

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069747.D
 Acq On : 19 Jul 2021 13:01
 Operator : VA/SY
 Sample : M3072-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-071621

Quant Time: Jul 20 02:11:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	11586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	19535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	20882	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	10028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	10091	69.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.500%	
35) Dibromofluoromethane	7.920	113	5604	42.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.520%	
50) Toluene-d8	10.338	98	25116	49.329	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.626	95	9635	56.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.480%	

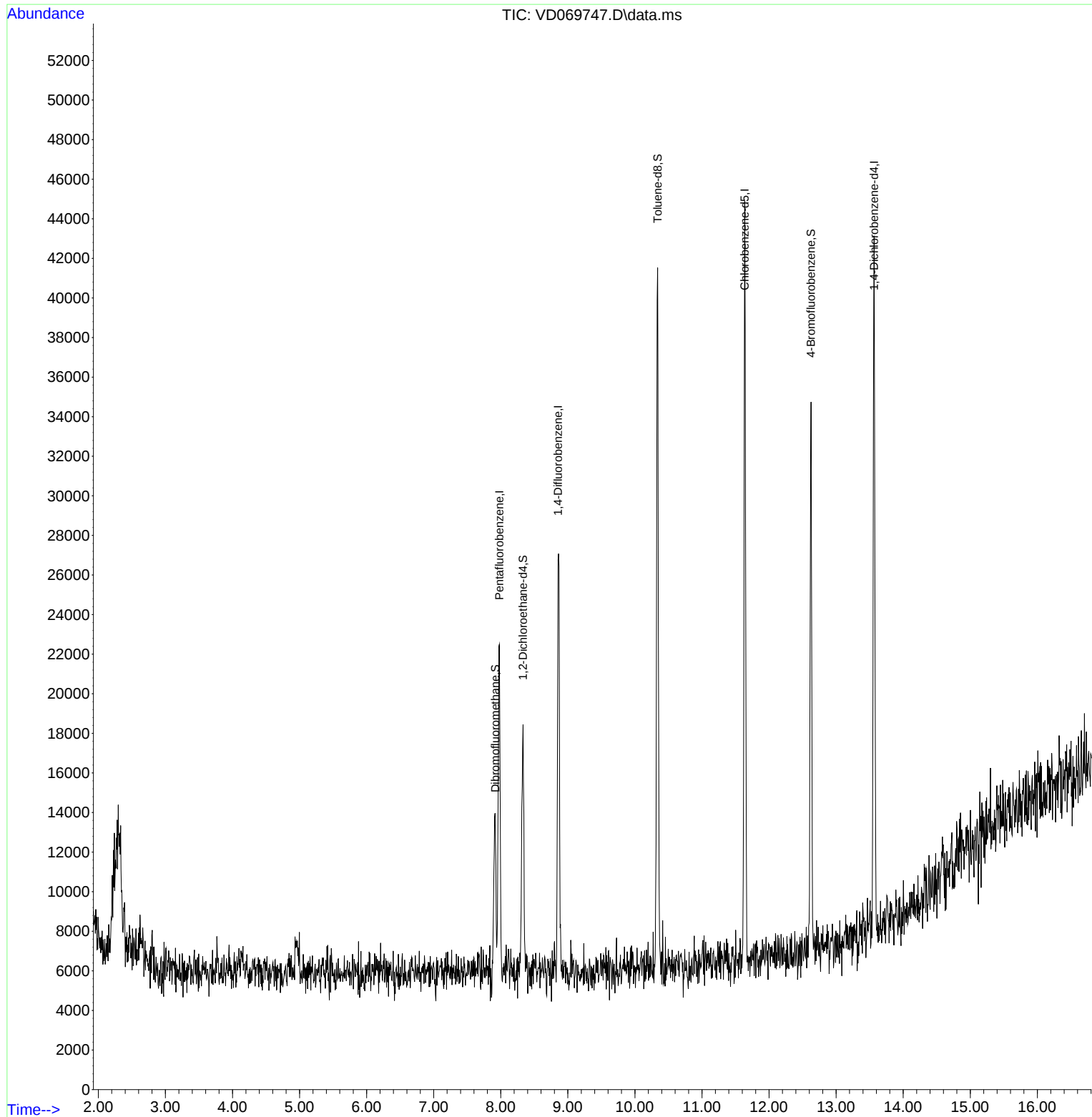
Target Compounds	Qvalue

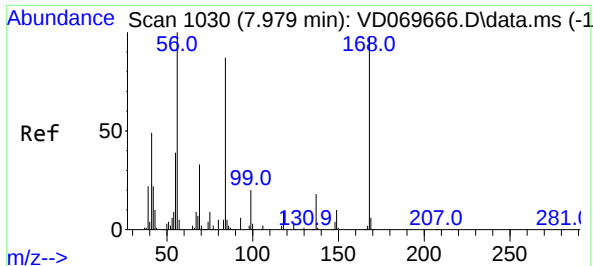
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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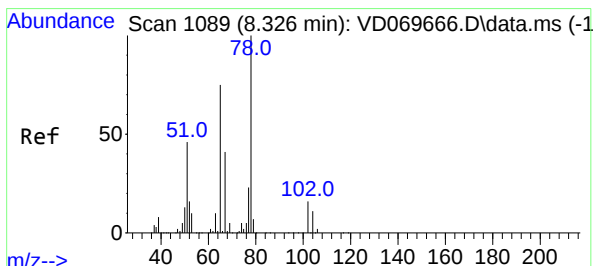
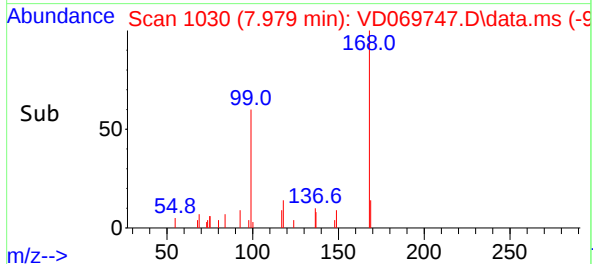
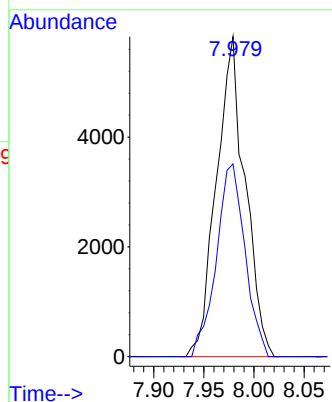
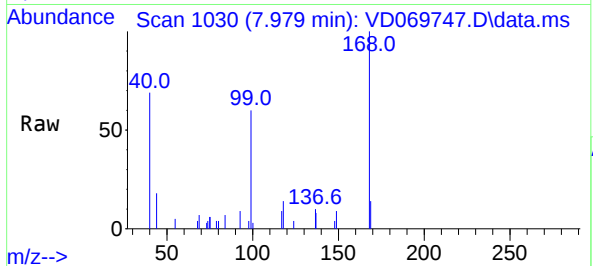




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069747.D
Acq: 19 Jul 2021 13:01

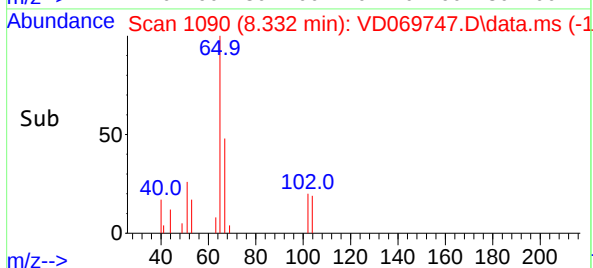
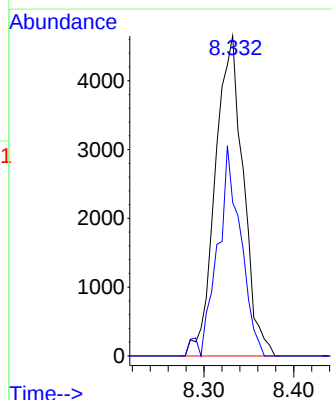
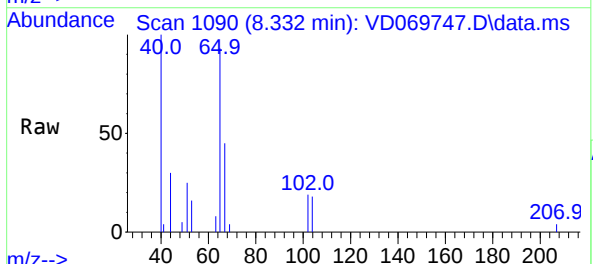
Instrument :
MSVOA_D
ClientSampleId :
OR-02-071621

