

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069707.D
 Acq On : 15 Jul 2021 15:09
 Operator : VA/SY
 Sample : M3023-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-071321

Quant Time: Jul 16 02:02:08 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	7.985	168	9154	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	15158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	7654	66.964	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.920%	
35) Dibromofluoromethane	7.914	113	4942	48.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.200%	
50) Toluene-d8	10.332	98	19591	49.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.620	95	7163	54.364	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.720%	

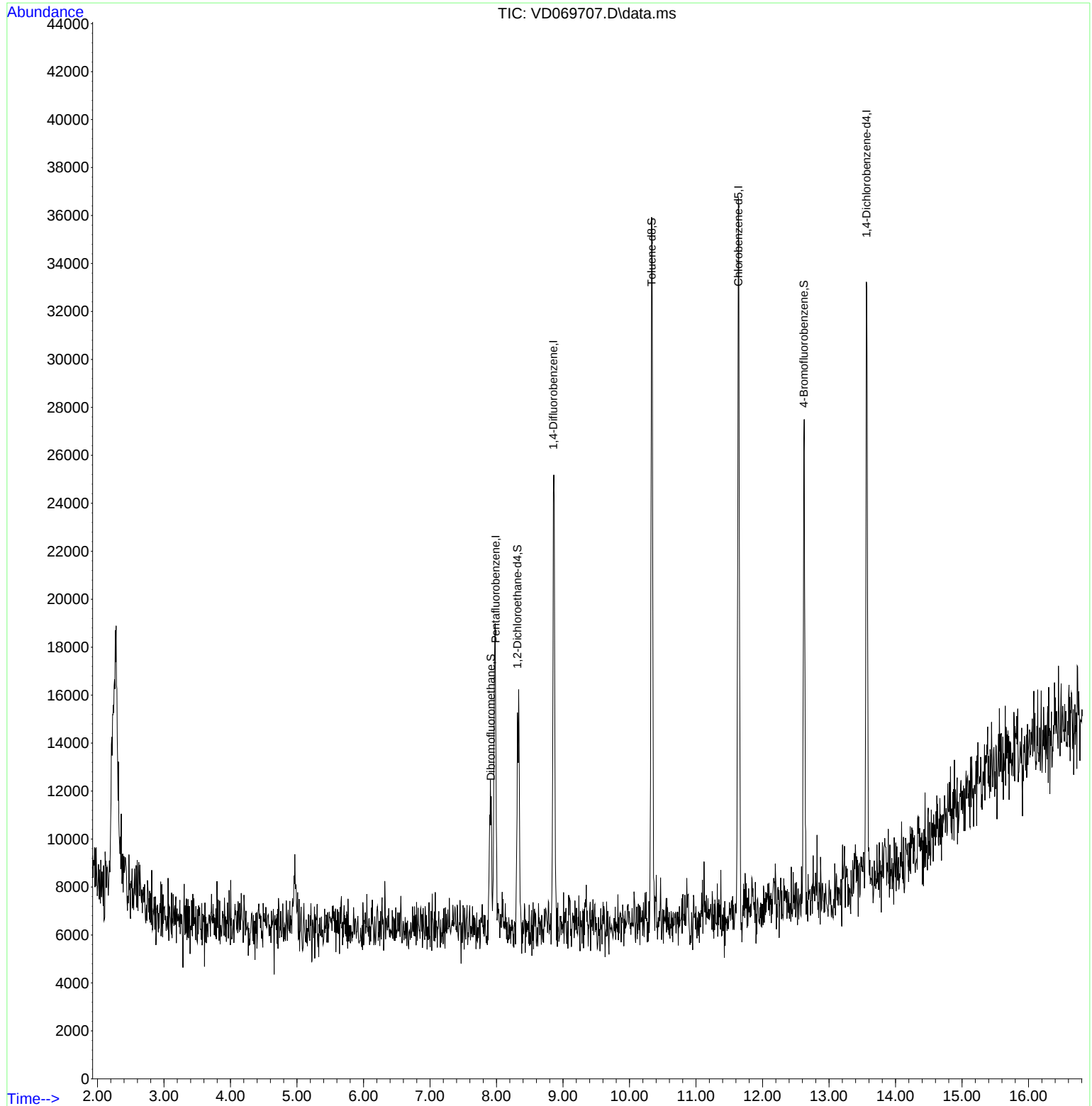
Target Compounds	Qvalue

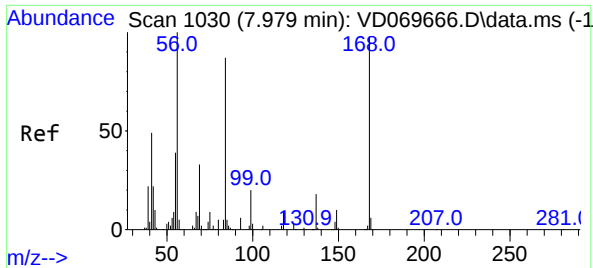
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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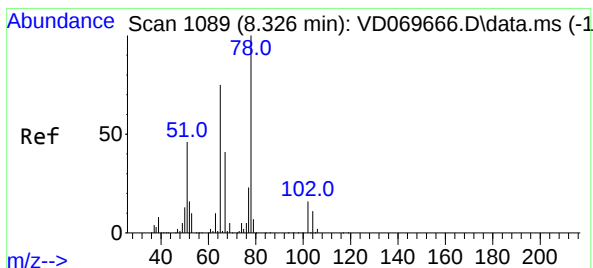
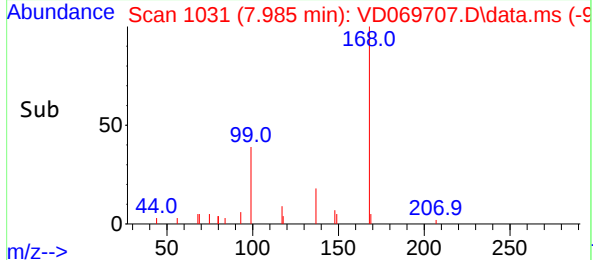
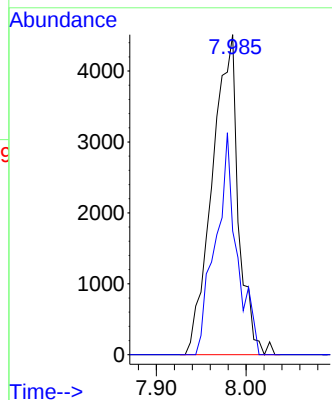
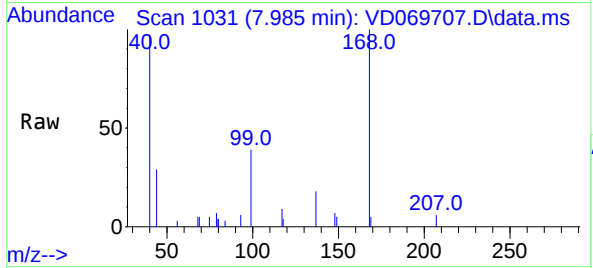




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

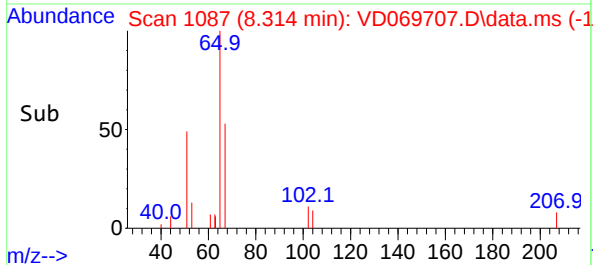
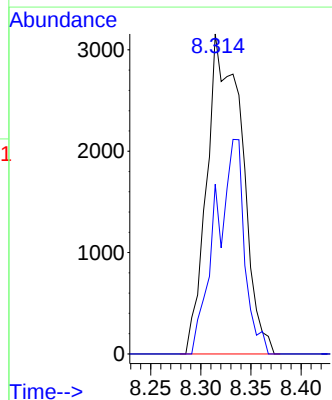
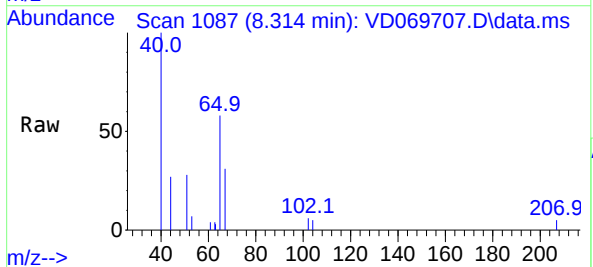
Instrument :
MSVOA_D
ClientSampleId :
OR-02-071321

