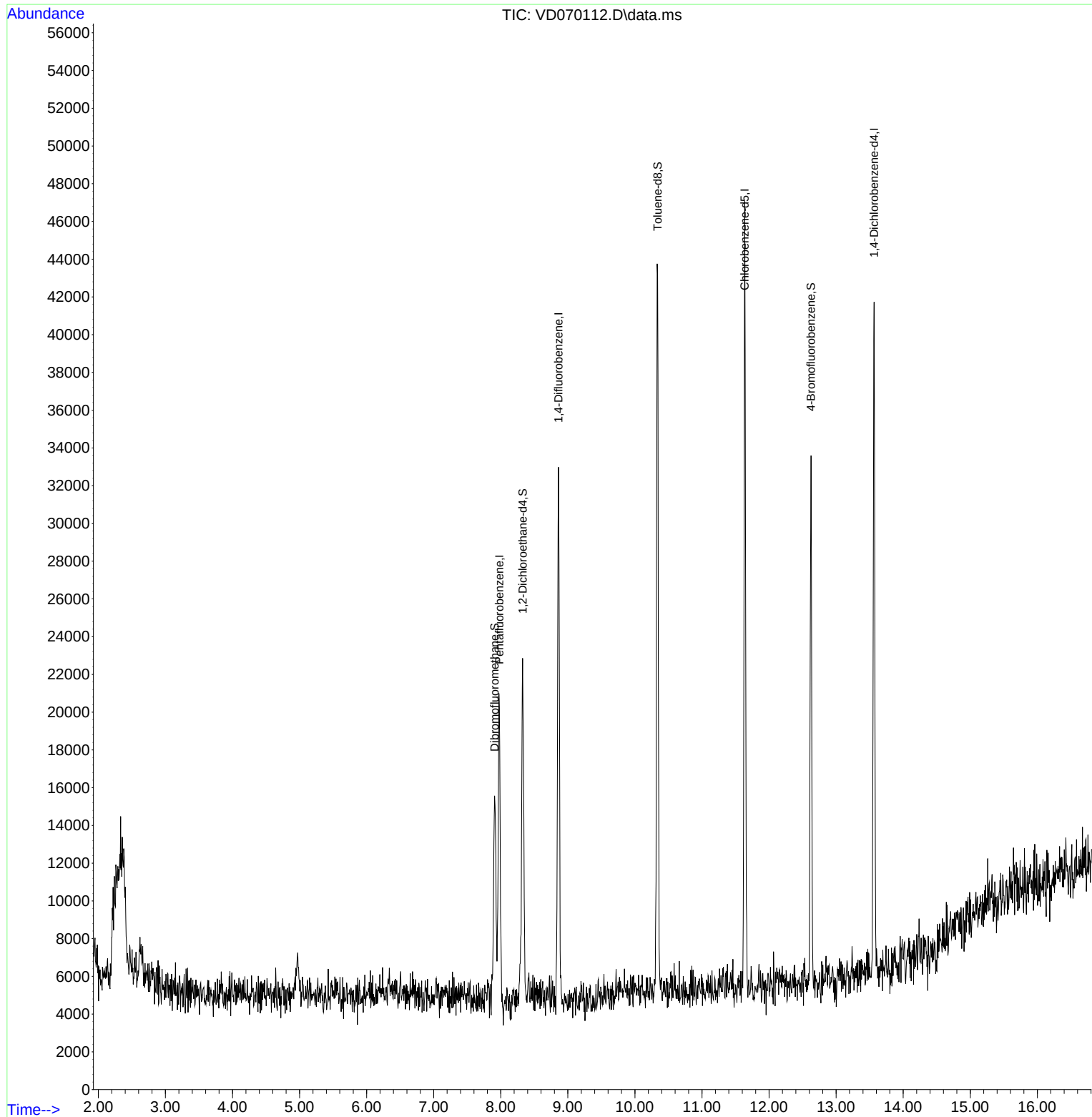
Target Compounds	Qvalue

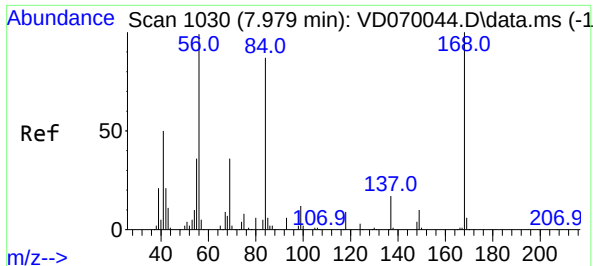
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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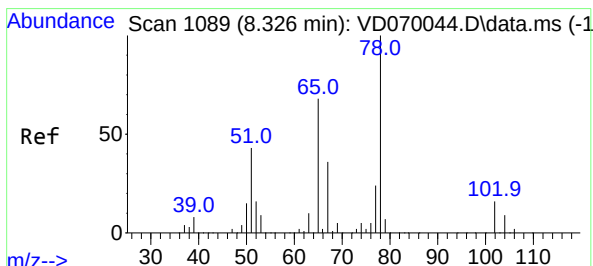
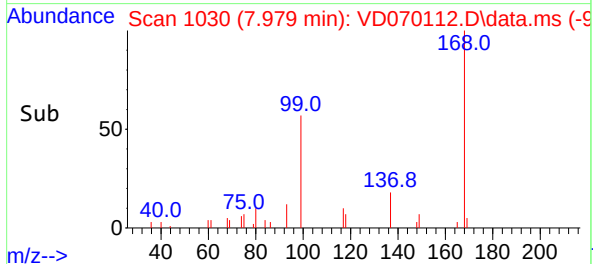
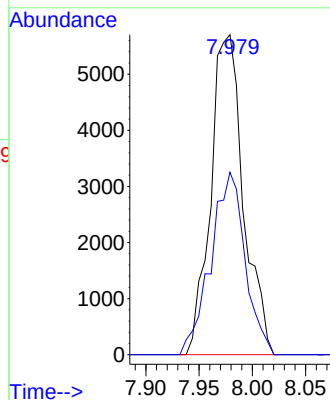