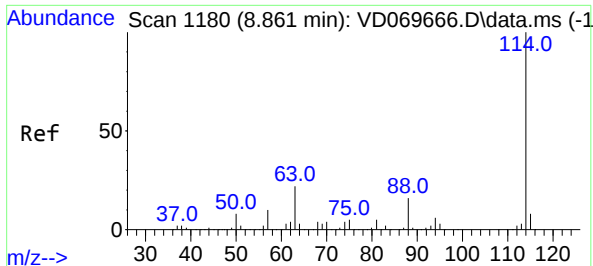
Tgt Ion:168 Resp: 11586
Ion Ratio Lower Upper
168 100
99 60.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 69.754 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069747.D
Acq: 19 Jul 2021 13:01

Tgt Ion: 65 Resp: 10091
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2



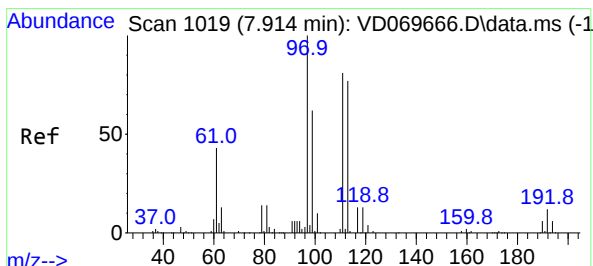
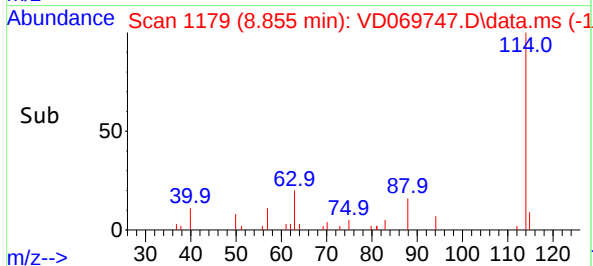
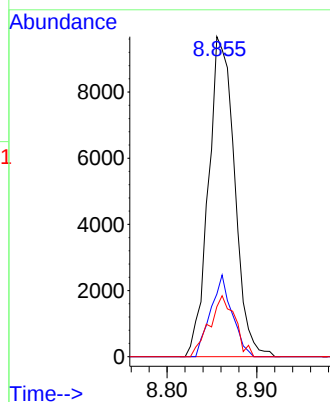
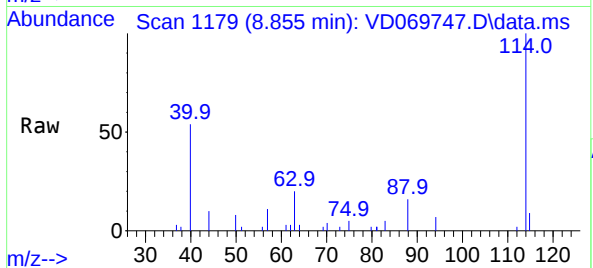


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD069747.D
Acq: 19 Jul 2021 13:01

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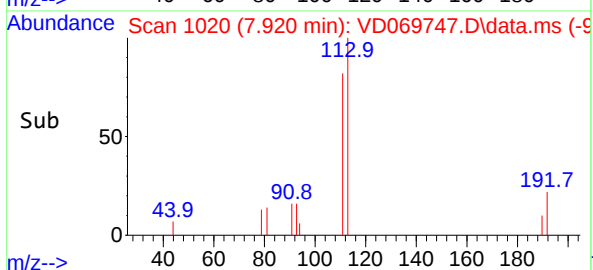
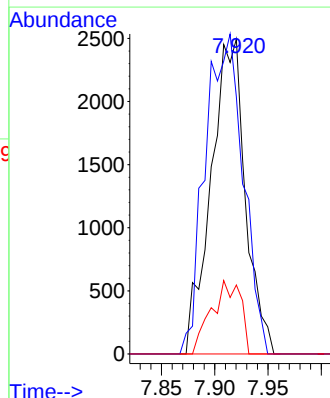
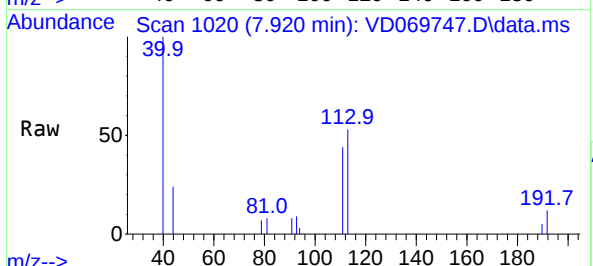
Tgt Ion:	114	Resp:	19535
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	43.4
88	15.6	0.0	32.0

