

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070329.D
 Acq On : 13 Sep 2021 16:27
 Operator : VA/SY
 Sample : M3707-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091021

Quant Time: Sep 14 00:54:32 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	7.979	168	13945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	29786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	47055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	22288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	16865	94.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	188.380%#
35) Dibromofluoromethane	7.914	113	9810	46.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.540%
50) Toluene-d8	10.338	98	45274	58.813	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.620%
62) 4-Bromofluorobenzene	12.626	95	23738	88.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	176.460%#

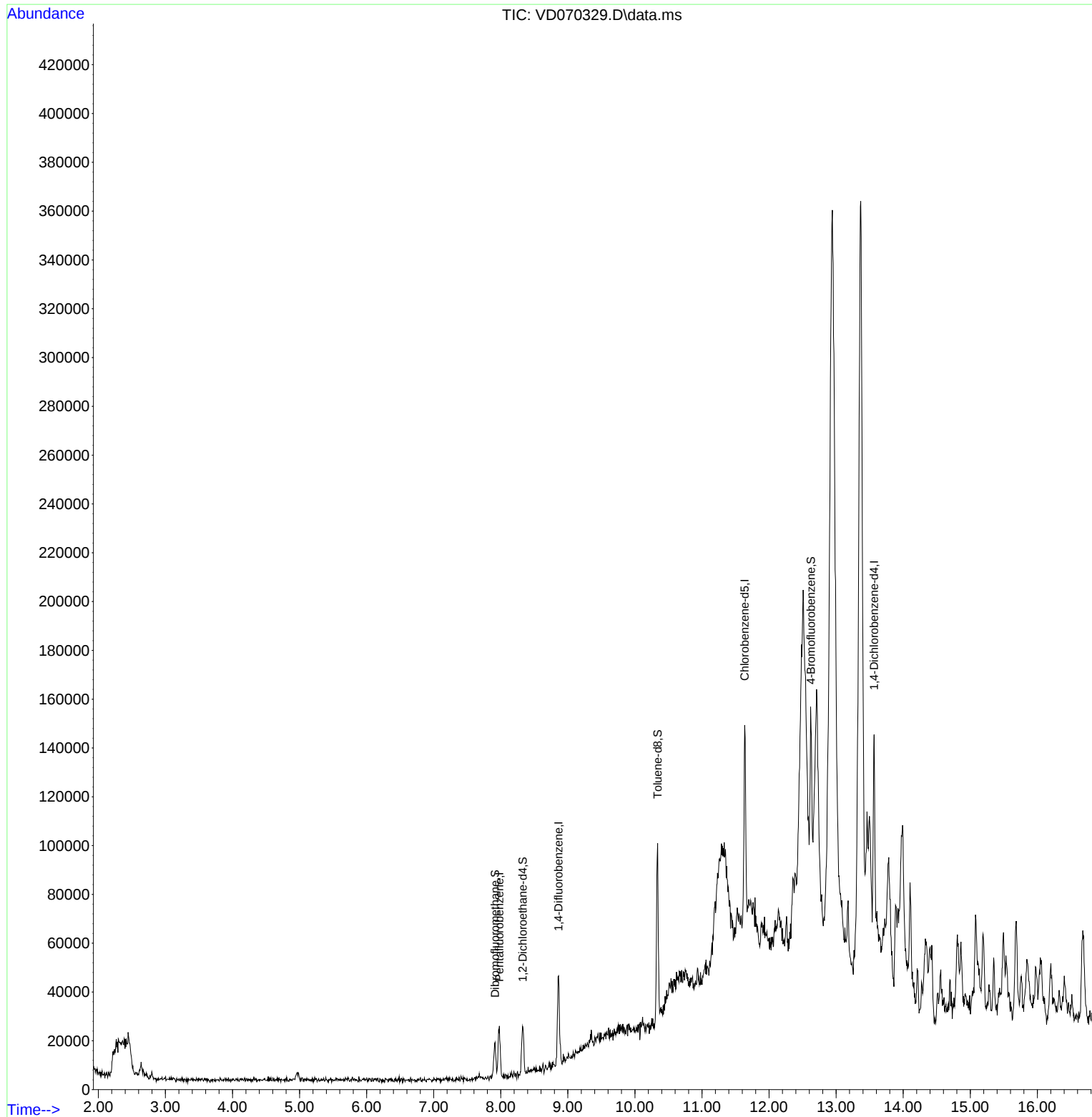
Target Compounds	Qvalue

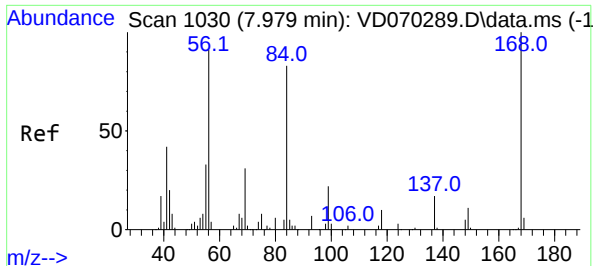
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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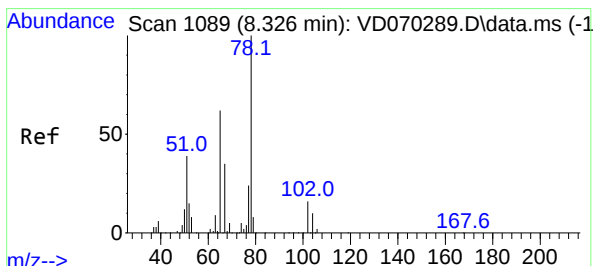
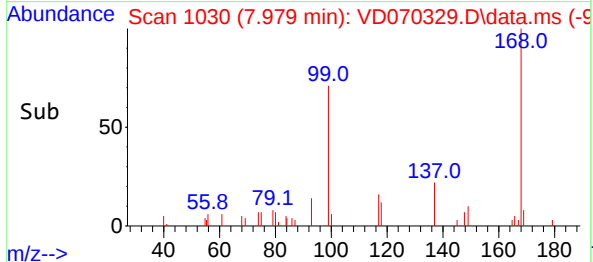
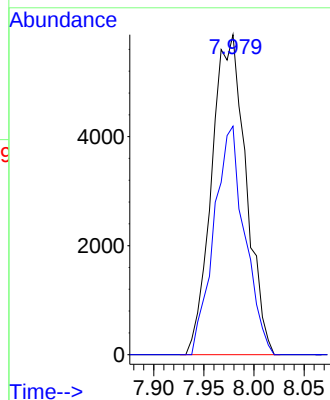
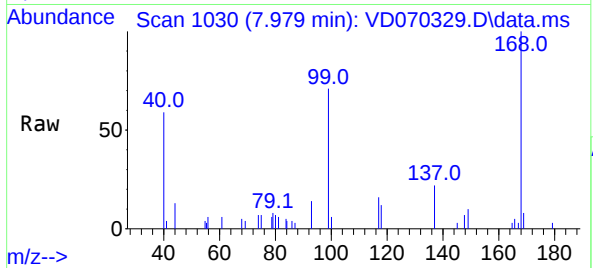




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

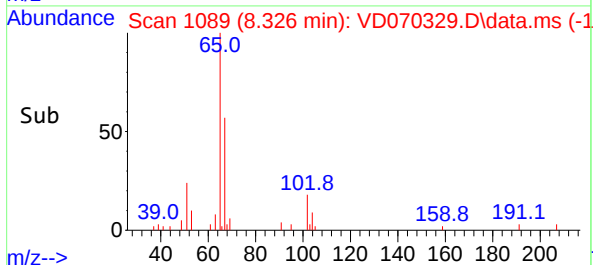
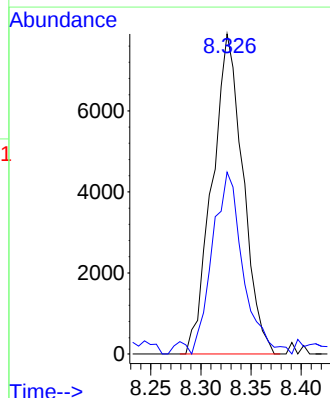
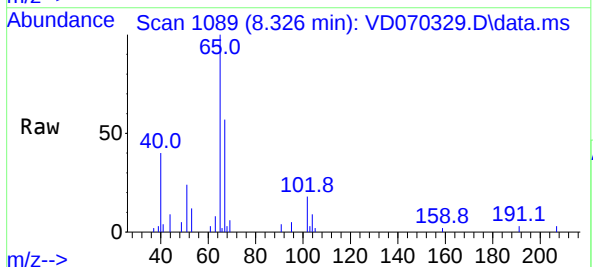
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

