

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070330.D
 Acq On : 13 Sep 2021 16:56
 Operator : VA/SY
 Sample : M3711-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-091021

Quant Time: Sep 14 00:54:57 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	12278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	21518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	28705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	14223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	12673	80.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.780%
35) Dibromofluoromethane	7.909	113	7784	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.332	98	28571	51.376	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.620	95	12547	64.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.120%

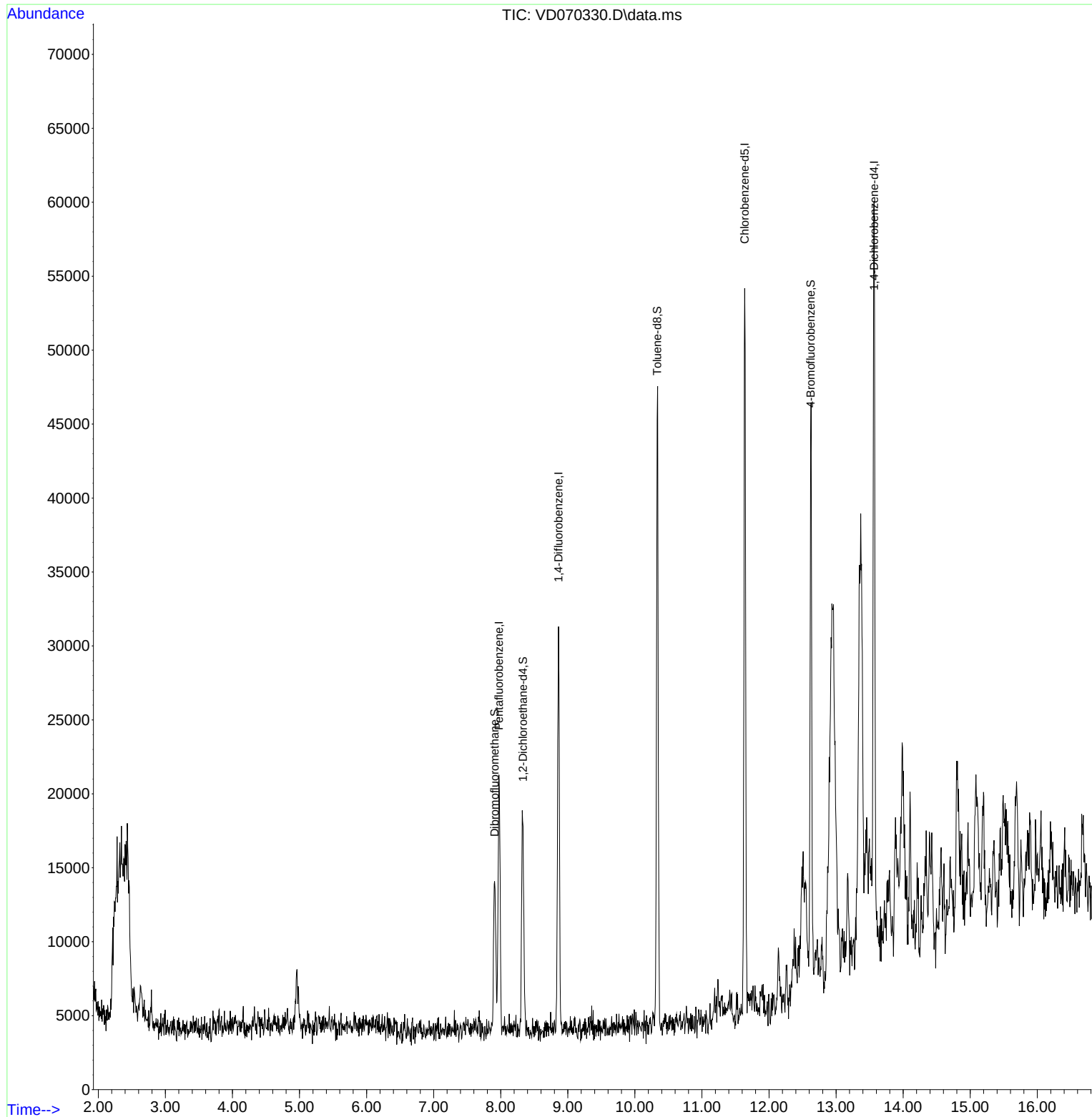
Target Compounds	Qvalue

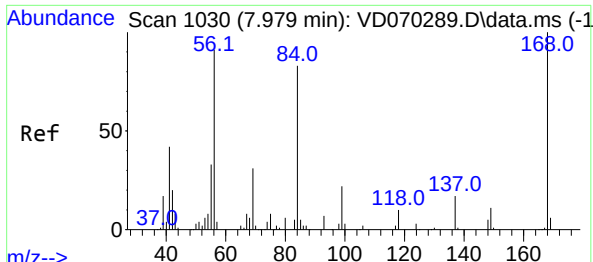
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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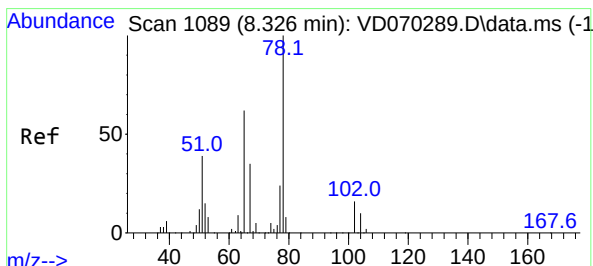
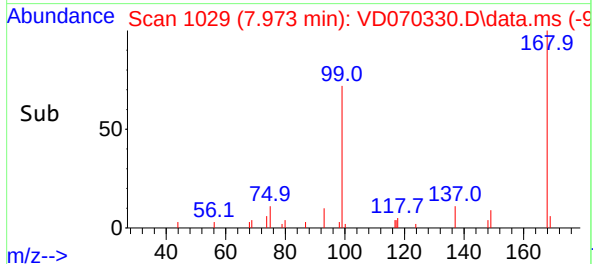
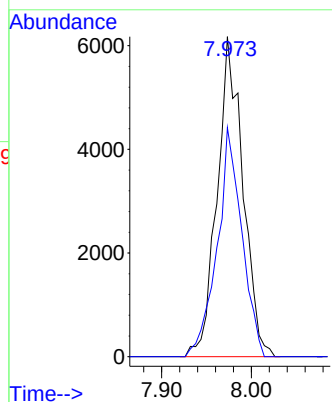
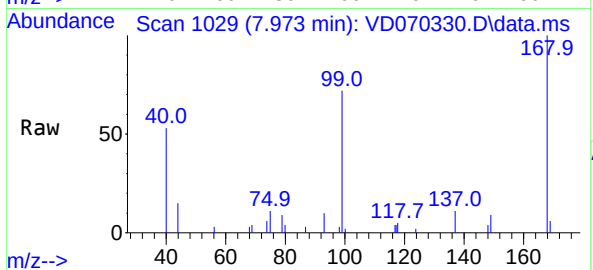




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070330.D
Acq: 13 Sep 2021 16:56

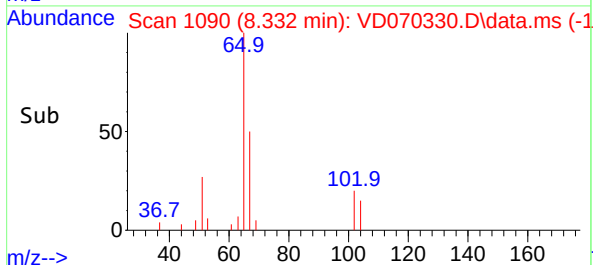
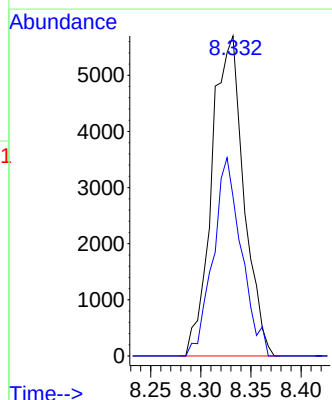
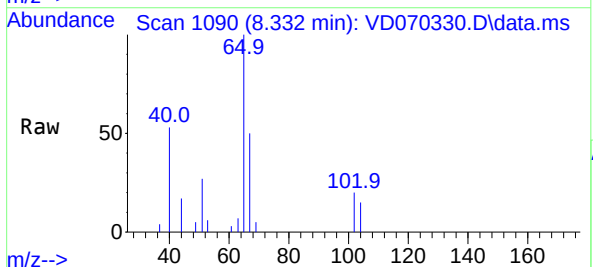
Instrument :
MSVOA_D
ClientSampleId :
TR-04-091021

