

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070497.D
 Acq On : 28 Sep 2021 12:41
 Operator : VA/SY
 Sample : M3946-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-092421RE

Quant Time: Sep 28 23:41:32 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	7115	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	14957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15870	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	6950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	6682	73.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.280%	
35) Dibromofluoromethane	7.920	113	5061	47.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.080%	
50) Toluene-d8	10.332	98	16907	43.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.480%	
62) 4-Bromofluorobenzene	12.626	95	6304	46.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.320%	

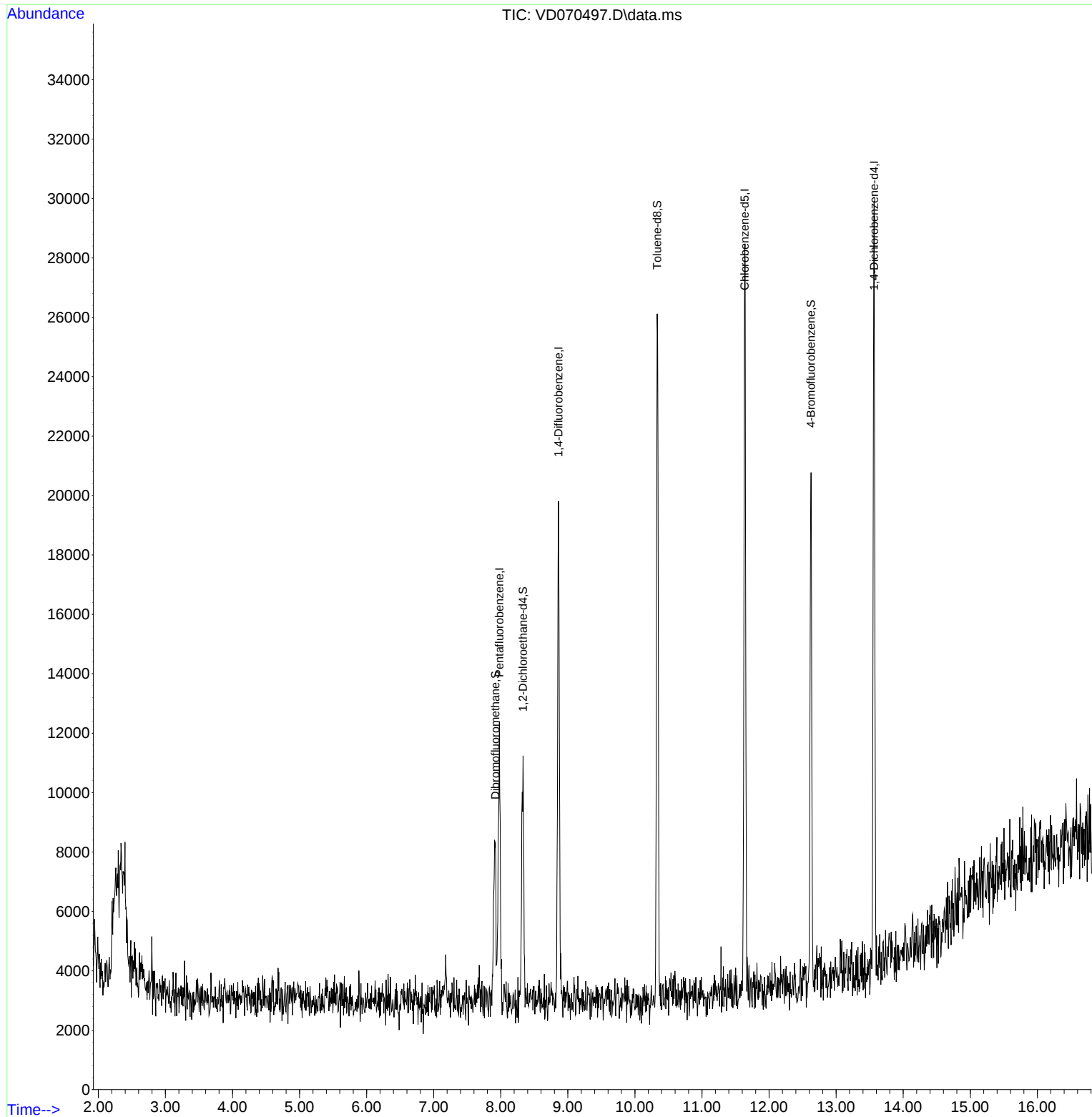
Target Compounds	Qvalue

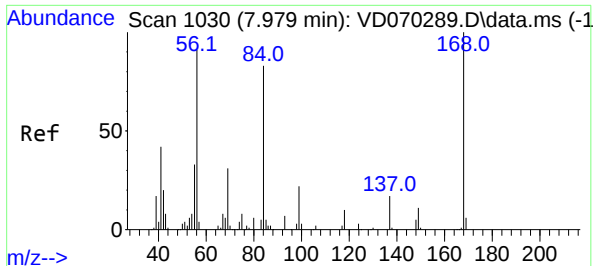
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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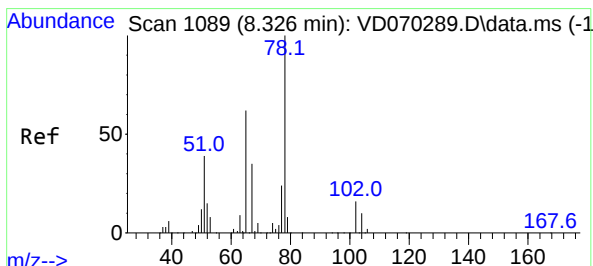
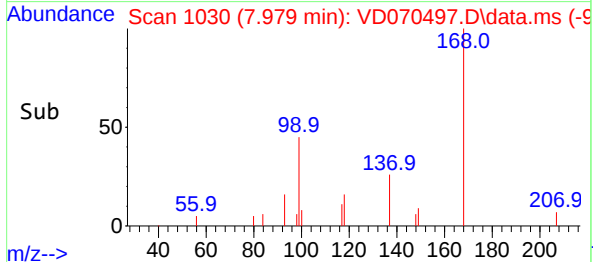
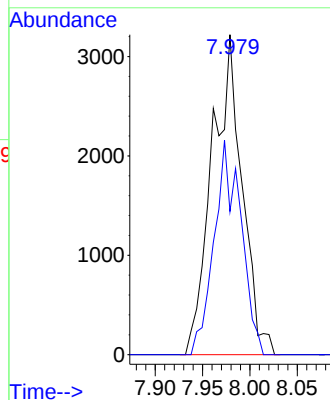
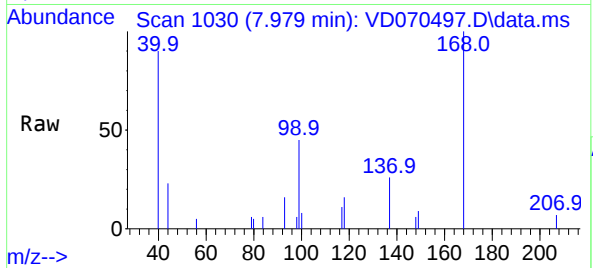




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070497.D
Acq: 28 Sep 2021 12:41

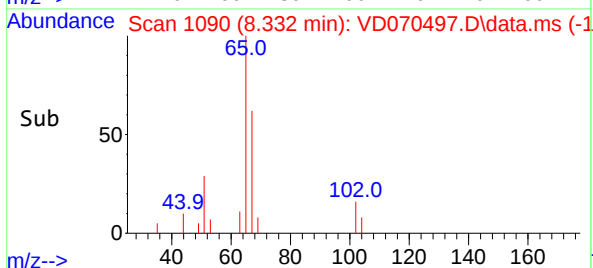
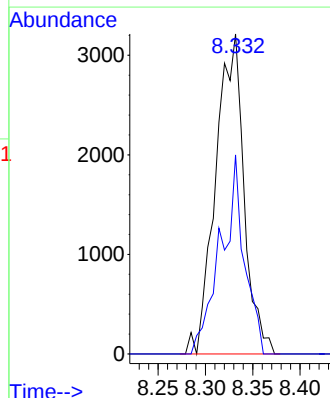
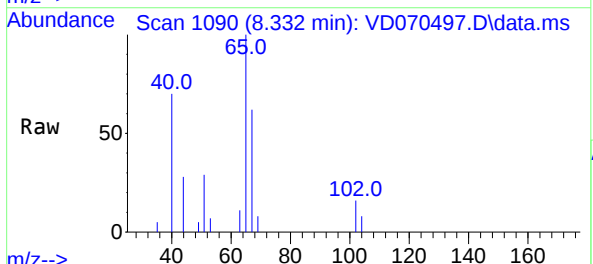
Instrument :
MSVOA_D
ClientSampleId :
PL-05-092421RE

