

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070355.D
 Acq On : 14 Sep 2021 16:07
 Operator : VA/SY
 Sample : M3720-01
 Misc : 5.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WQ-SOILPILE

Quant Time: Sep 15 02:46:43 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	110913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	200978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	269516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	125537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	90506	63.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.100%
35) Dibromofluoromethane	7.914	113	87051	60.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.700%
50) Toluene-d8	10.338	98	269702	51.924	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.626	95	116493	64.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.340%

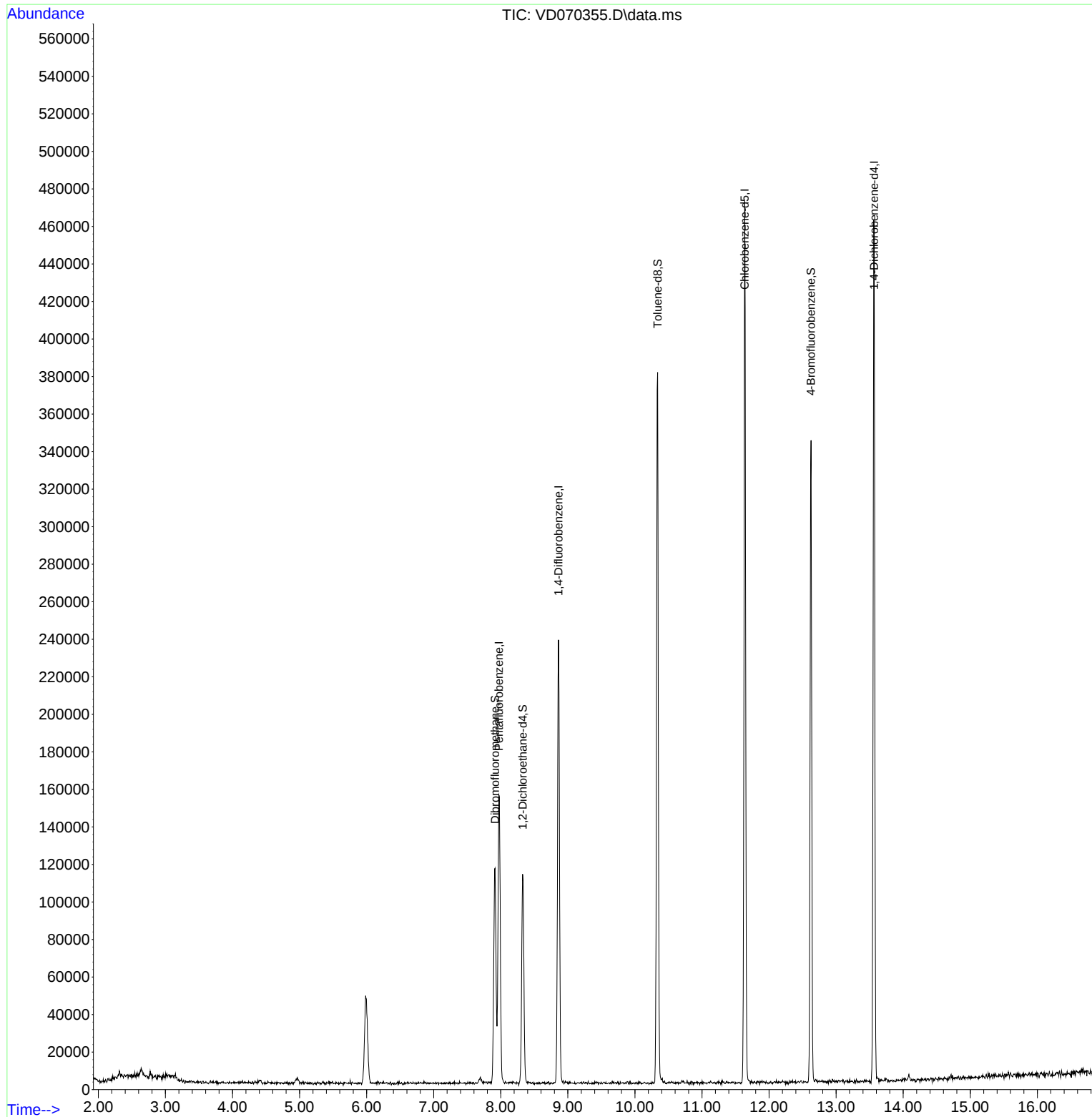
Target Compounds	Qvalue

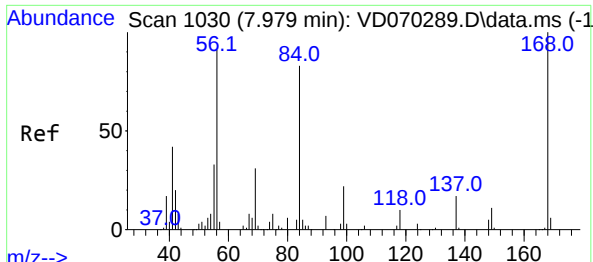
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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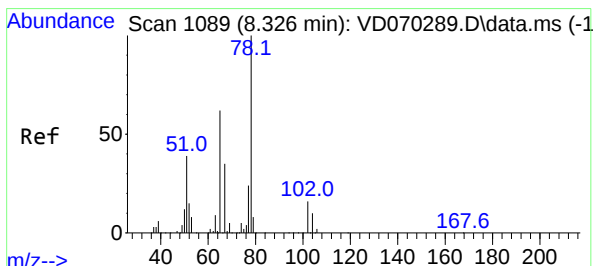
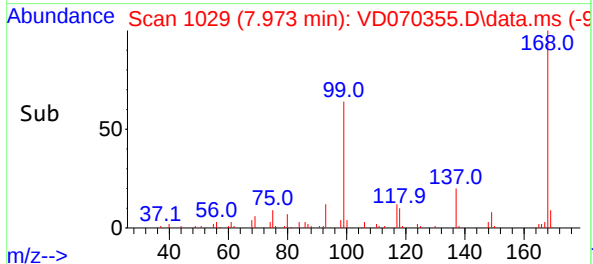
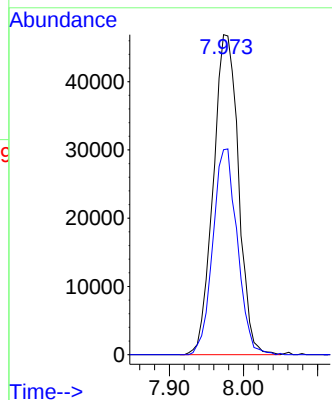
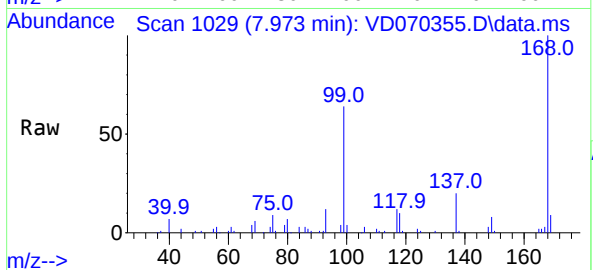




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070355.D
Acq: 14 Sep 2021 16:07

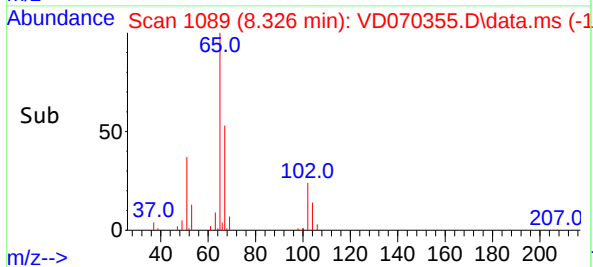
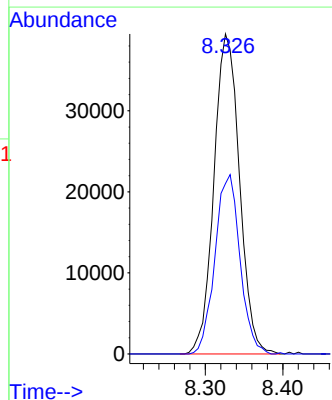
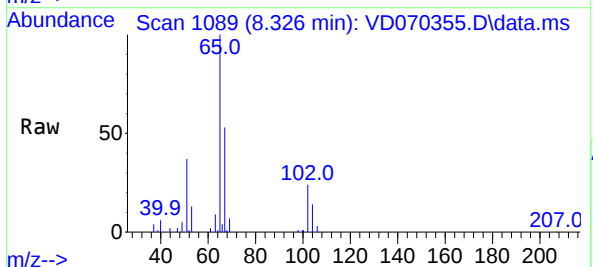
Instrument :
MSVOA_D
ClientSampleId :
WQ-SOILPILE