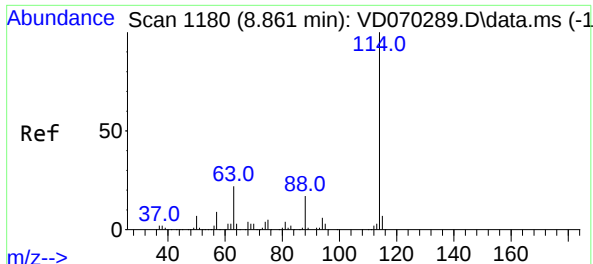
Tgt Ion:168 Resp: 13945
Ion Ratio Lower Upper
168 100
99 71.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 94.188 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 65 Resp: 16865
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.4

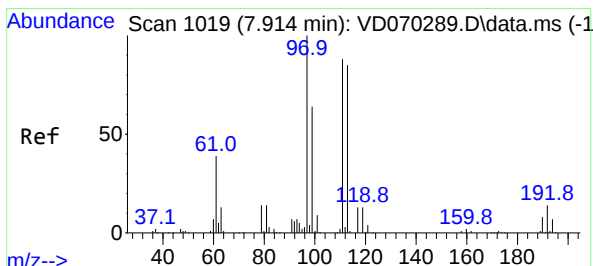
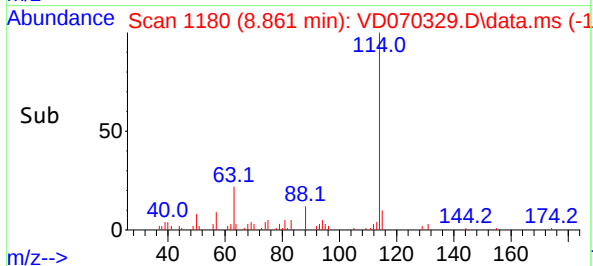
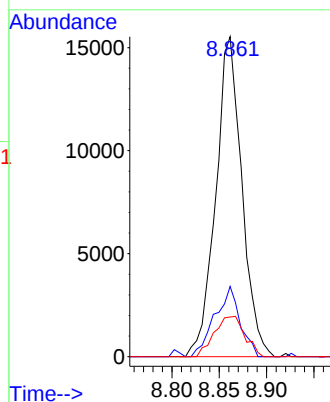
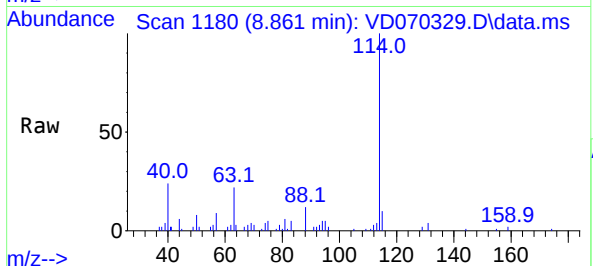