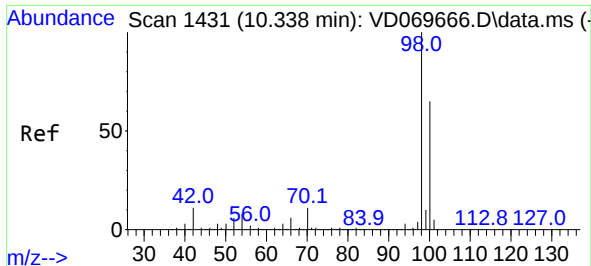


#35

Dibromofluoromethane
Concen: 42.760 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069747.D
Acq: 19 Jul 2021 13:01

Tgt Ion:	113	Resp:	5604
Ion	Ratio	Lower	Upper
113	100		
111	112.1	82.6	123.8
192	19.7	12.7	19.1#

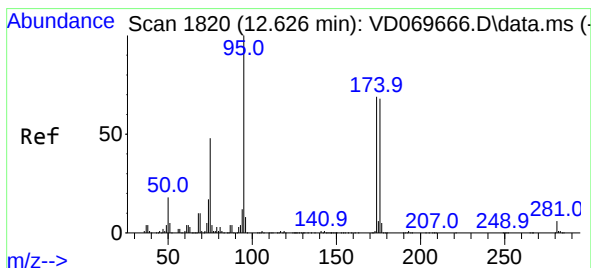
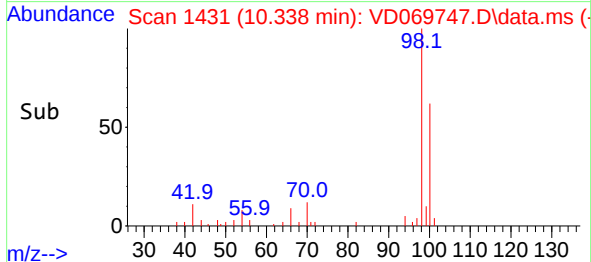
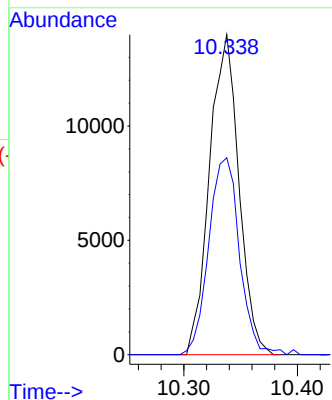
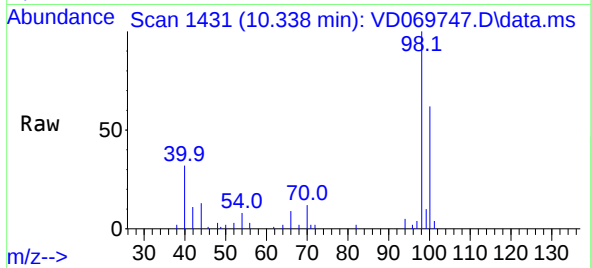




#50
Toluene-d8
Concen: 49.329 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069747.D
Acq: 19 Jul 2021 13:01

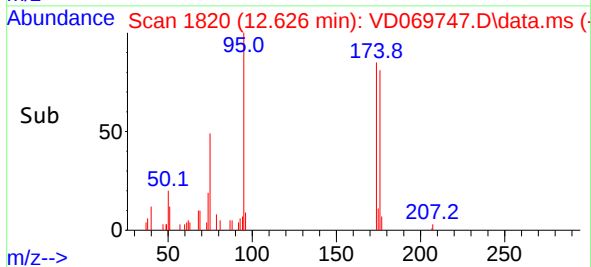
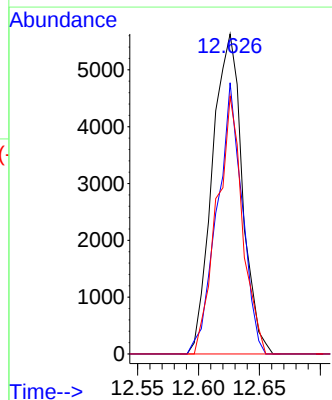
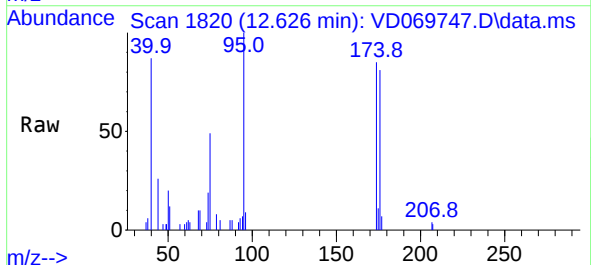
Instrument :
MSVOA_D
ClientSampleId :
OR-02-071621