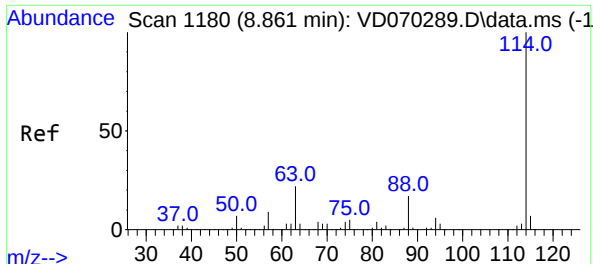
Tgt Ion:168 Resp: 7115
Ion Ratio Lower Upper
168 100
99 44.7 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 73.141 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070497.D
Acq: 28 Sep 2021 12:41

Tgt Ion: 65 Resp: 6682
Ion Ratio Lower Upper
65 100
67 51.8 0.0 111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

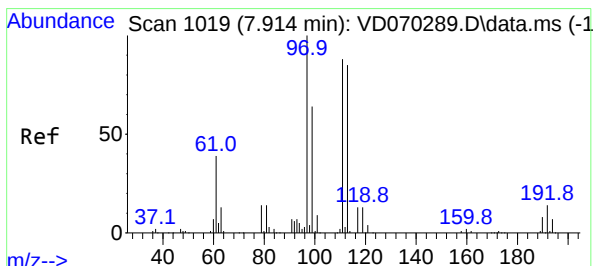
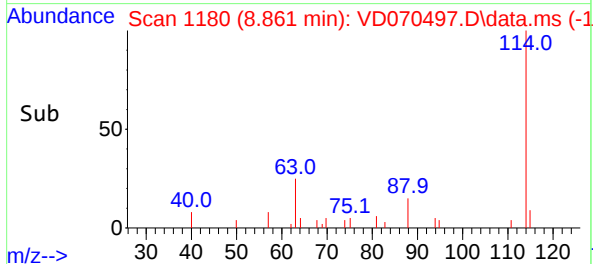
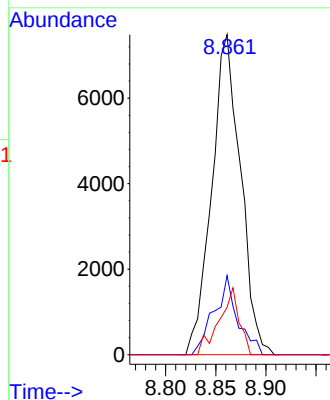
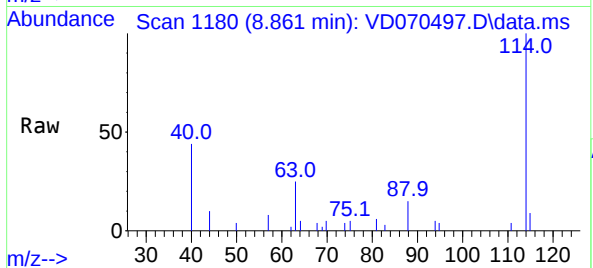
Delta R.T. -0.000 min

Lab File: VD070497.D

Acq: 28 Sep 2021 12:41

Tgt Ion:	114	Resp:	14957
Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	43.4
88	14.8	0.0	33.4

Instrument :
MSVOA_D
ClientSampleId :
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#35

Dibromofluoromethane

Concen: 47.536 ug/l

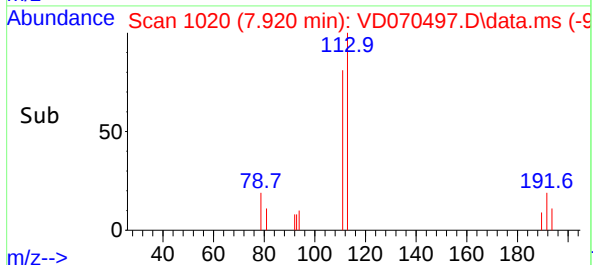
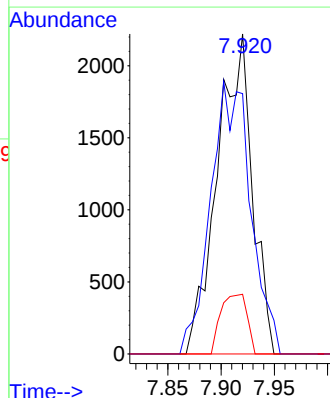
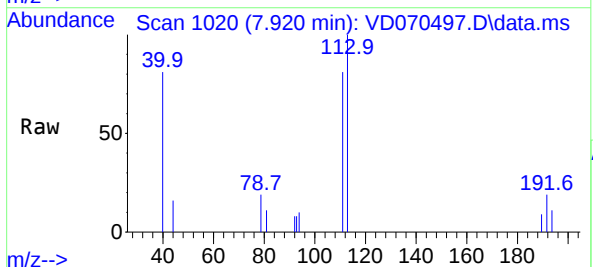
RT: 7.920 min Scan# 1020