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

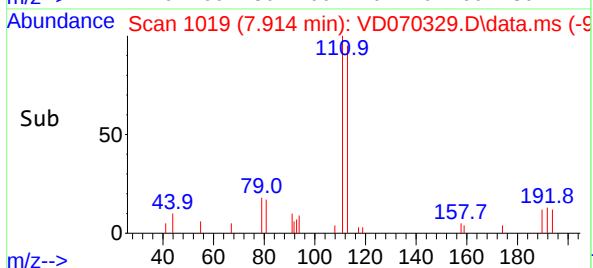
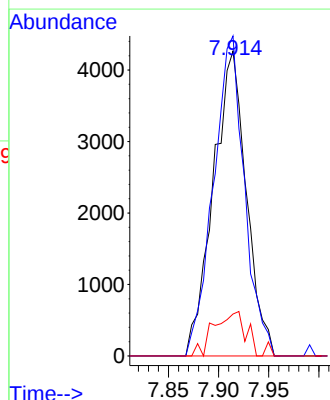
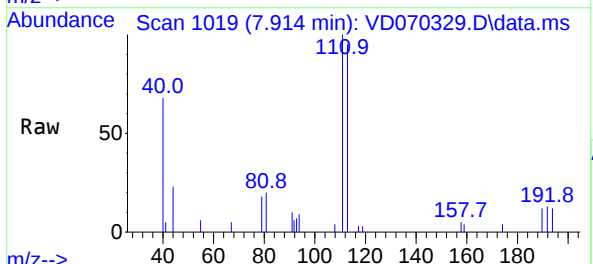
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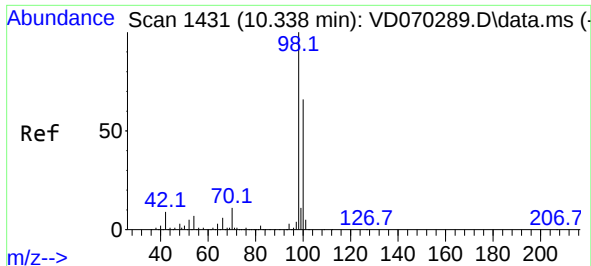
Tgt Ion:	114	Resp:	29786
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.4
88	12.4	0.0	33.4



#35
Dibromofluoromethane
Concen: 46.269 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion:	113	Resp:	9810
Ion	Ratio	Lower	Upper
113	100		
111	98.2	81.4	122.2
192	14.0	13.0	19.6

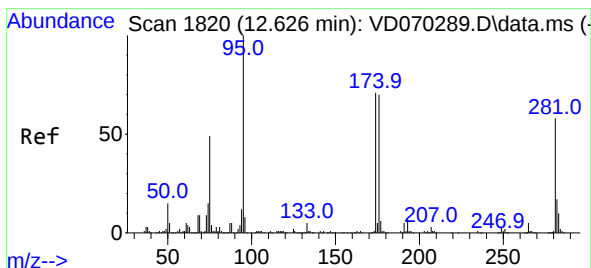
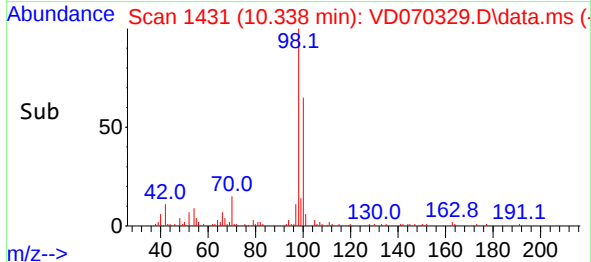
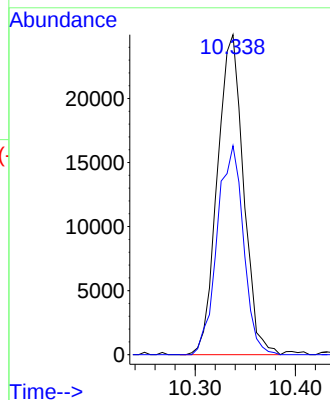
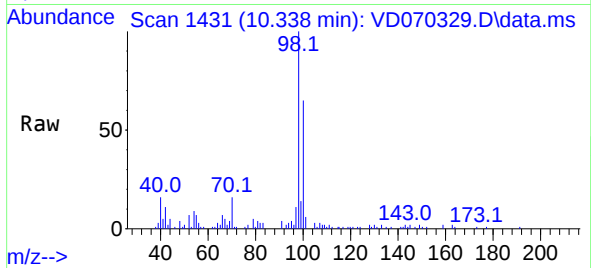




#50
Toluene-d8
Concen: 58.813 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

