

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071042.D
 Acq On : 16 Nov 2021 14:05
 Operator : VA/SY
 Sample : M4700-03
 Misc : 5.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IMPOUND-LOT-SP-JC-11-15-21

Quant Time: Nov 17 03:23:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	43815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	81234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	87586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	40624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	38832	83.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.480%#
35) Dibromofluoromethane	7.909	113	28502	62.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.360%
50) Toluene-d8	10.338	98	103165	57.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.940%
62) 4-Bromofluorobenzene	12.626	95	43828	67.807	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.620%

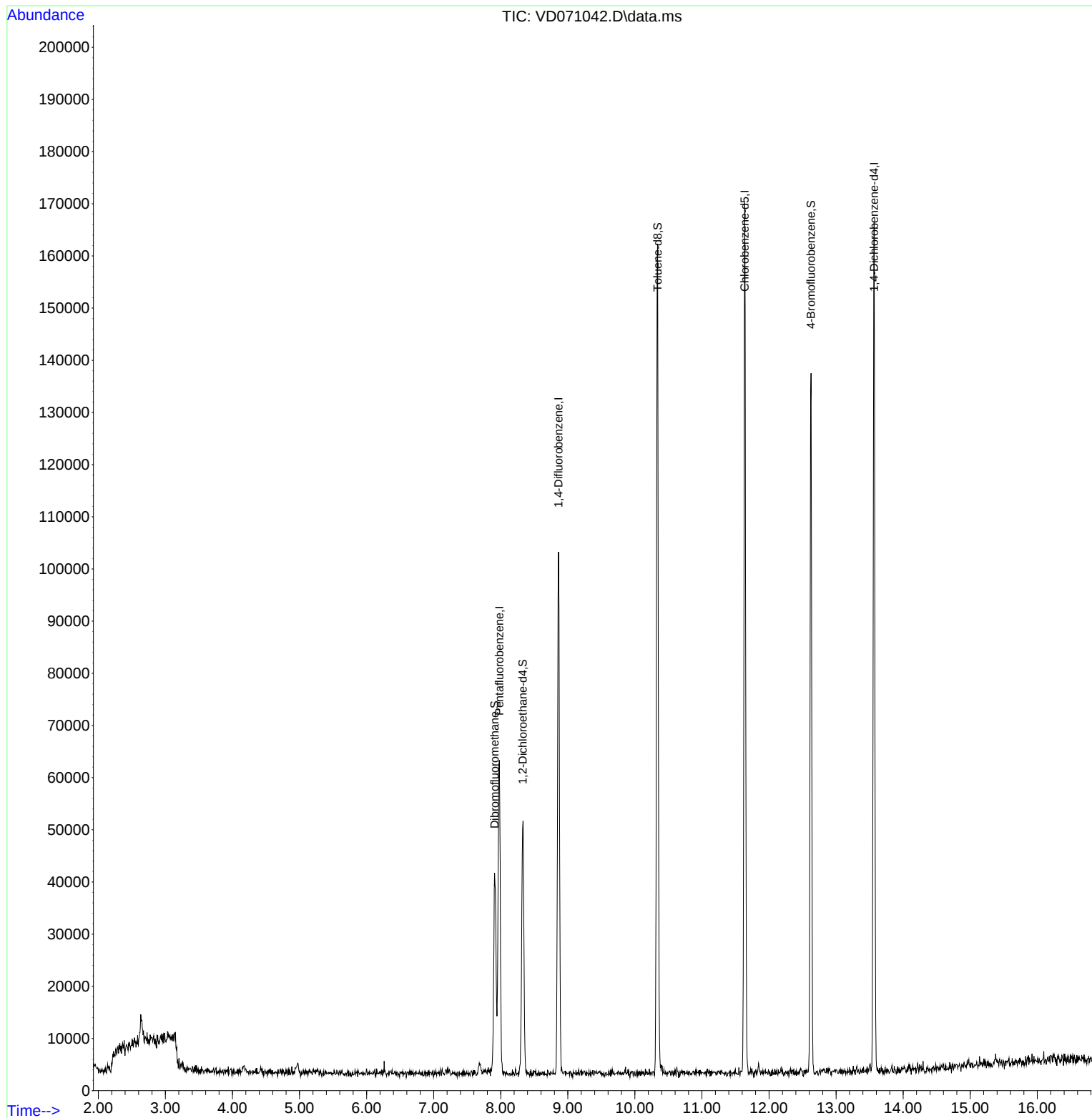
Target Compounds	Qvalue

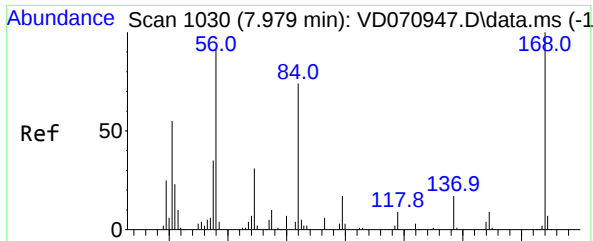
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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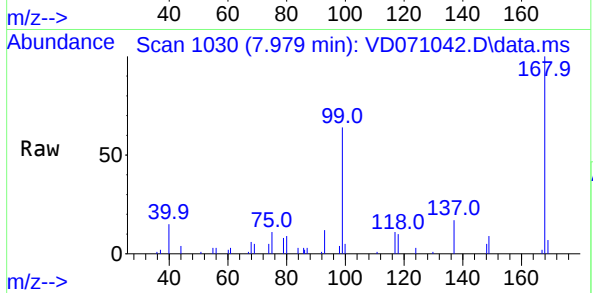
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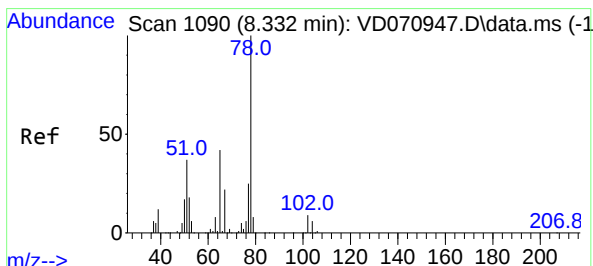
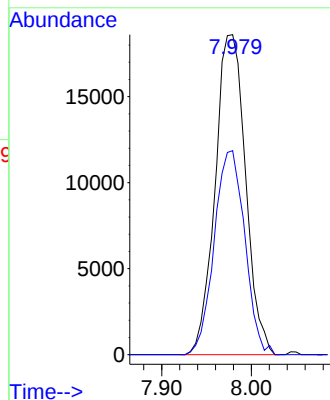
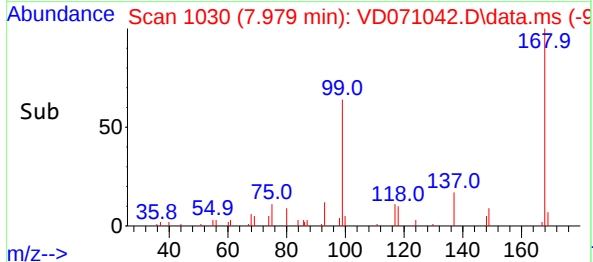


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

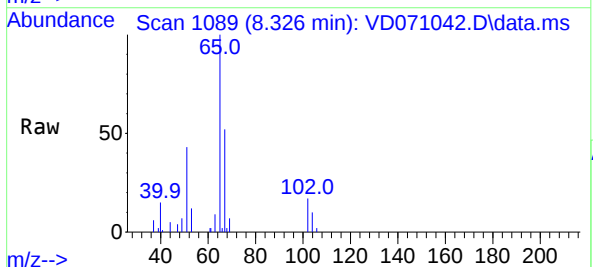
Instrument :
MSVOA_D
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21



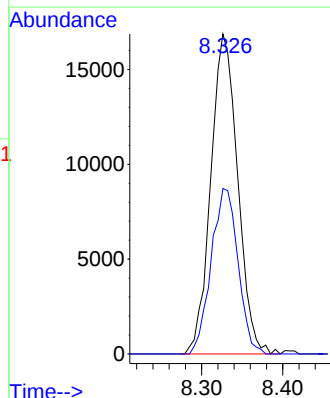
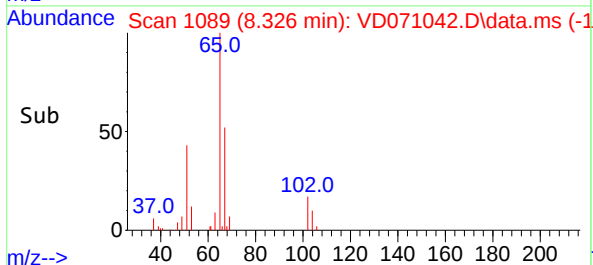
Tgt Ion:168 Resp: 43815
Ion Ratio Lower Upper
168 100
99 63.7 46.6 69.8