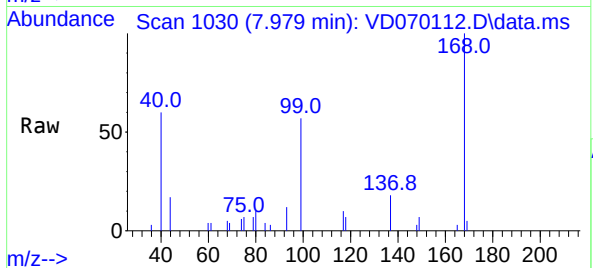




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: VD070112.D
 Acq: 18 Aug 2021 04:34

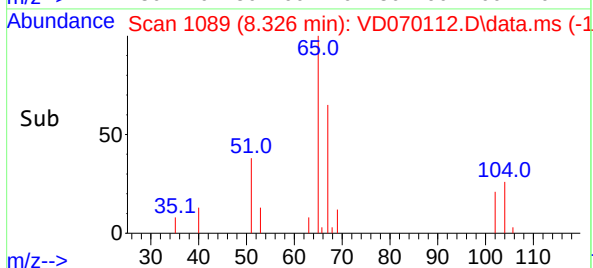
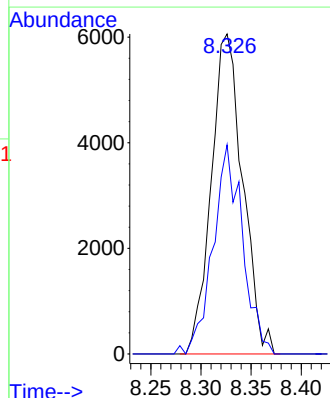
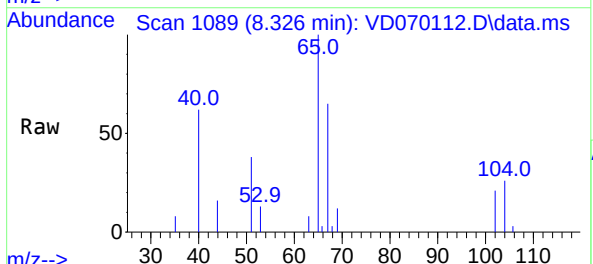
Instrument :
 MSVOA_D
 ClientSampleId :
 PE-2D