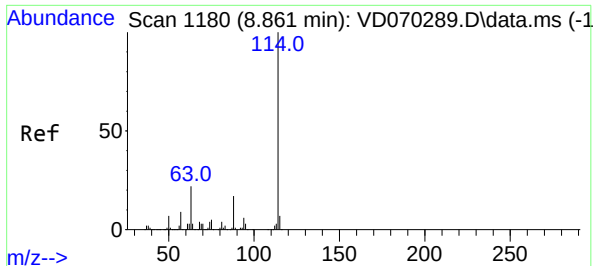
Tgt Ion:168 Resp: 12278
Ion Ratio Lower Upper
168 100
99 71.6 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 80.386 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070330.D
Acq: 13 Sep 2021 16:56

Tgt Ion: 65 Resp: 12673
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.4



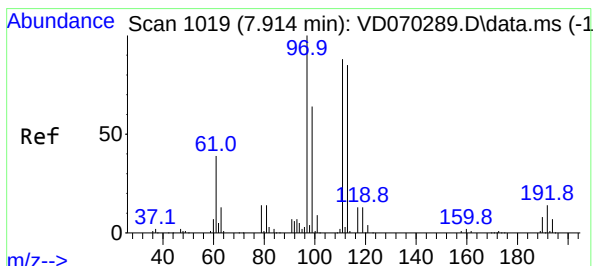
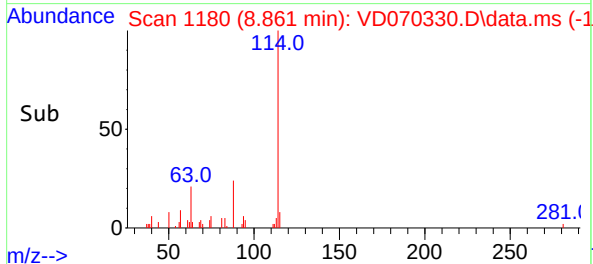
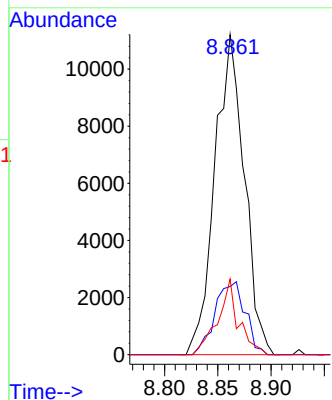
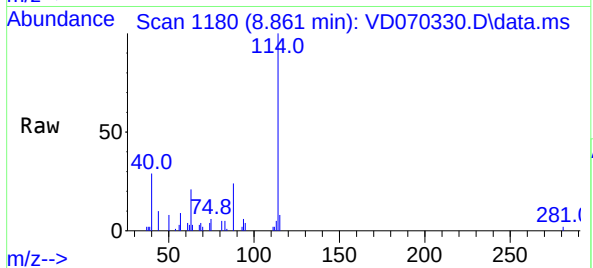


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070330.D
Acq: 13 Sep 2021 16:56

Instrument :
MSVOA_D
ClientSampleId :
TR-04-091021

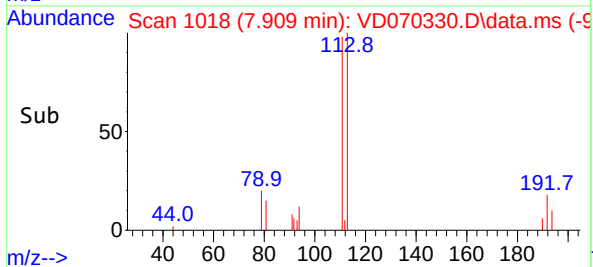
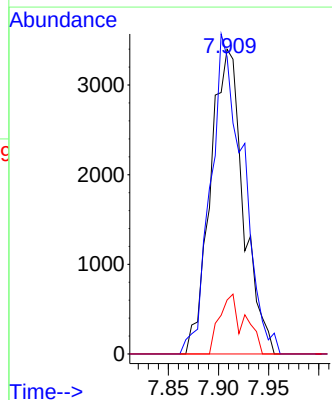
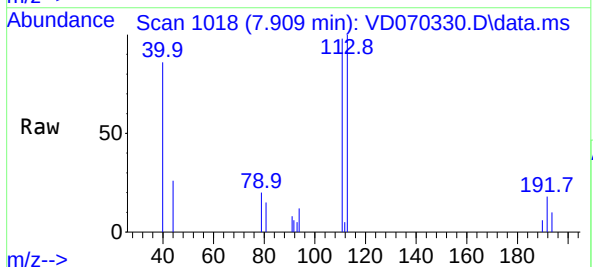
Tgt Ion:	114	Resp:	21518
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	23.7	0.0	33.4