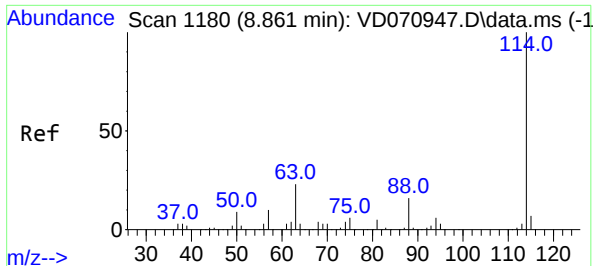


#33
1,2-Dichloroethane-d4
Concen: 83.241 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05



Tgt Ion: 65 Resp: 38832
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2

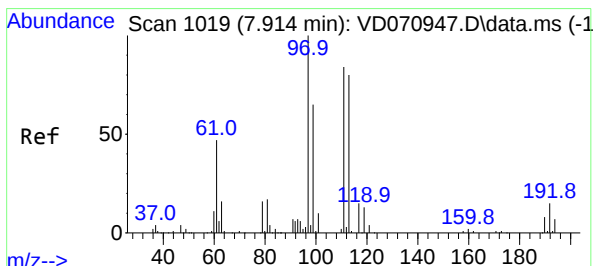
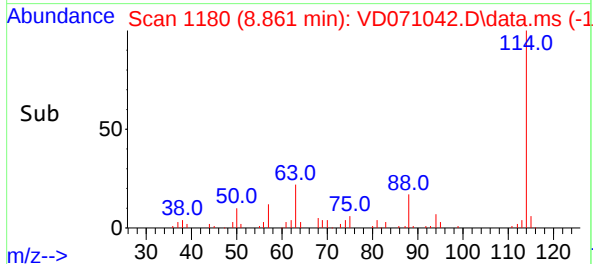
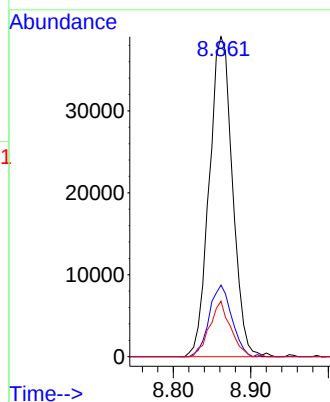
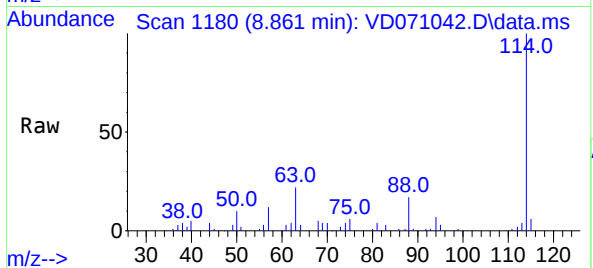