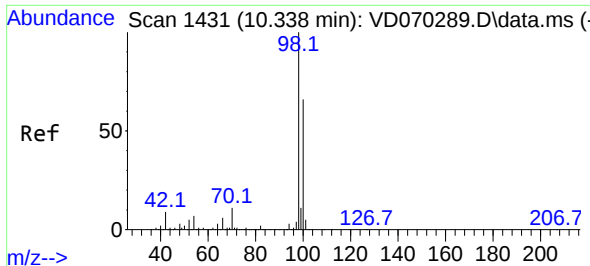
Delta R.T. 0.006 min

Lab File: VD070497.D

Acq: 28 Sep 2021 12:41

Tgt Ion:	113	Resp:	5061
Ion	Ratio	Lower	Upper
113	100		
111	97.7	81.4	122.2
192	14.0	13.0	19.6

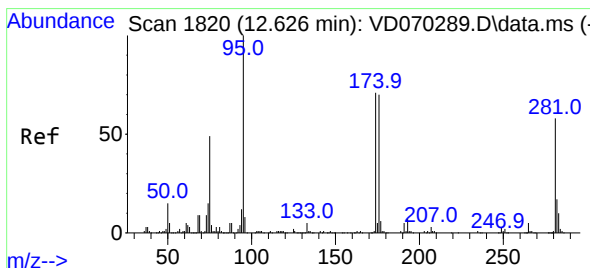
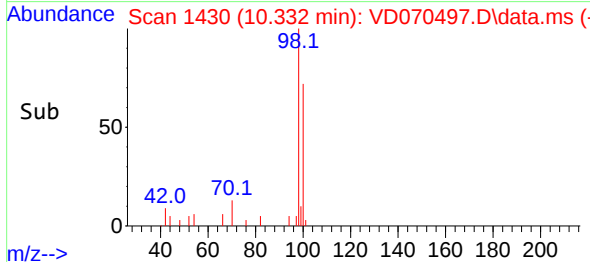
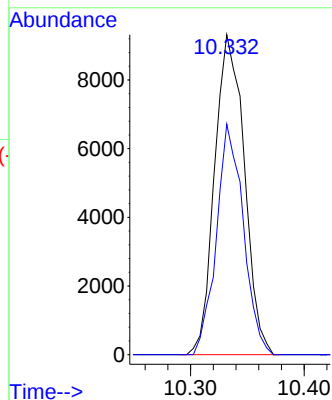
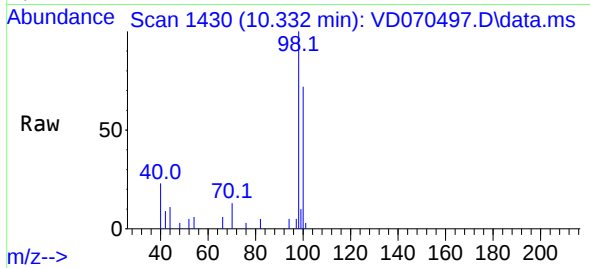




#50
Toluene-d8
Concen: 43.738 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070497.D
Acq: 28 Sep 2021 12:41