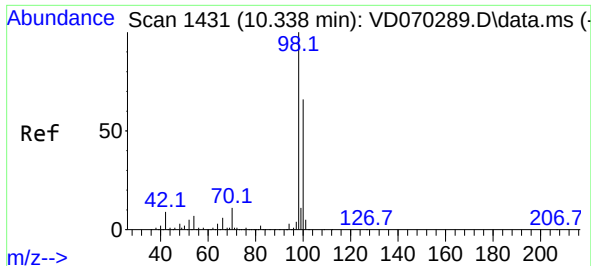


#35

Dibromofluoromethane
Concen: 50.820 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070330.D
Acq: 13 Sep 2021 16:56

Tgt Ion:	113	Resp:	7784
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.2
192	14.9	13.0	19.6

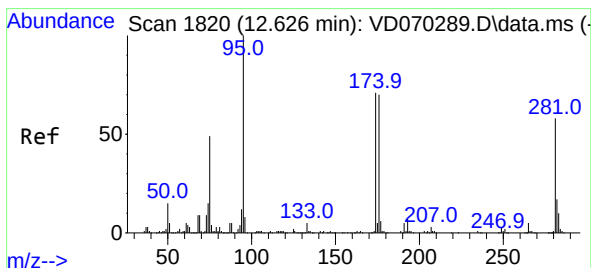
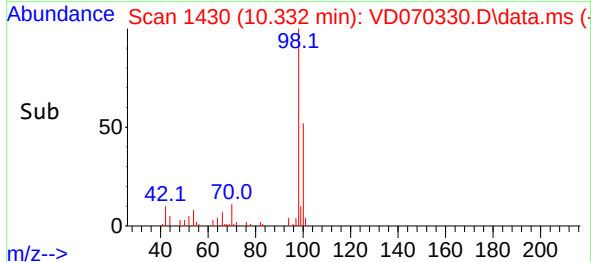
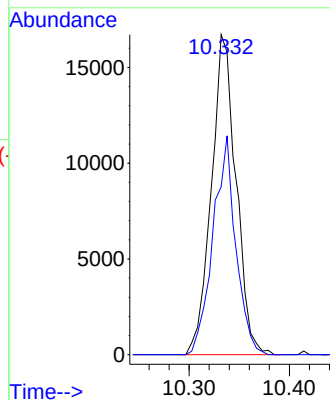
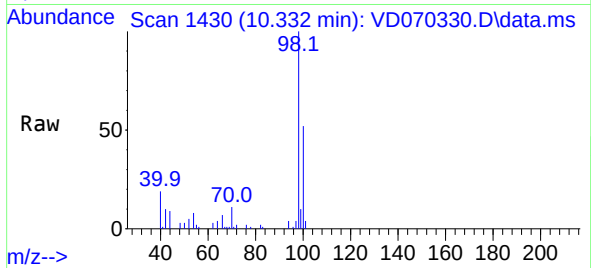




#50
Toluene-d8
Concen: 51.376 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070330.D
Acq: 13 Sep 2021 16:56

