

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070326.D
 Acq On : 13 Sep 2021 15:01
 Operator : VA/SY
 Sample : M3715-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-2-091021

Quant Time: Sep 14 00:53:36 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	2124	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	4174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4920	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	2023	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2428	89.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.060%#
35) Dibromofluoromethane	7.909	113	1762	59.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.600%
50) Toluene-d8	10.332	98	5086	47.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.620	95	1588	42.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.240%

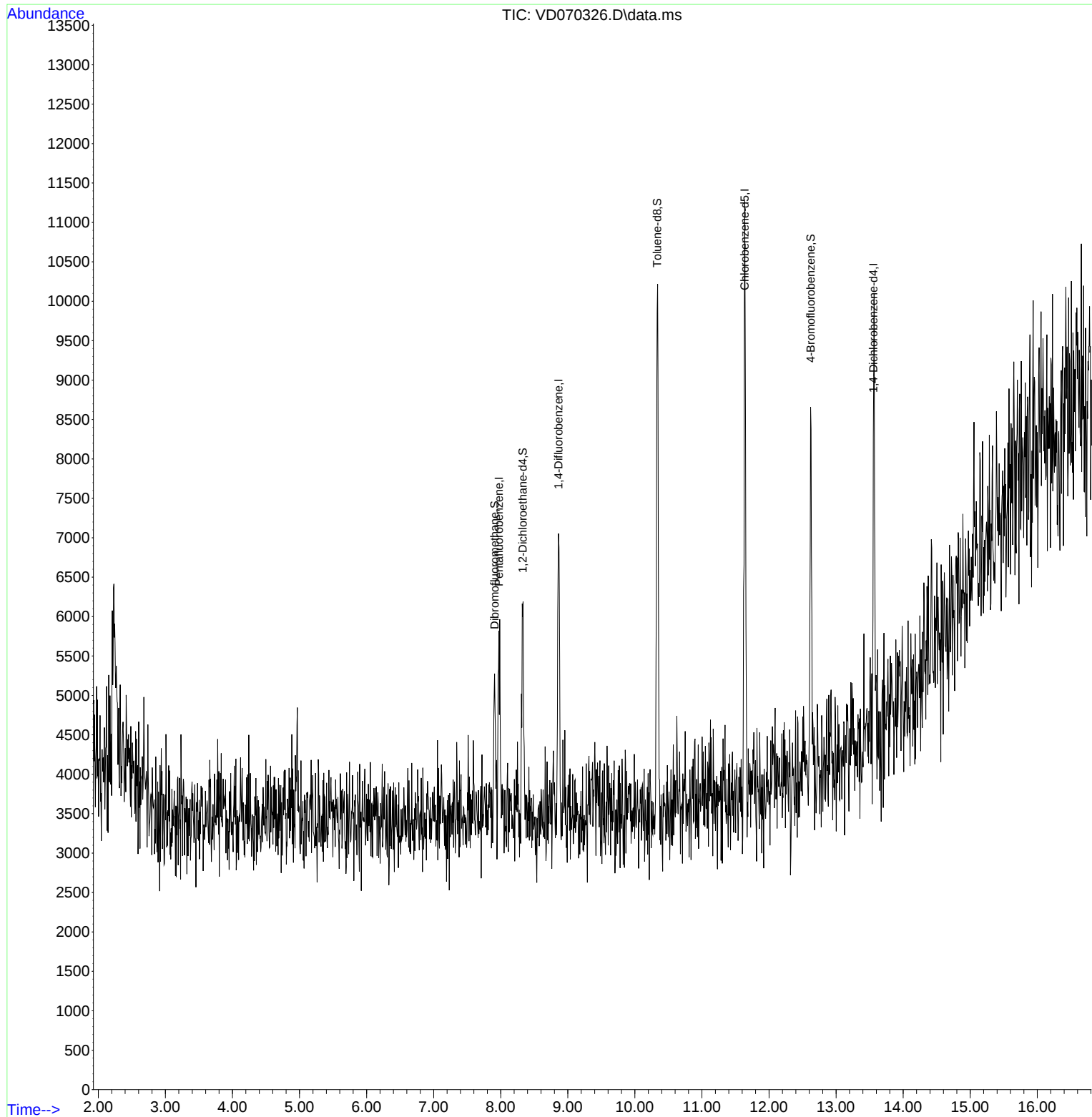
Target Compounds	Qvalue

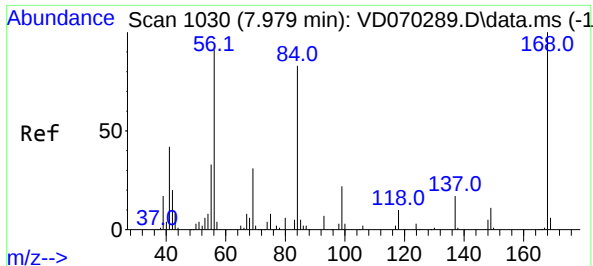
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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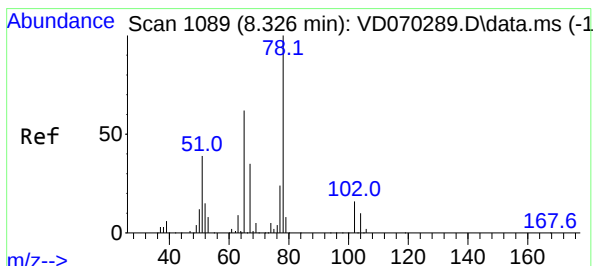
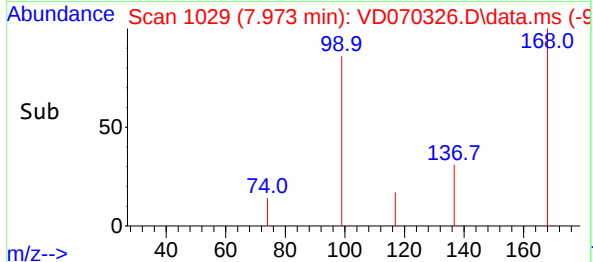
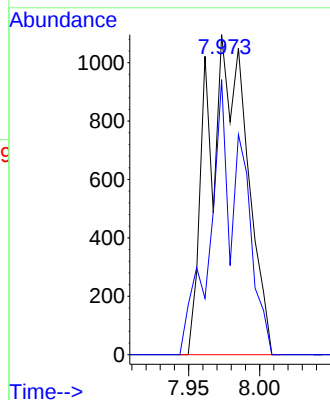
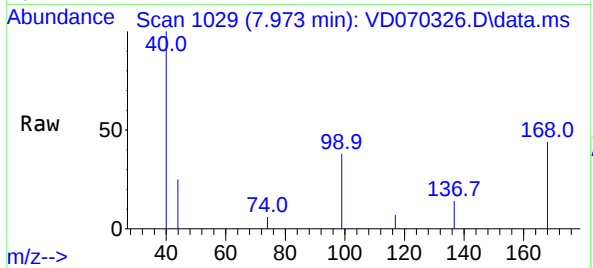




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

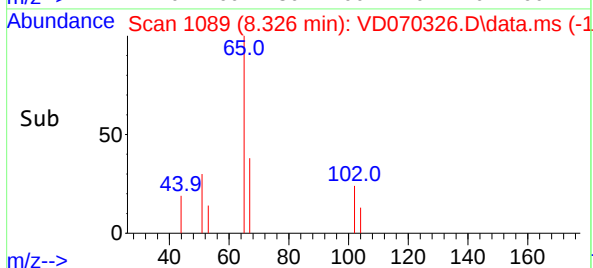
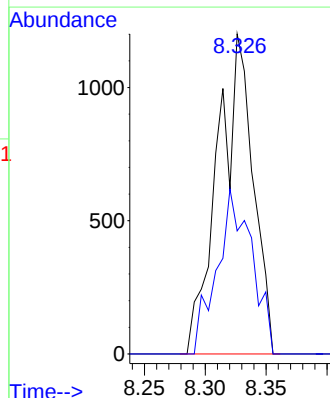
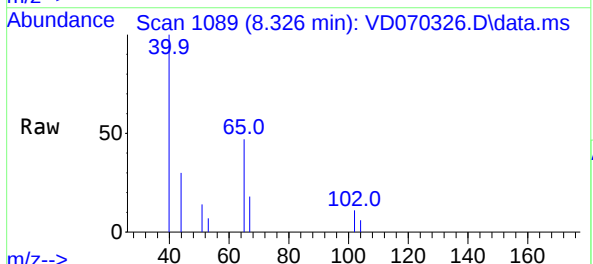
Instrument :
MSVOA_D
ClientSampled :
CL-2-091021