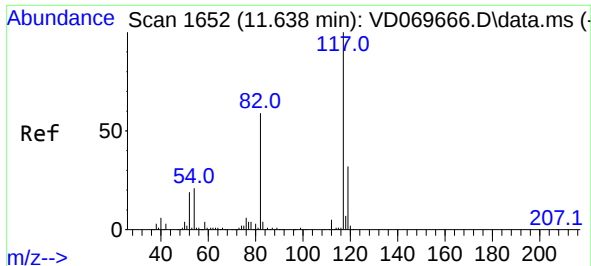
Tgt Ion: 98 Resp: 25116
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 56.741 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069747.D
Acq: 19 Jul 2021 13:01

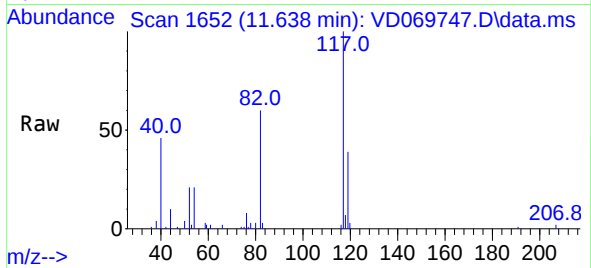
Tgt Ion: 95 Resp: 9635
Ion Ratio Lower Upper
95 100
174 71.1 0.0 140.0
176 69.2 0.0 136.2



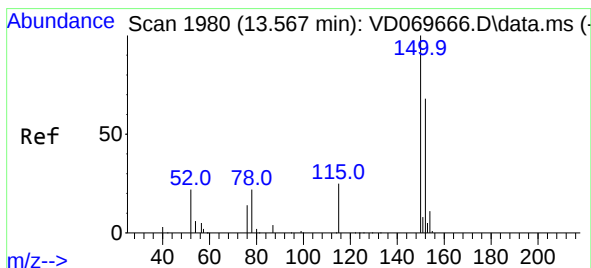
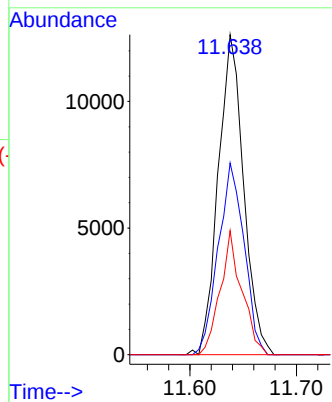
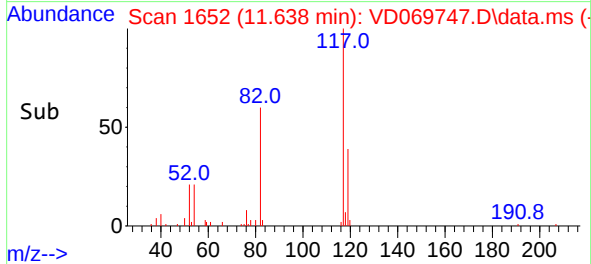


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069747.D
Acq: 19 Jul 2021 13:01

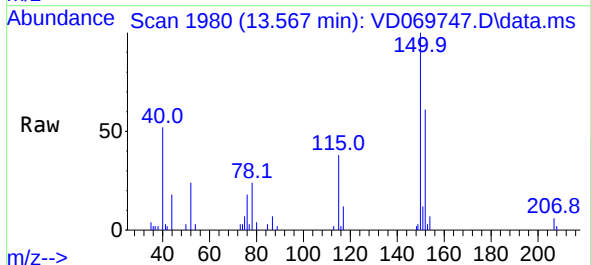
Instrument :
MSVOA_D
ClientSampleId :
OR-02-071621



Tgt Ion:117 Resp: 20882
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 38.7 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069747.D
Acq: 19 Jul 2021 13:01



Tgt Ion:152 Resp: 10028
Ion Ratio Lower Upper
152 100
115 61.4 31.7 95.1
150 146.3 0.0 350.4