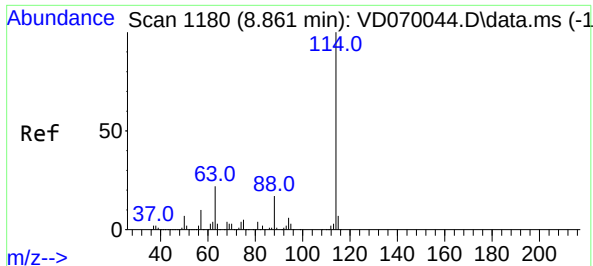
Tgt Ion:168 Resp: 12197
 Ion Ratio Lower Upper
 168 100
 99 57.0 50.3 75.5



1,2-Dichloroethane-d4
 Concen: 92.182 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD070112.D
 Acq: 18 Aug 2021 04:34

Tgt Ion: 65 Resp: 13224
 Ion Ratio Lower Upper
 65 100
 67 61.2 0.0 107.8



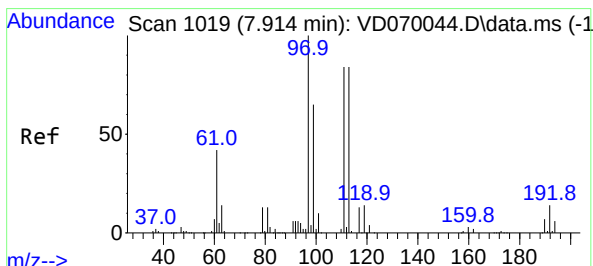
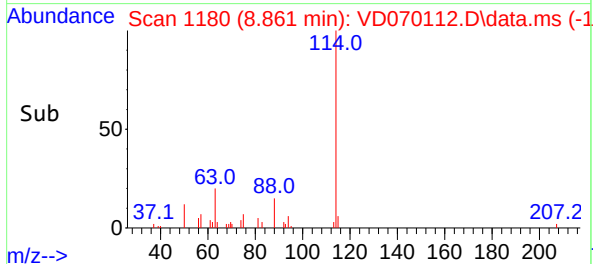
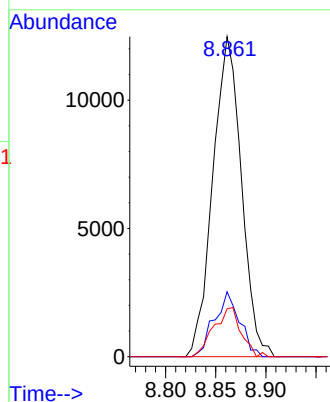
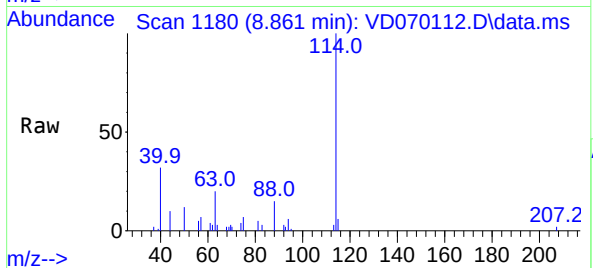


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070112.D
Acq: 18 Aug 2021 04:34

Instrument :
MSVOA_D
ClientSampleId :
PE-2D

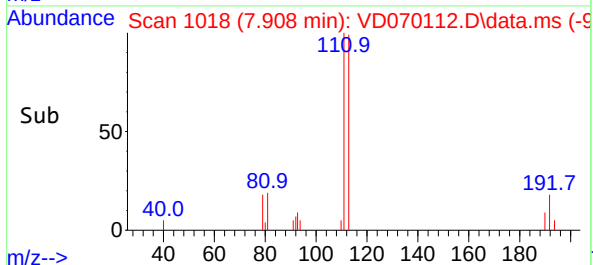
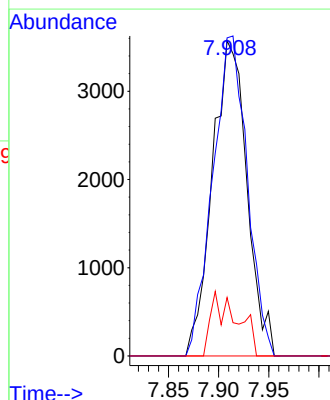
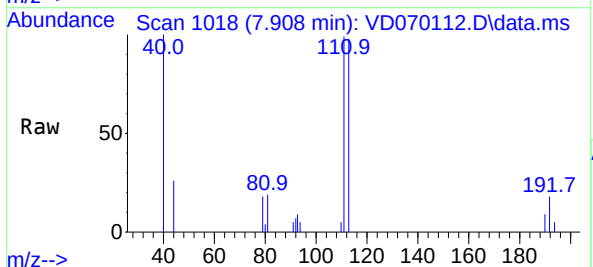
Tgt Ion:	114	Resp:	24673
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.6
88	15.0	0.0	33.4

