

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070327.D
 Acq On : 13 Sep 2021 15:29
 Operator : VA/SY
 Sample : M3718-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091021

Quant Time: Sep 14 00:53:51 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	8464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	17611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	18980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10749	98.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	197.820%#
35) Dibromofluoromethane	7.908	113	6461	51.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.080%
50) Toluene-d8	10.332	98	21199	46.577	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.626	95	7975	50.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.280%

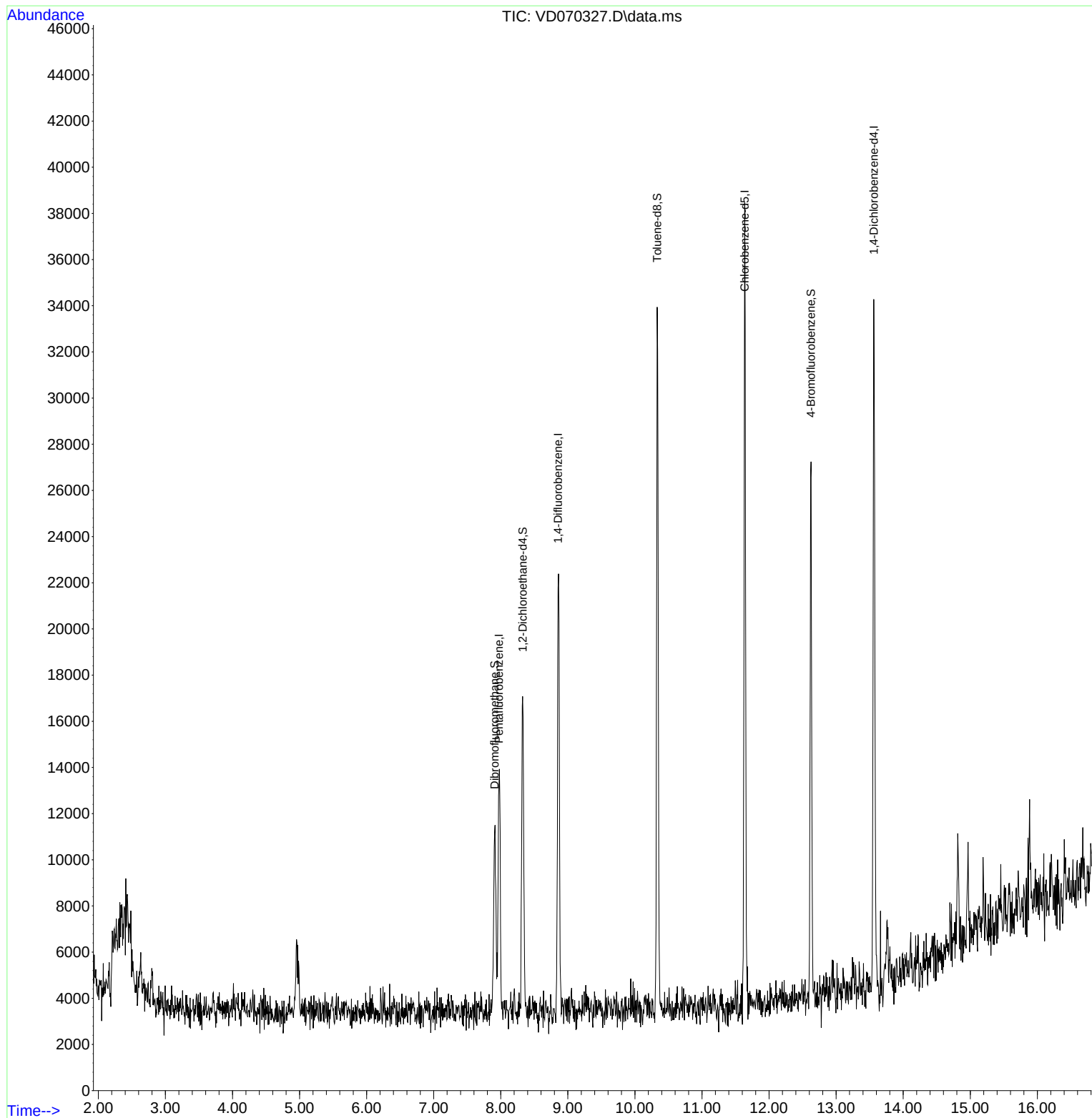
Target Compounds	Qvalue

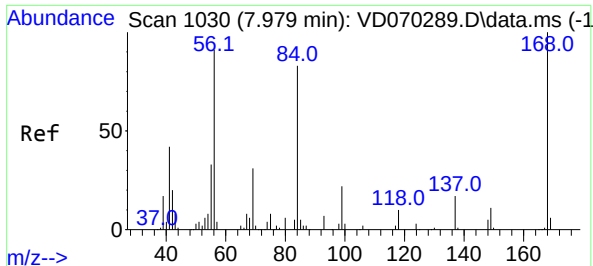
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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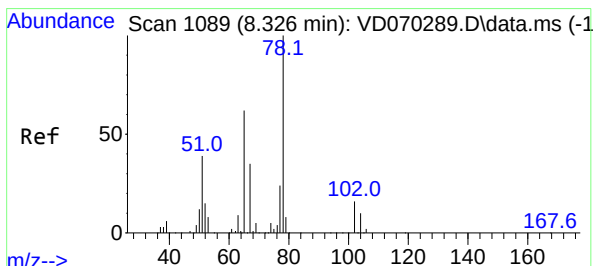
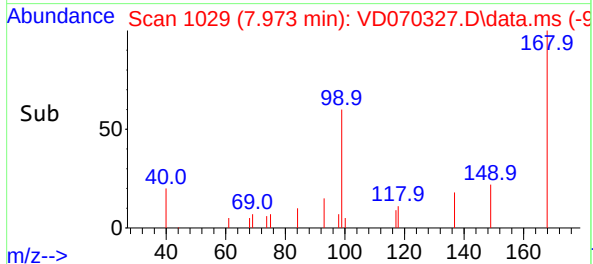
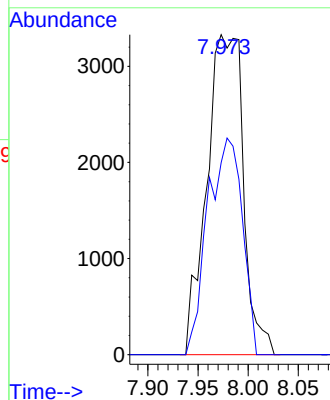
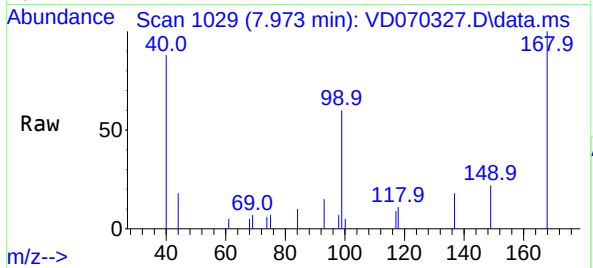




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

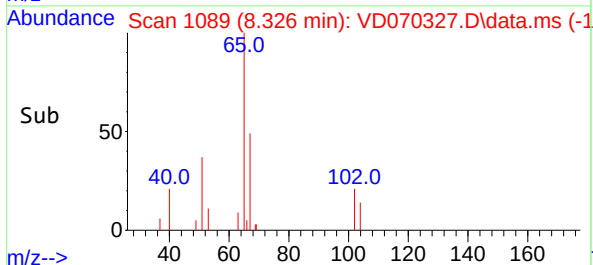
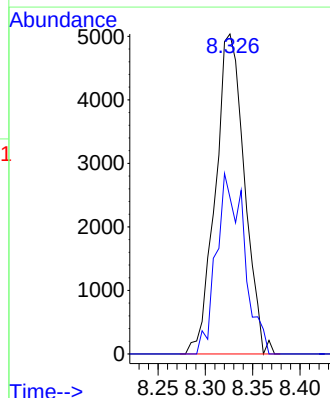
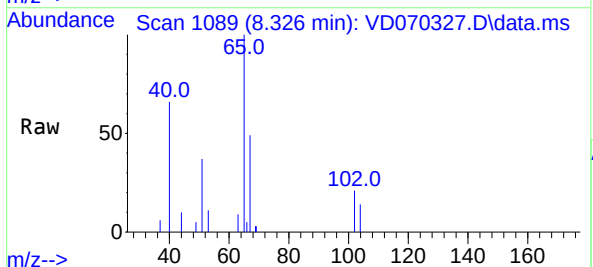
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021