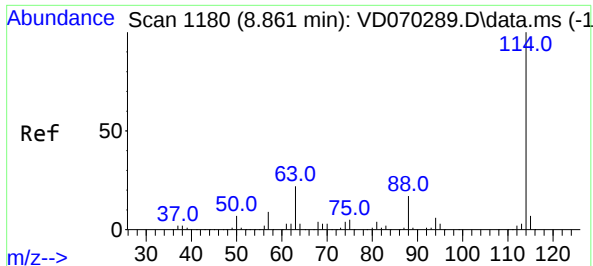
Tgt Ion:168 Resp: 2124
Ion Ratio Lower Upper
168 100
99 85.9 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 89.027 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion: 65 Resp: 2428
Ion Ratio Lower Upper
65 100
67 50.7 0.0 111.4



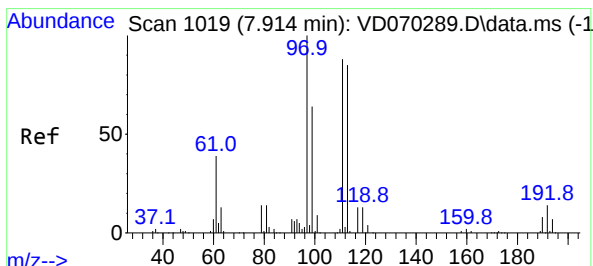
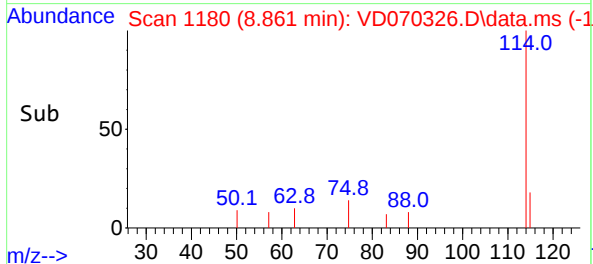
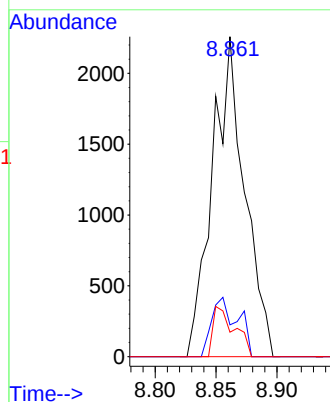
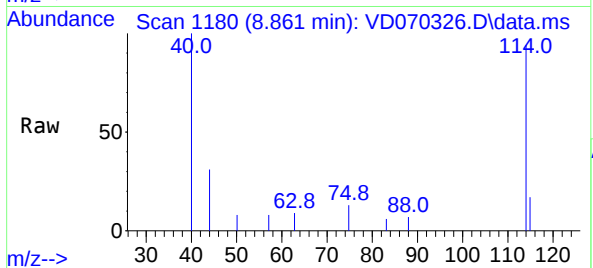


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Instrument :
MSVOA_D
ClientSampled :
CL-2-091021

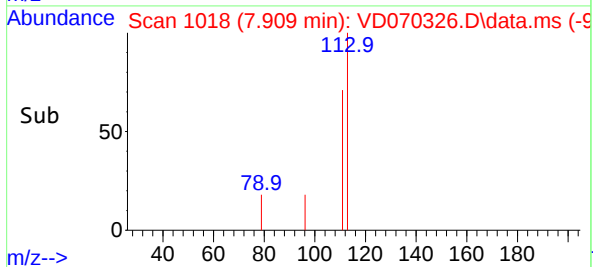
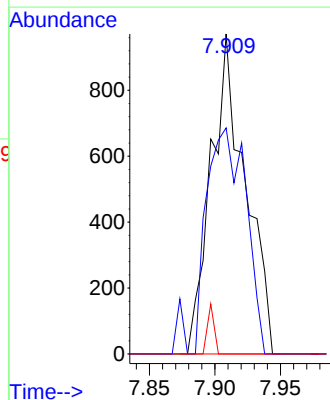
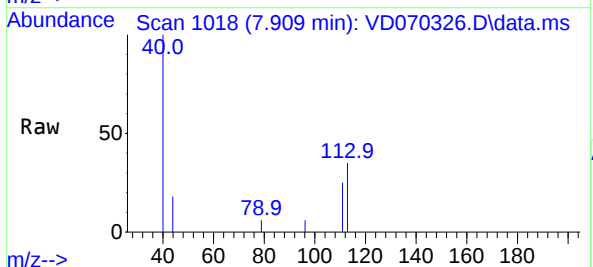
Tgt Ion:	114	Resp:	4174
Ion Ratio	Lower	Upper	
114	100		
63	10.0	0.0	43.4
88	7.7	0.0	33.4