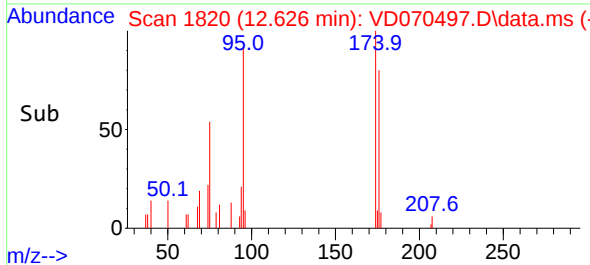
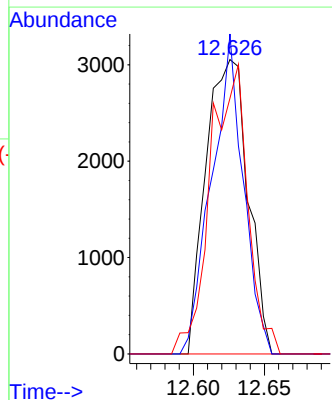
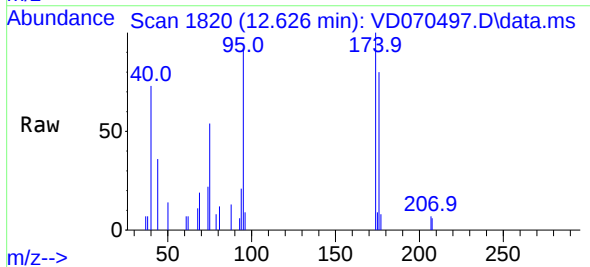
Instrument :
MSVOA_D
ClientSampleId :
PL-05-092421RE

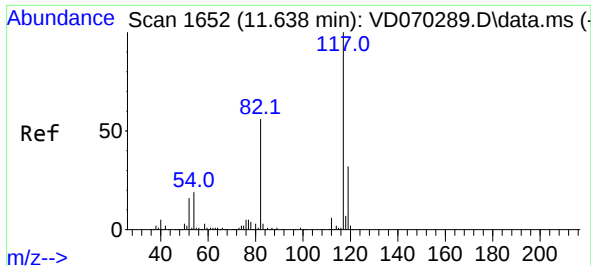
Tgt Ion: 98 Resp: 16907
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.664 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070497.D
Acq: 28 Sep 2021 12:41

Tgt Ion: 95 Resp: 6304
Ion Ratio Lower Upper
95 100
174 81.4 0.0 140.6
176 87.1 0.0 137.4

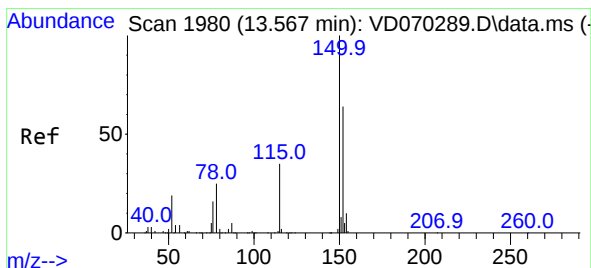
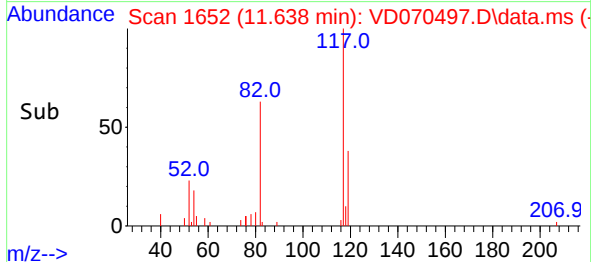
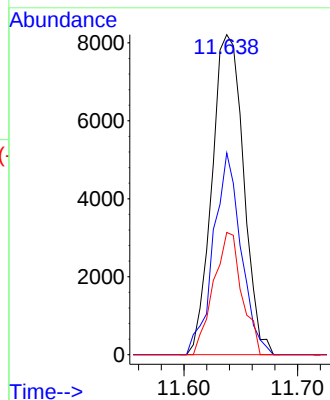
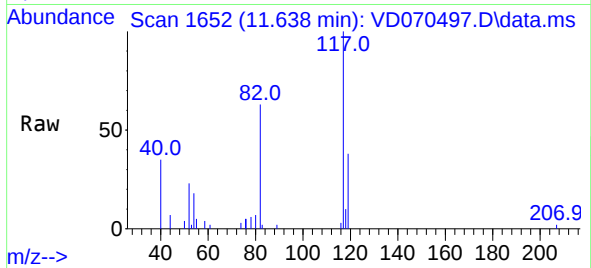




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070497.D
Acq: 28 Sep 2021 12:41

Instrument :
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Tgt Ion:	117	Resp:	15870
Ion	Ratio	Lower	Upper
117	100		
82	63.0	45.0	67.4
119	38.2	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: VD070497.D
Acq: 28 Sep 2021 12:41

Tgt Ion:	152	Resp:	6950
Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.1	96.3
150	164.7	0.0	350.6