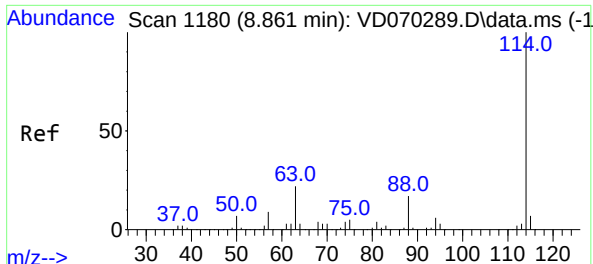
Tgt Ion:168 Resp: 8464
Ion Ratio Lower Upper
168 100
99 60.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 98.905 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion: 65 Resp: 10749
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.4



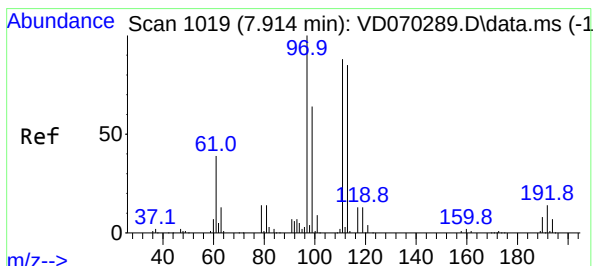
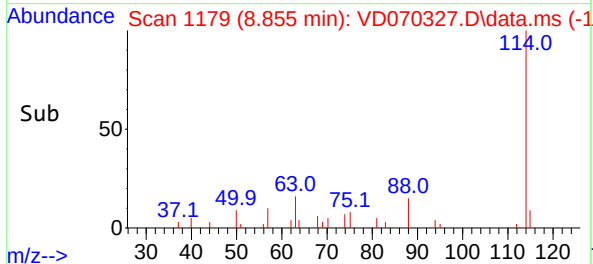
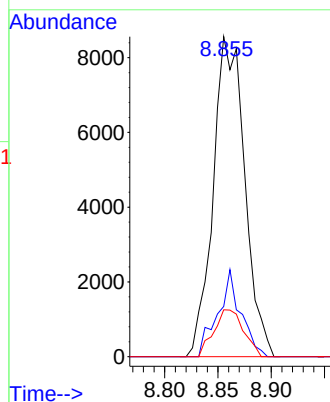
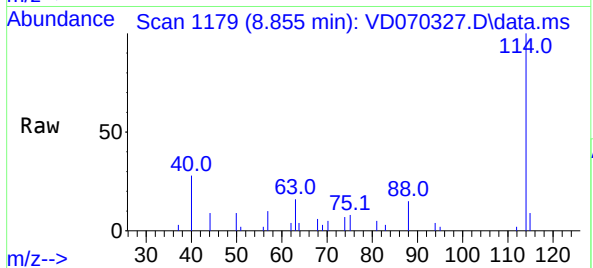


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Instrument :
MSVOA_D
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OR-03-091021

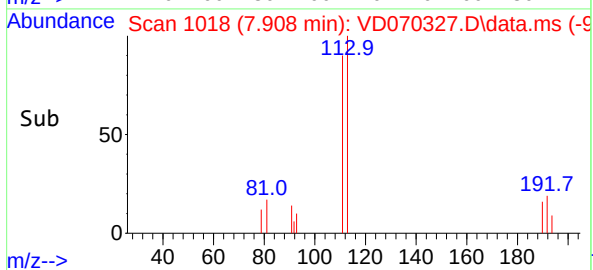
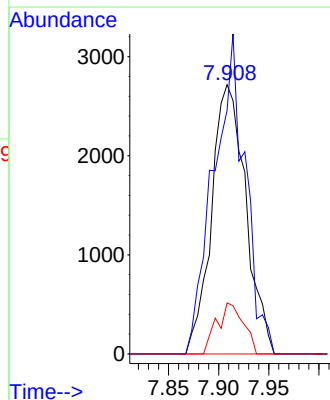
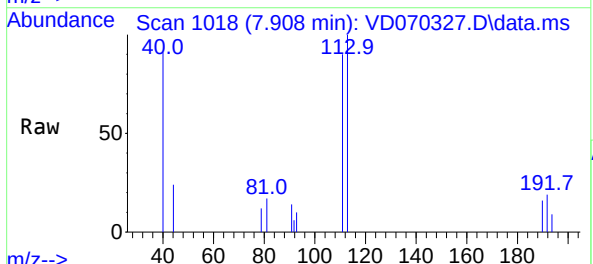
Tgt Ion:	114	Resp:	17611
Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	43.4
88	14.7	0.0	33.4