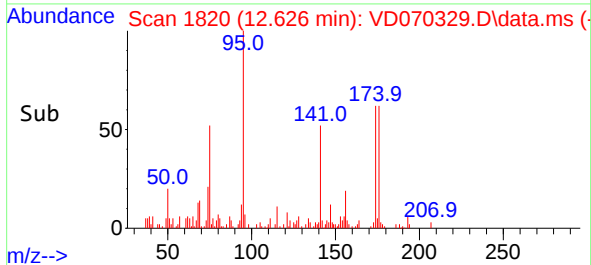
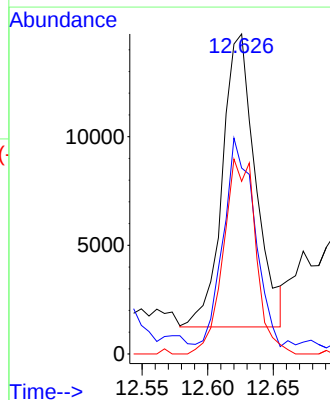
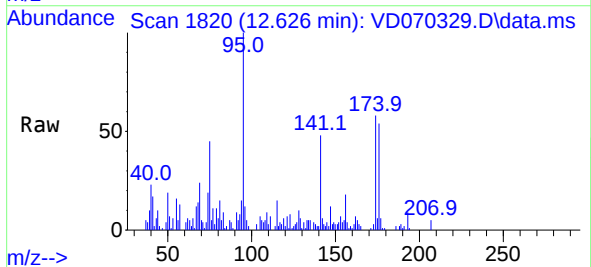
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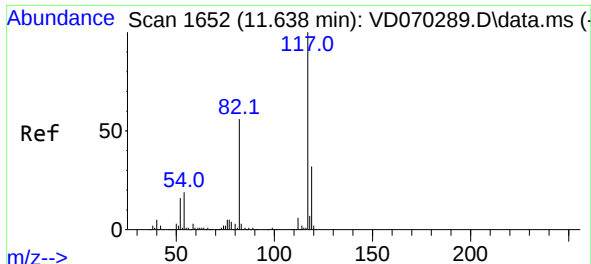
Tgt Ion: 98 Resp: 45274
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 88.234 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 95 Resp: 23738
Ion Ratio Lower Upper
95 100
174 65.5 0.0 140.6
176 64.8 0.0 137.4

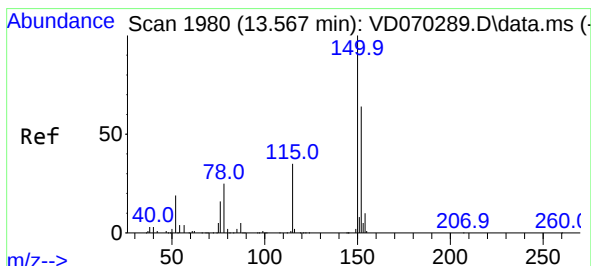
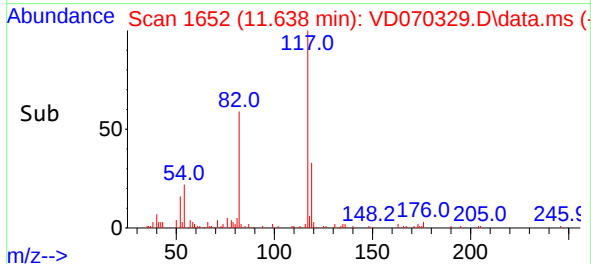
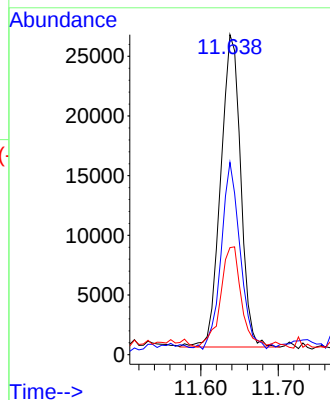
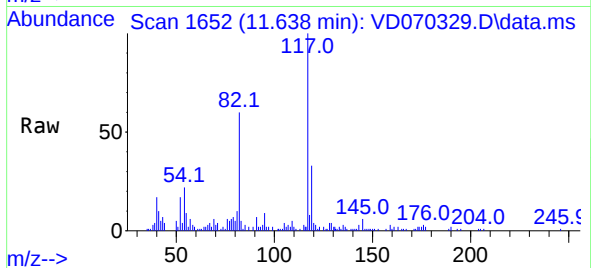




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	47055
Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.0	67.4
119	30.9	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: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion:	152	Resp:	22288
Ion	Ratio	Lower	Upper
152	100		
115	70.0	32.1	96.3
150	160.7	0.0	350.6