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

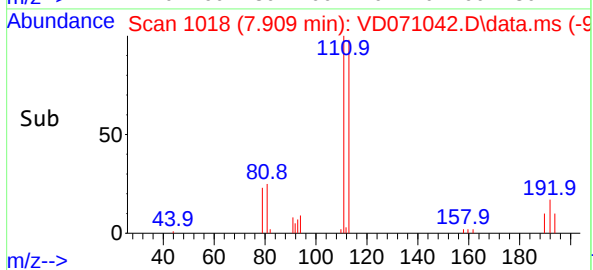
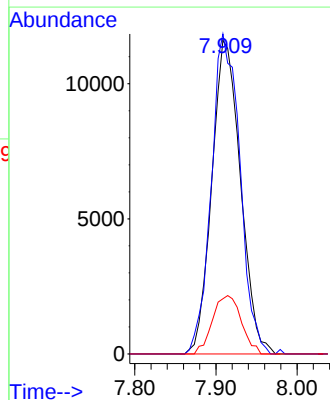
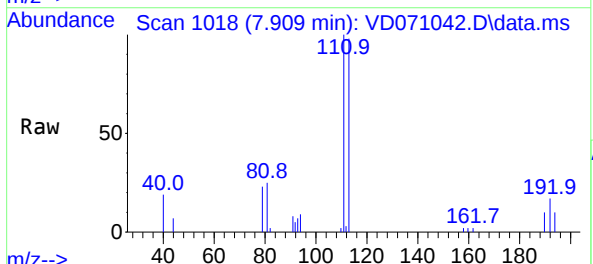
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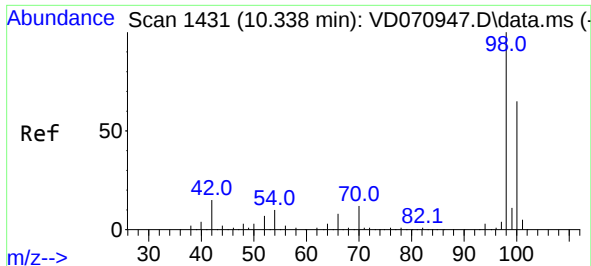
Tgt Ion:	114	Resp:	81234
Ion Ratio	Lower	Upper	
114	100		
63	22.4	0.0	41.8
88	17.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 62.179 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Tgt Ion:	113	Resp:	28502
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.0	123.0
192	18.7	15.2	22.8

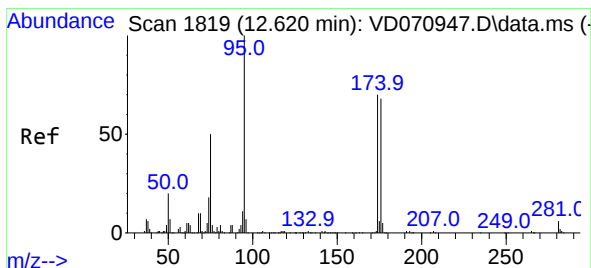
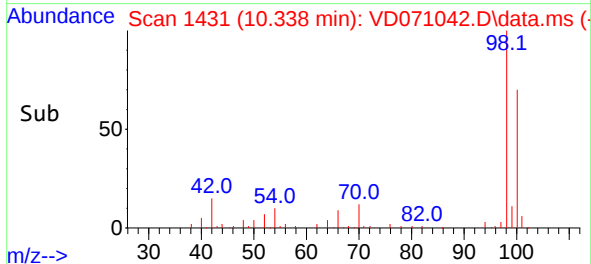
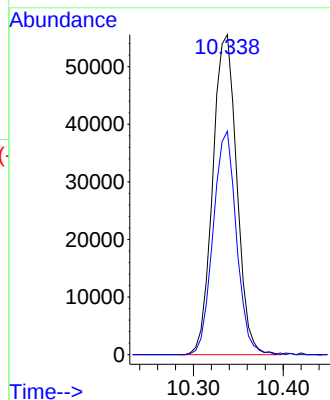
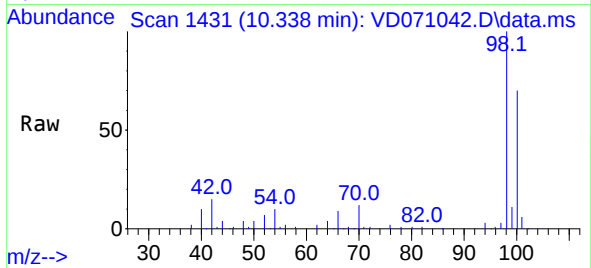




#50
Toluene-d8
Concen: 57.469 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