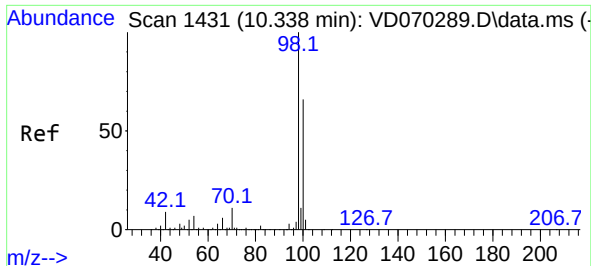


#35

Dibromofluoromethane
Concen: 51.541 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion:	113	Resp:	6461
Ion	Ratio	Lower	Upper
113	100		
111	109.4	81.4	122.2
192	14.7	13.0	19.6

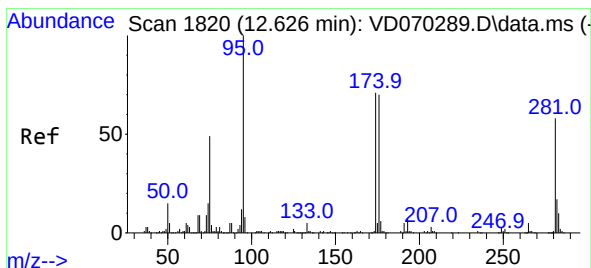
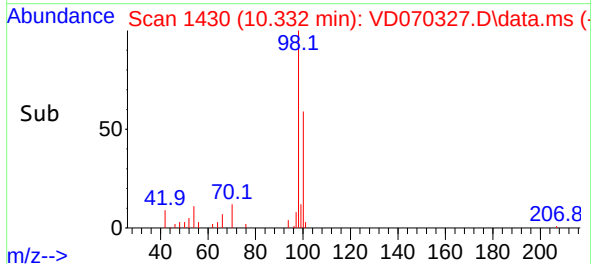
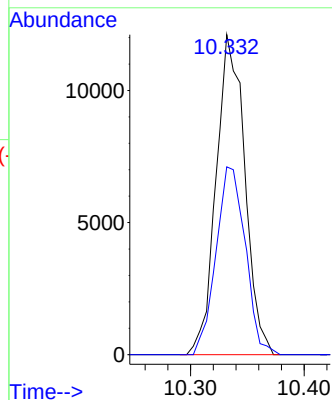
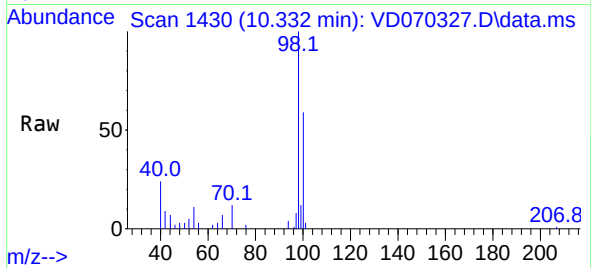




#50
Toluene-d8
Concen: 46.577 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