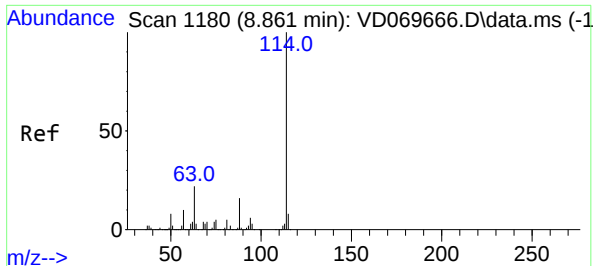
Tgt Ion:168 Resp: 9154
Ion Ratio Lower Upper
168 100
99 38.6 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: 66.964 ug/l
RT: 8.314 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 65 Resp: 7654
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.2



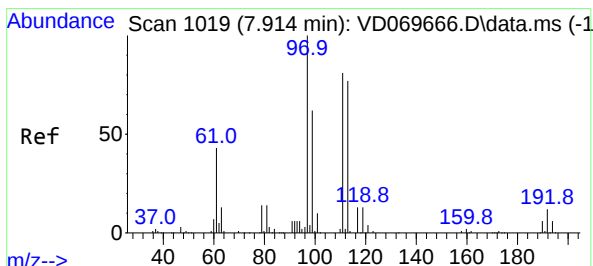
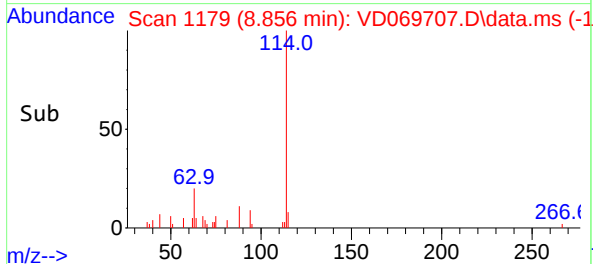
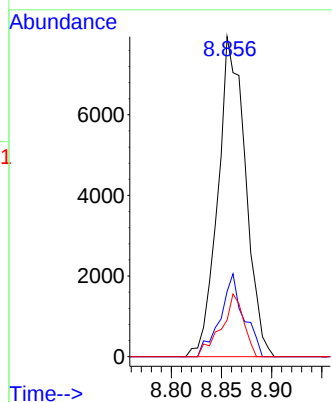
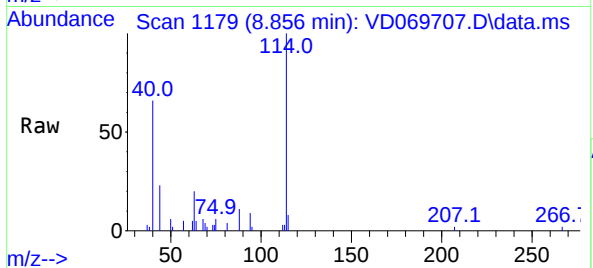


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Instrument :
MSVOA_D
ClientSampleId :
OR-02-071321

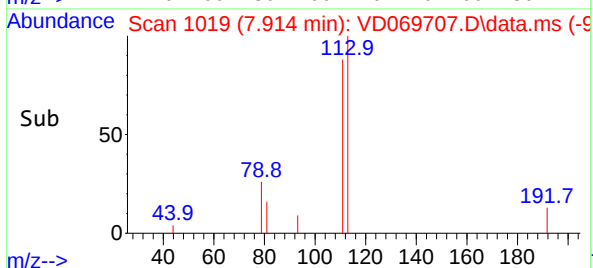
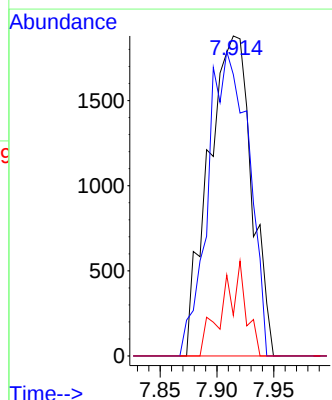
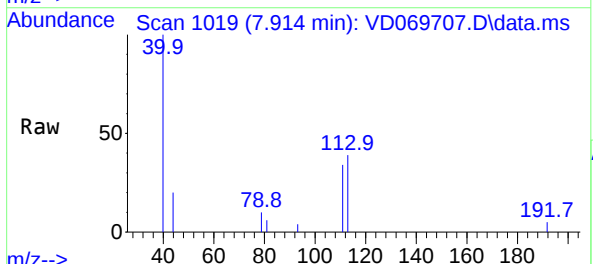
Tgt Ion:	114	Resp:	15158
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	43.4
88	11.4	0.0	32.0