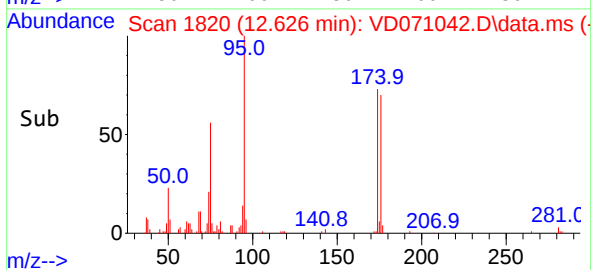
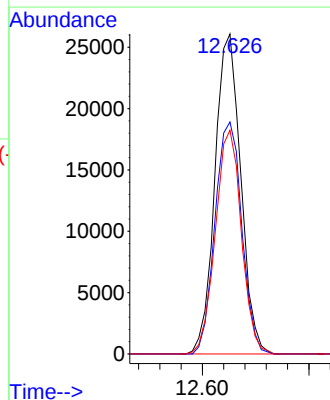
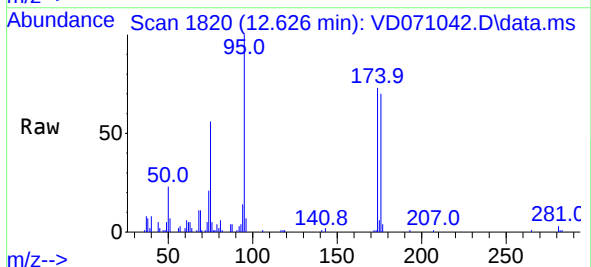
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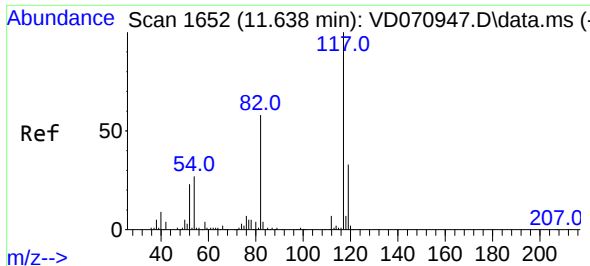
Tgt Ion: 98 Resp: 103165
Ion Ratio Lower Upper
98 100
100 68.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.807 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Tgt Ion: 95 Resp: 43828
Ion Ratio Lower Upper
95 100
174 75.1 0.0 159.4
176 70.4 0.0 154.0

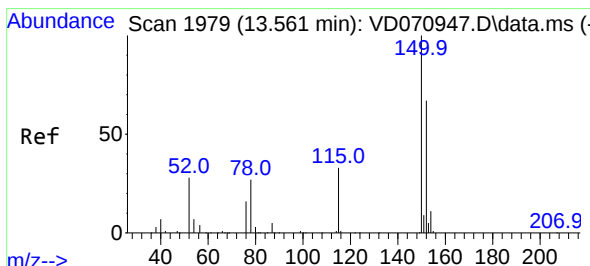
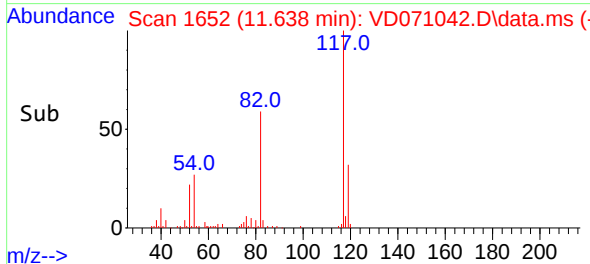
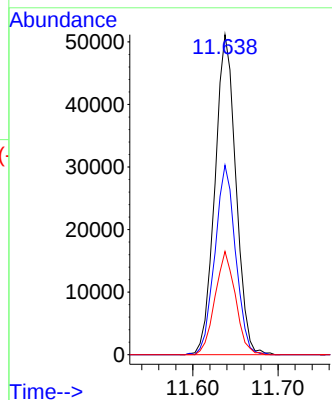
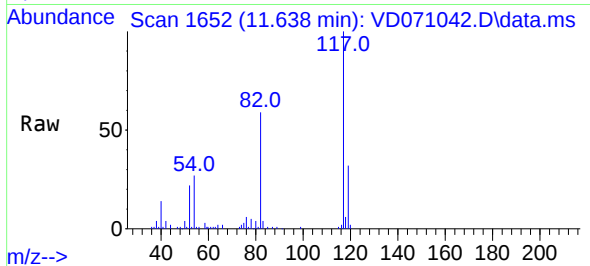




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

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Tgt Ion:	117	Resp:	87586
Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.7	67.1
119	32.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Tgt Ion:	152	Resp:	40624
Ion	Ratio	Lower	Upper
152	100		
115	63.1	29.8	89.3
150	155.1	0.0	349.2