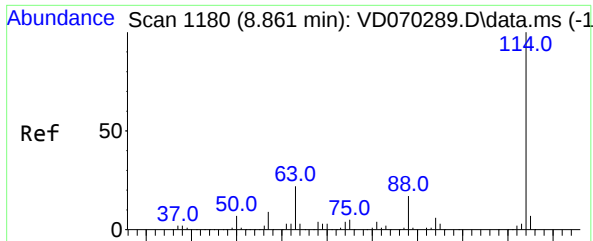
Tgt Ion:168 Resp: 110913
Ion Ratio Lower Upper
168 100
99 64.1 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 63.551 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070355.D
Acq: 14 Sep 2021 16:07

Tgt Ion: 65 Resp: 90506
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.4

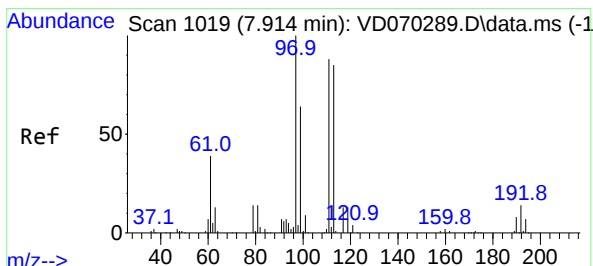
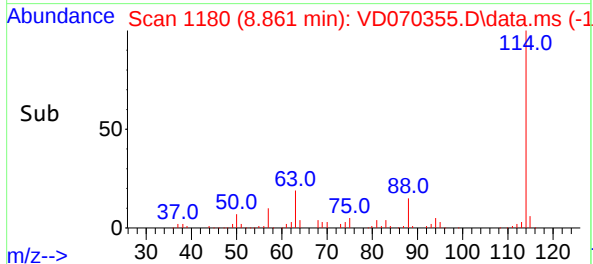
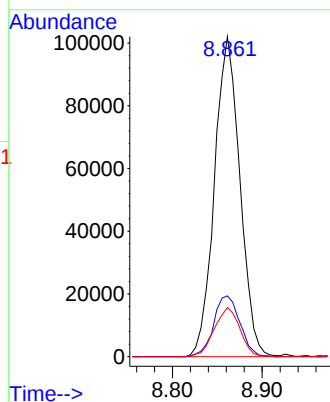
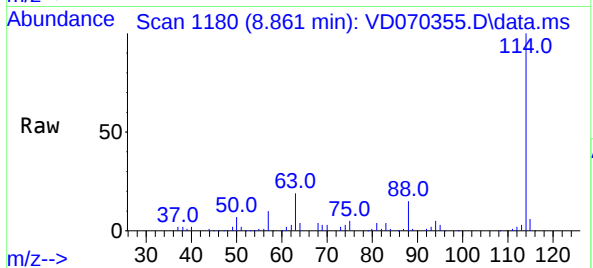




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070355.D
Acq: 14 Sep 2021 16:07