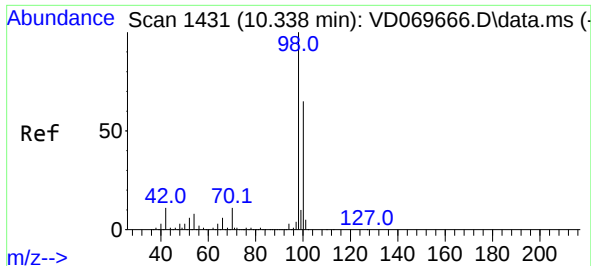


#35

Dibromofluoromethane
Concen: 48.598 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion:	113	Resp:	4942
Ion Ratio	Lower	Upper	
113	100		
111	90.7	82.6	123.8
192	16.0	12.7	19.1

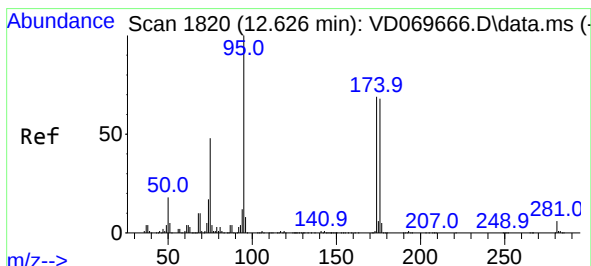
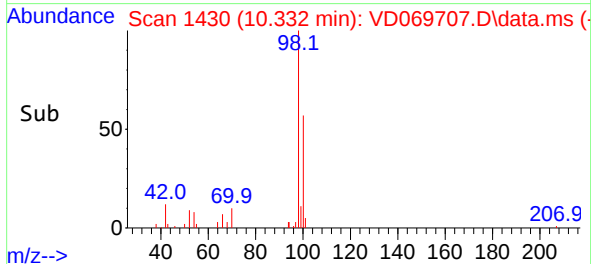
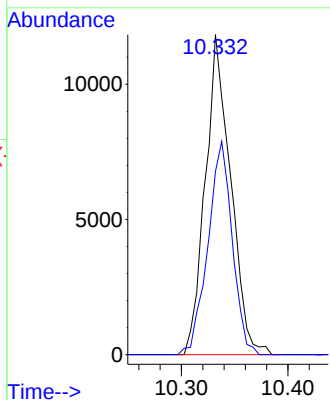
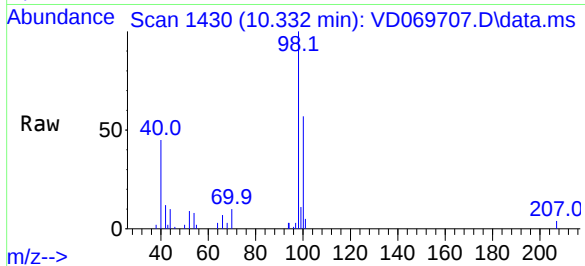