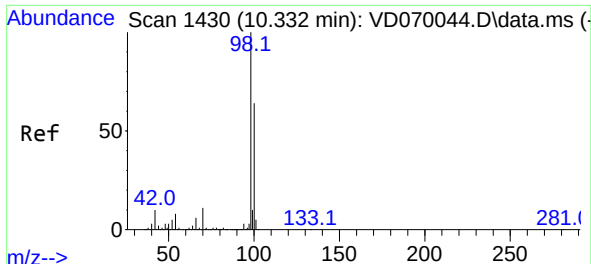


#35

Dibromofluoromethane
Concen: 53.713 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070112.D
Acq: 18 Aug 2021 04:34

Tgt Ion:	113	Resp:	8562
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.6
192	15.4	13.2	19.8

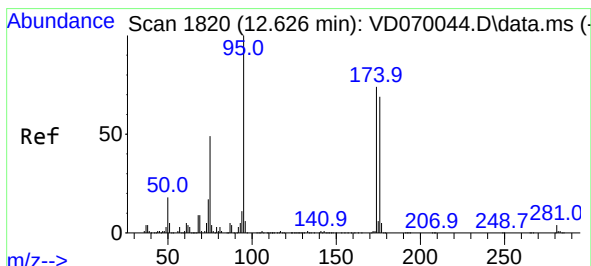
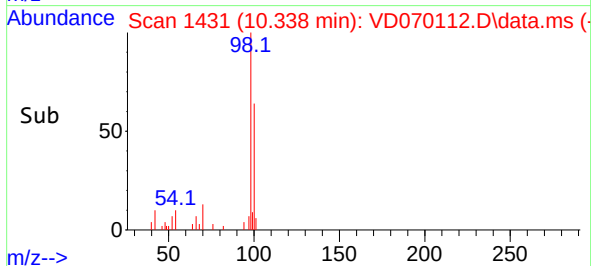
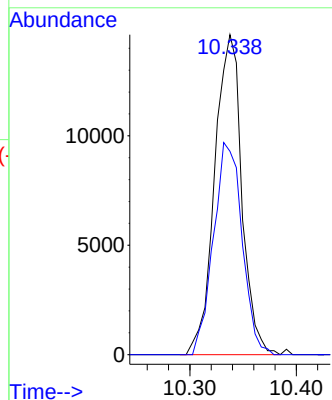
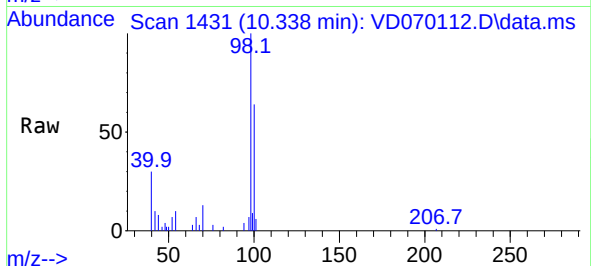




#50
Toluene-d8
Concen: 41.709 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070112.D
Acq: 18 Aug 2021 04:34

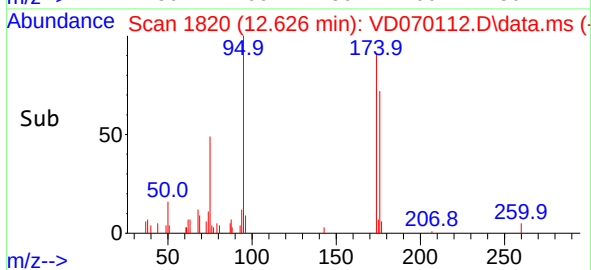
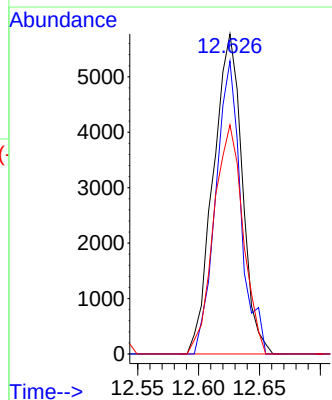
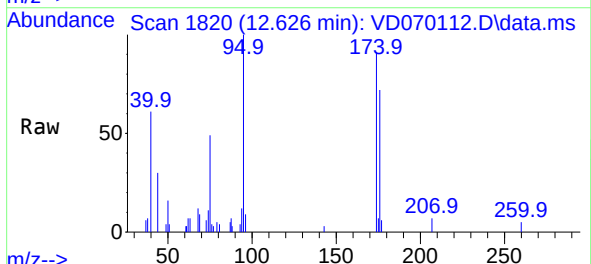
Instrument :
MSVOA_D
ClientSampleId :
PE-2D