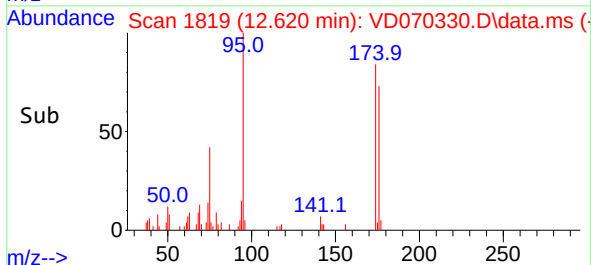
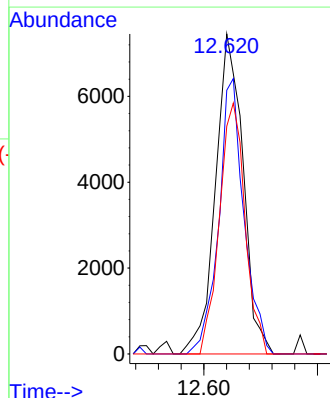
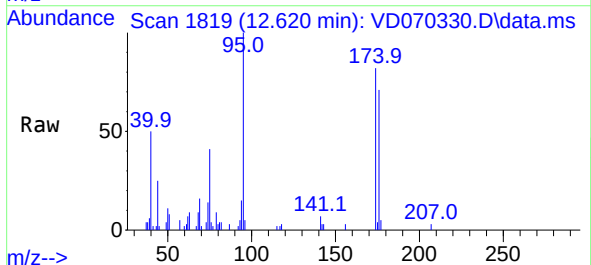
Instrument :
MSVOA_D
ClientSampleId :
TR-04-091021

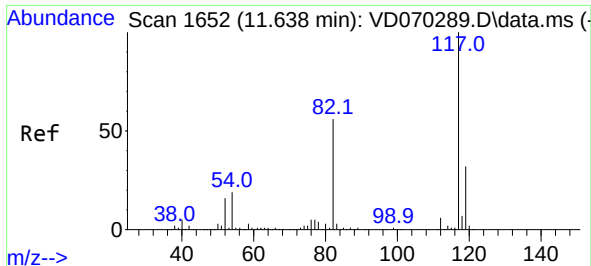
Tgt Ion: 98 Resp: 28571
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 64.557 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070330.D
Acq: 13 Sep 2021 16:56

Tgt Ion: 95 Resp: 12547
Ion Ratio Lower Upper
95 100
174 79.1 0.0 140.6
176 73.1 0.0 137.4

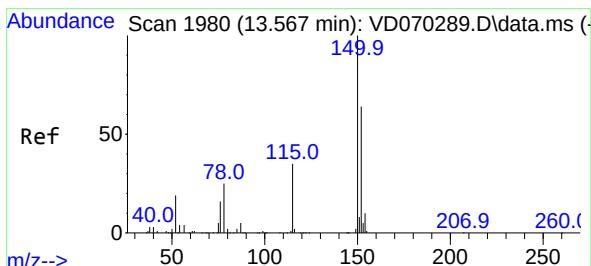
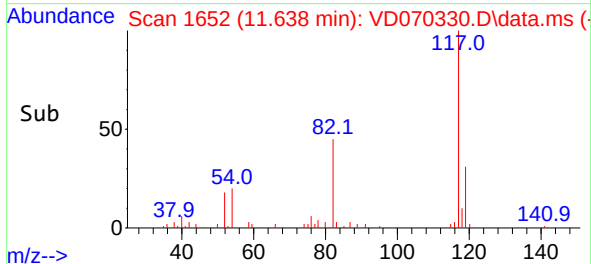
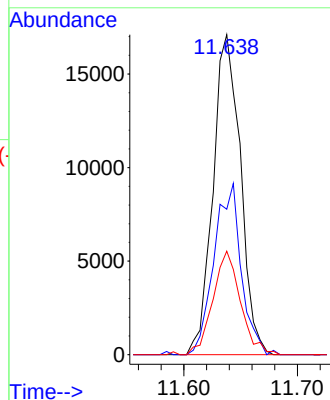
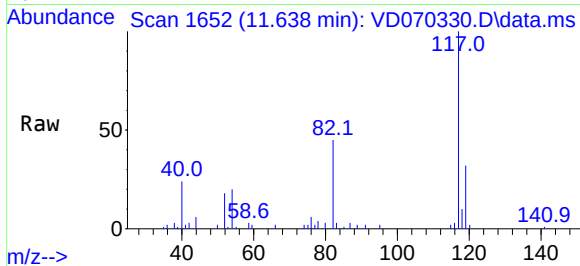




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070330.D
Acq: 13 Sep 2021 16:56

Instrument :
MSVOA_D
ClientSampleId :
TR-04-091021

Tgt Ion:	117	Resp:	28705
Ion	Ratio	Lower	Upper
117	100		
82	45.4	45.0	67.4
119	32.3	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: VD070330.D
Acq: 13 Sep 2021 16:56

Tgt Ion:	152	Resp:	14223
Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.1	96.3
150	152.9	0.0	350.6