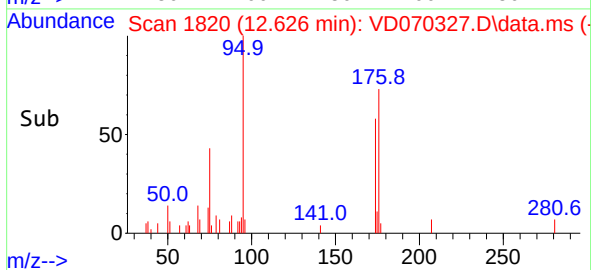
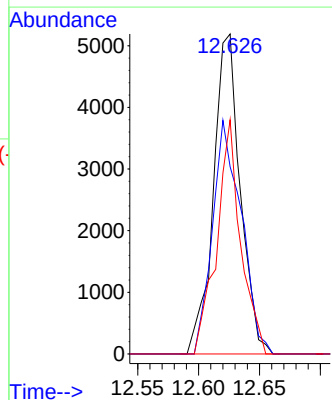
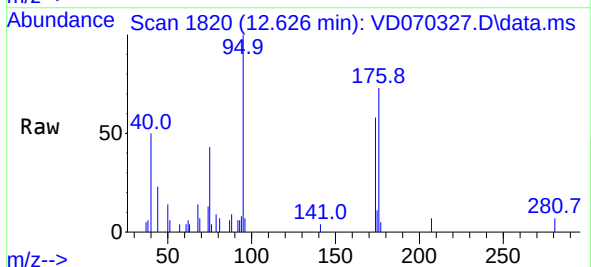
Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021

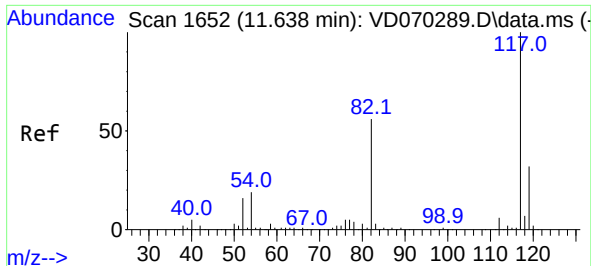
Tgt Ion: 98 Resp: 21199
Ion Ratio Lower Upper
98 100
100 60.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.136 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion: 95 Resp: 7975
Ion Ratio Lower Upper
95 100
174 78.2 0.0 140.6
176 65.0 0.0 137.4

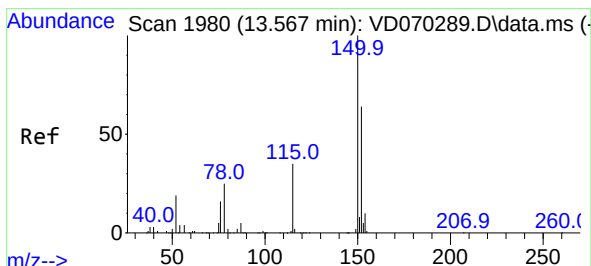
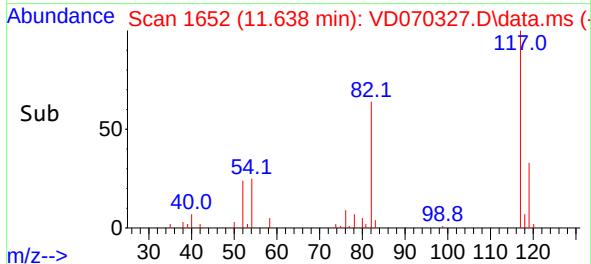
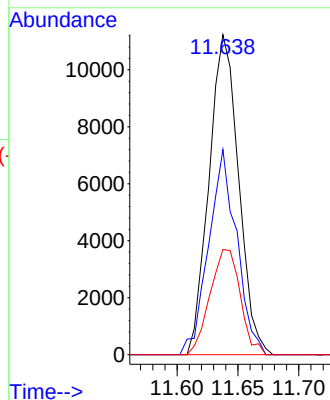
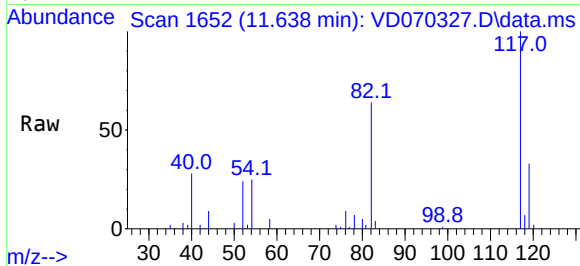




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :
OR-03-091021

Tgt Ion:	117	Resp:	18980
Ion	Ratio	Lower	Upper
117	100		
82	64.1	45.0	67.4
119	32.9	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070327.D
Acq: 13 Sep 2021 15:29

Tgt Ion:	152	Resp:	8307
Ion	Ratio	Lower	Upper
152	100		
115	60.9	32.1	96.3
150	163.3	0.0	350.6