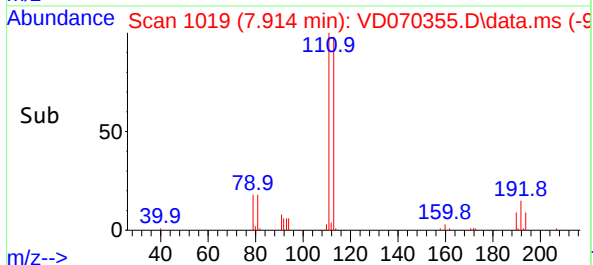
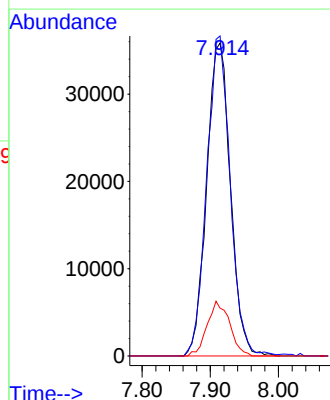
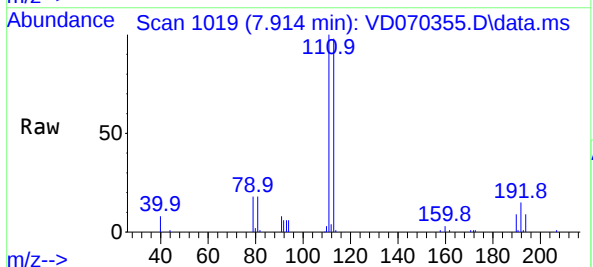
Instrument :
MSVOA_D
ClientSampleId :
WQ-SOILPILE

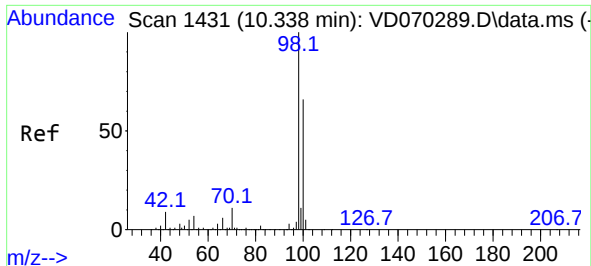
Tgt Ion:114 Resp: 200978
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.4
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 60.850 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070355.D
Acq: 14 Sep 2021 16:07

Tgt Ion:113 Resp: 87051
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.2
192 16.6 13.0 19.6

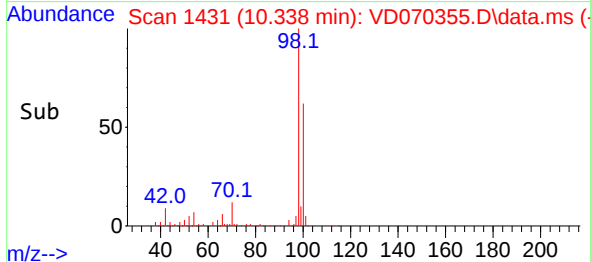
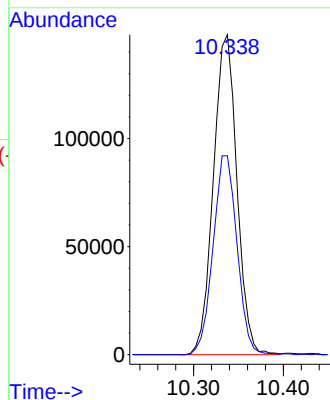
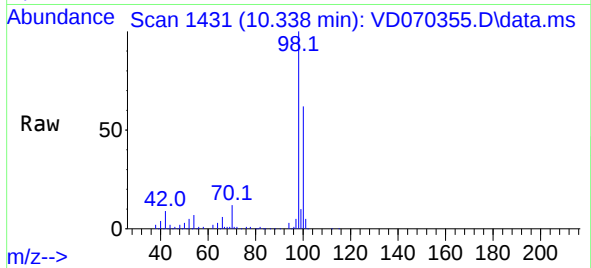




#50
Toluene-d8
Concen: 51.924 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070355.D
Acq: 14 Sep 2021 16:07