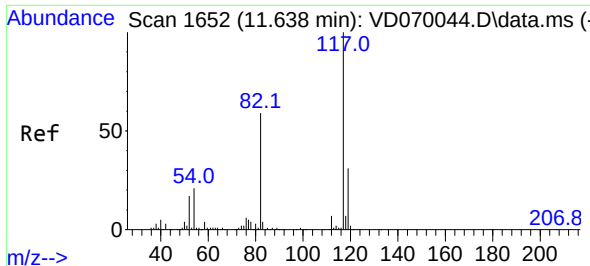
Tgt Ion: 98 Resp: 25859
Ion Ratio Lower Upper
98 100
100 69.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.712 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070112.D
Acq: 18 Aug 2021 04:34

Tgt Ion: 95 Resp: 9539
Ion Ratio Lower Upper
95 100
174 79.4 0.0 141.6
176 72.7 0.0 138.2

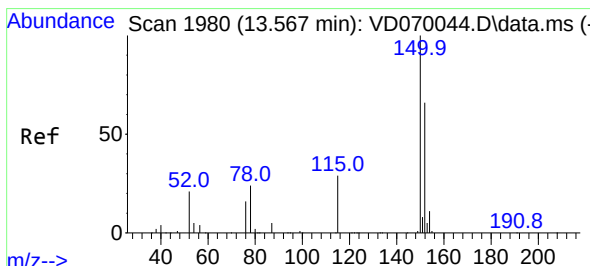
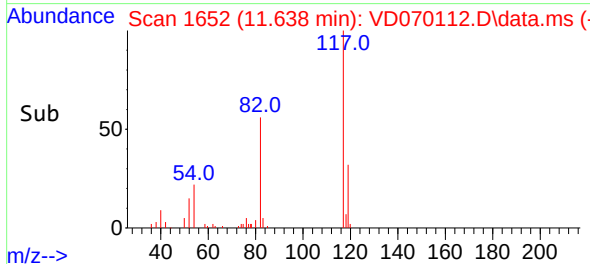
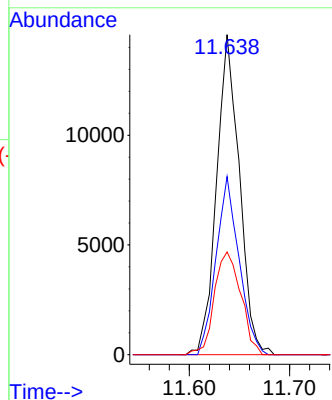
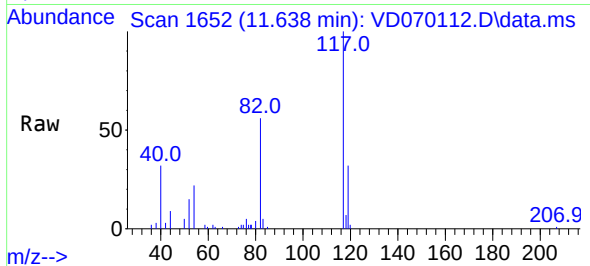




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070112.D
Acq: 18 Aug 2021 04:34

Instrument :
MSVOA_D
ClientSampleId :
PE-2D

Tgt Ion:	117	Resp:	23107
Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.5	71.3
119	32.1	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: VD070112.D
Acq: 18 Aug 2021 04:34

Tgt Ion:	152	Resp:	9613
Ion	Ratio	Lower	Upper
152	100		
115	53.3	31.2	93.6
150	168.9	0.0	352.0