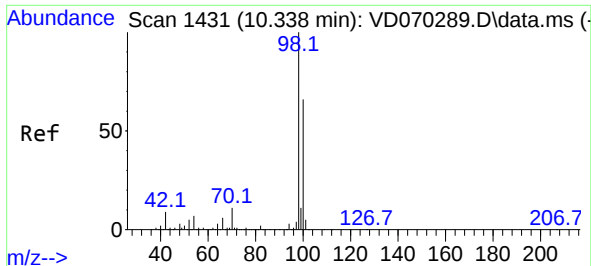


#35

Dibromofluoromethane
Concen: 59.304 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion:	113	Resp:	1762
Ion Ratio	Lower	Upper	
113	100		
111	84.4	81.4	122.2
192	3.1	13.0	19.6#

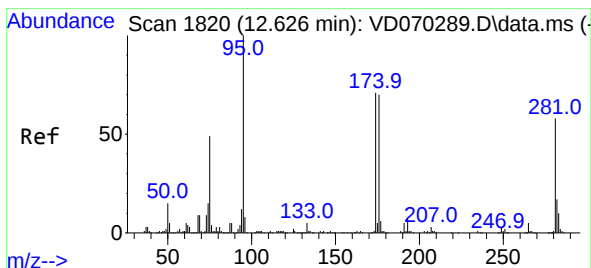
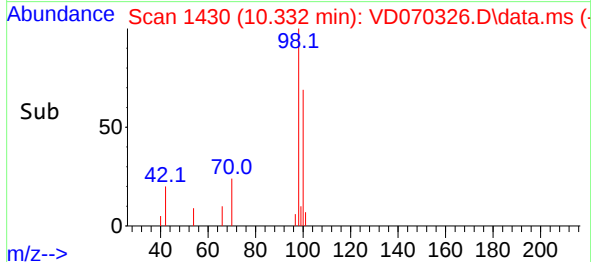
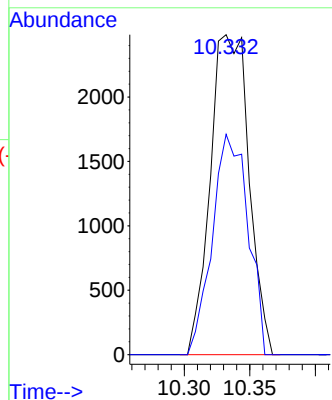
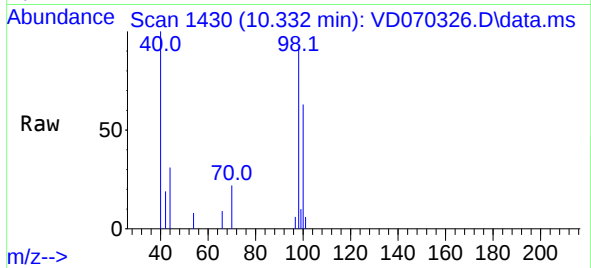