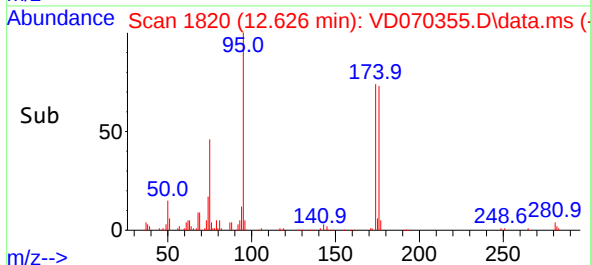
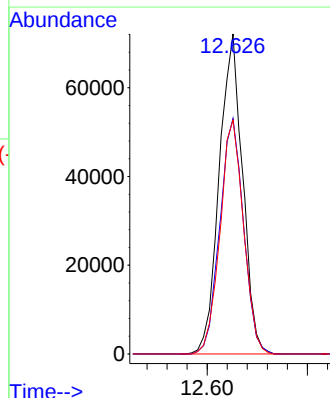
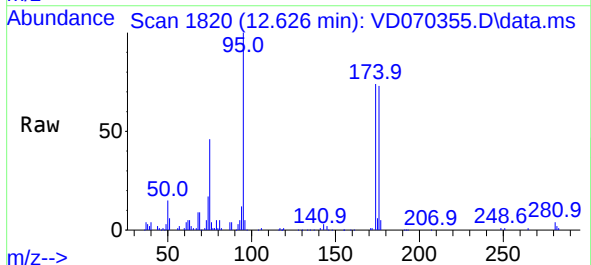
Instrument :
MSVOA_D
ClientSampleId :
WQ-SOILPILE

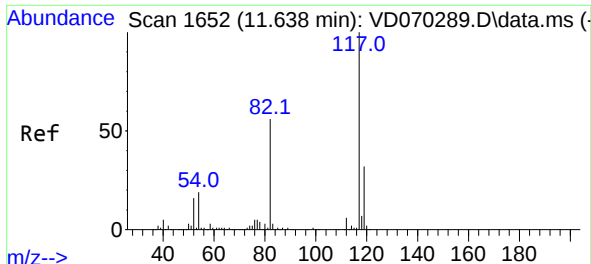
Tgt Ion: 98 Resp: 269702
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 64.174 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070355.D
Acq: 14 Sep 2021 16:07

Tgt Ion: 95 Resp: 116493
Ion Ratio Lower Upper
95 100
174 74.7 0.0 140.6
176 73.3 0.0 137.4

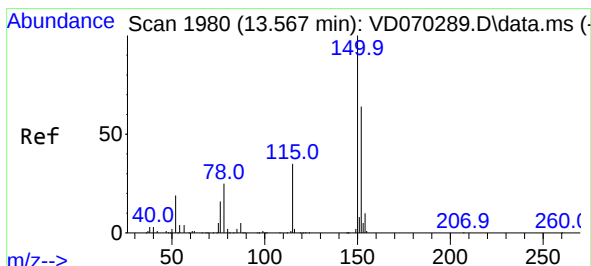
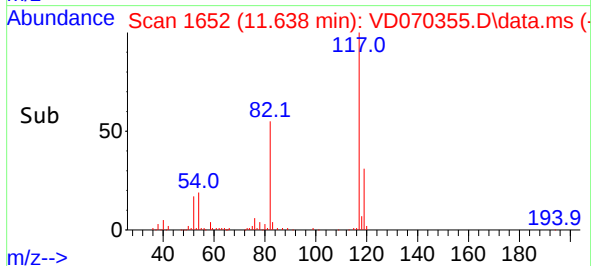
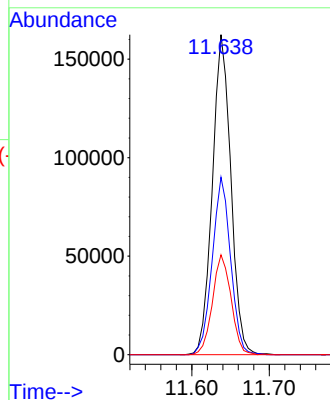
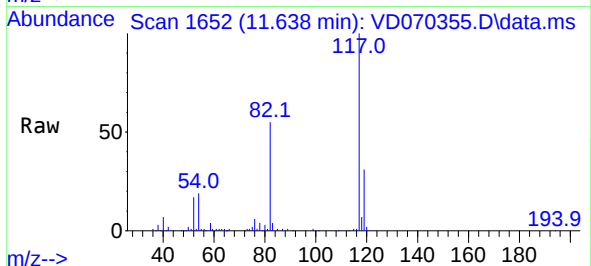




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070355.D
Acq: 14 Sep 2021 16:07

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	269516
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	31.2	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: VD070355.D
Acq: 14 Sep 2021 16:07

Tgt Ion:	152	Resp:	125537
Ion	Ratio	Lower	Upper
152	100		
115	61.0	32.1	96.3
150	158.0	0.0	350.6