#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

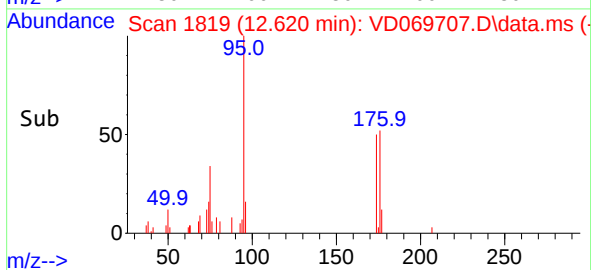
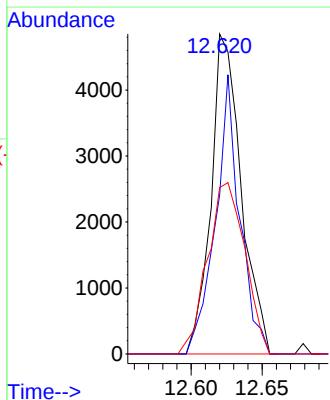
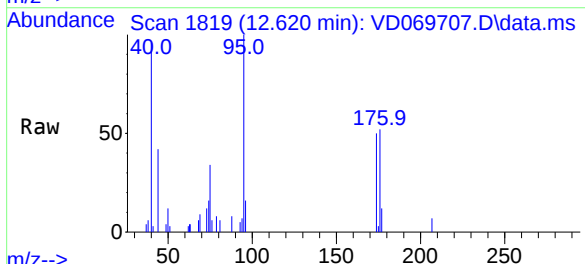
Instrument :
MSVOA_D
ClientSampleId :
OR-02-071321

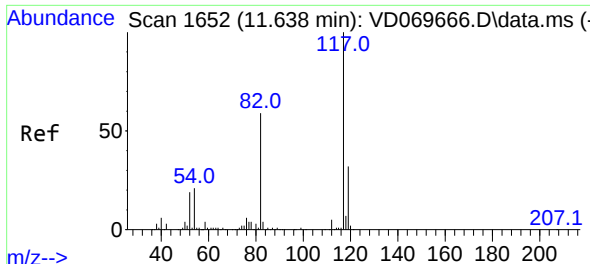
Tgt Ion: 98 Resp: 19591
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 54.364 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 95 Resp: 7163
Ion Ratio Lower Upper
95 100
174 69.9 0.0 140.0
176 66.5 0.0 136.2

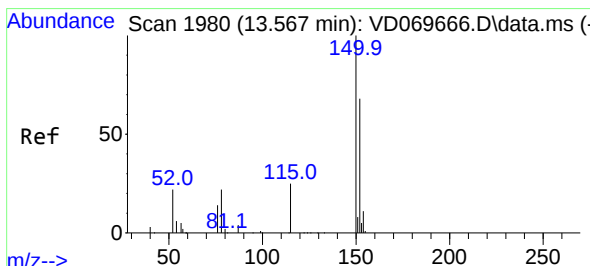
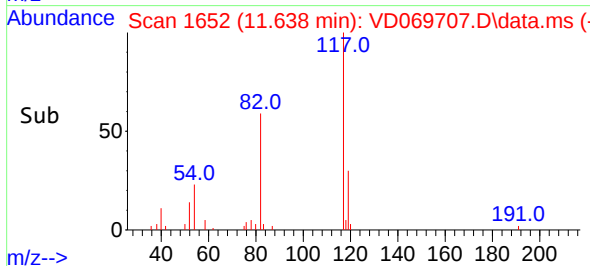
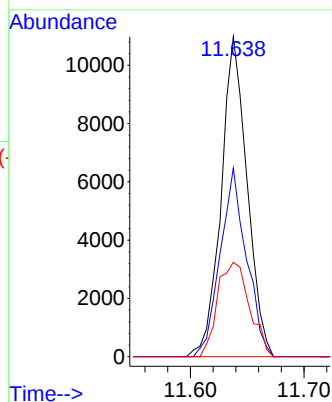
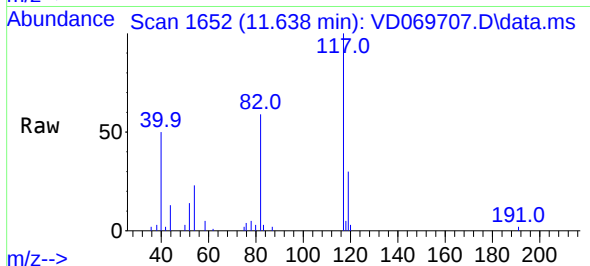




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Instrument :
MSVOA_D
ClientSampleId :
OR-02-071321

Tgt Ion:	117	Resp:	17448
Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.4	71.2
119	29.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion:	152	Resp:	7336
Ion	Ratio	Lower	Upper
152	100		
115	67.4	31.7	95.1
150	149.0	0.0	350.4