#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

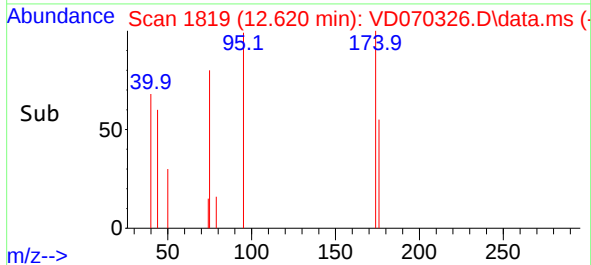
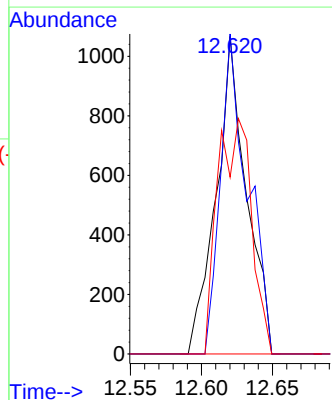
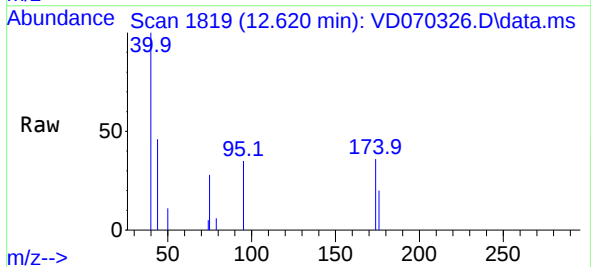
Instrument :
MSVOA_D
ClientSampleId :
CL-2-091021

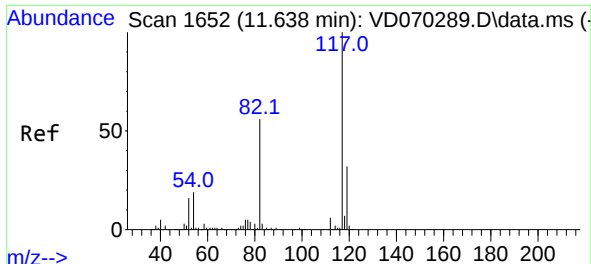
Tgt Ion: 98 Resp: 5086
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.122 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion: 95 Resp: 1588
Ion Ratio Lower Upper
95 100
174 89.9 0.0 140.6
176 82.7 0.0 137.4

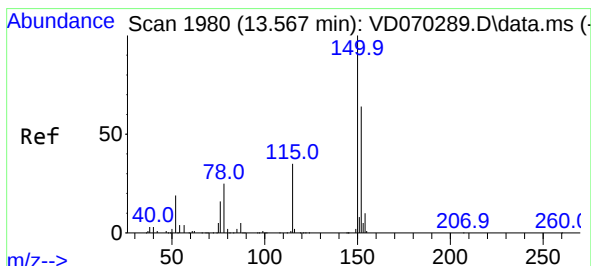
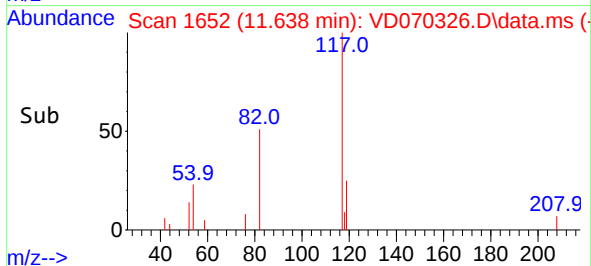
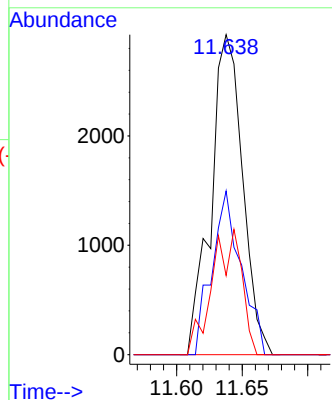
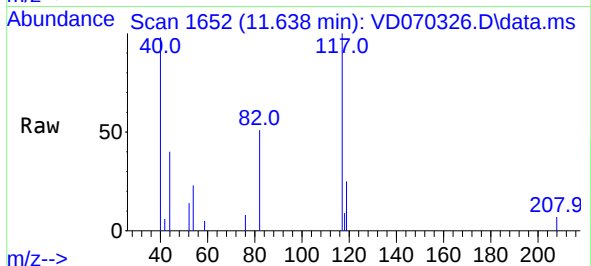




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Instrument :
MSVOA_D
ClientSampled :
CL-2-091021

Tgt Ion:	117	Resp:	4920
Ion	Ratio	Lower	Upper
117	100		
82	51.1	45.0	67.4
119	24.7	25.2	37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.012 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion:	152	Resp:	2023
Ion	Ratio	Lower	Upper
152	100		
115	42.2	32.1	96.3
150	123.5	0.0	350.6

