

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069204.D
 Acq On : 19 May 2021 18:51
 Operator : VA/SY
 Sample : M2432-02RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOCRE

Quant Time: May 20 01:03:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	13668	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	23088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	21746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	9467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13859	101.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 202.28%#	
35) Dibromofluoromethane	7.920	113	10140	67.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.98%	
50) Toluene-d8	10.338	98	34245	62.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.06%	
62) 4-Bromofluorobenzene	12.620	95	8480	47.74	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.48%	

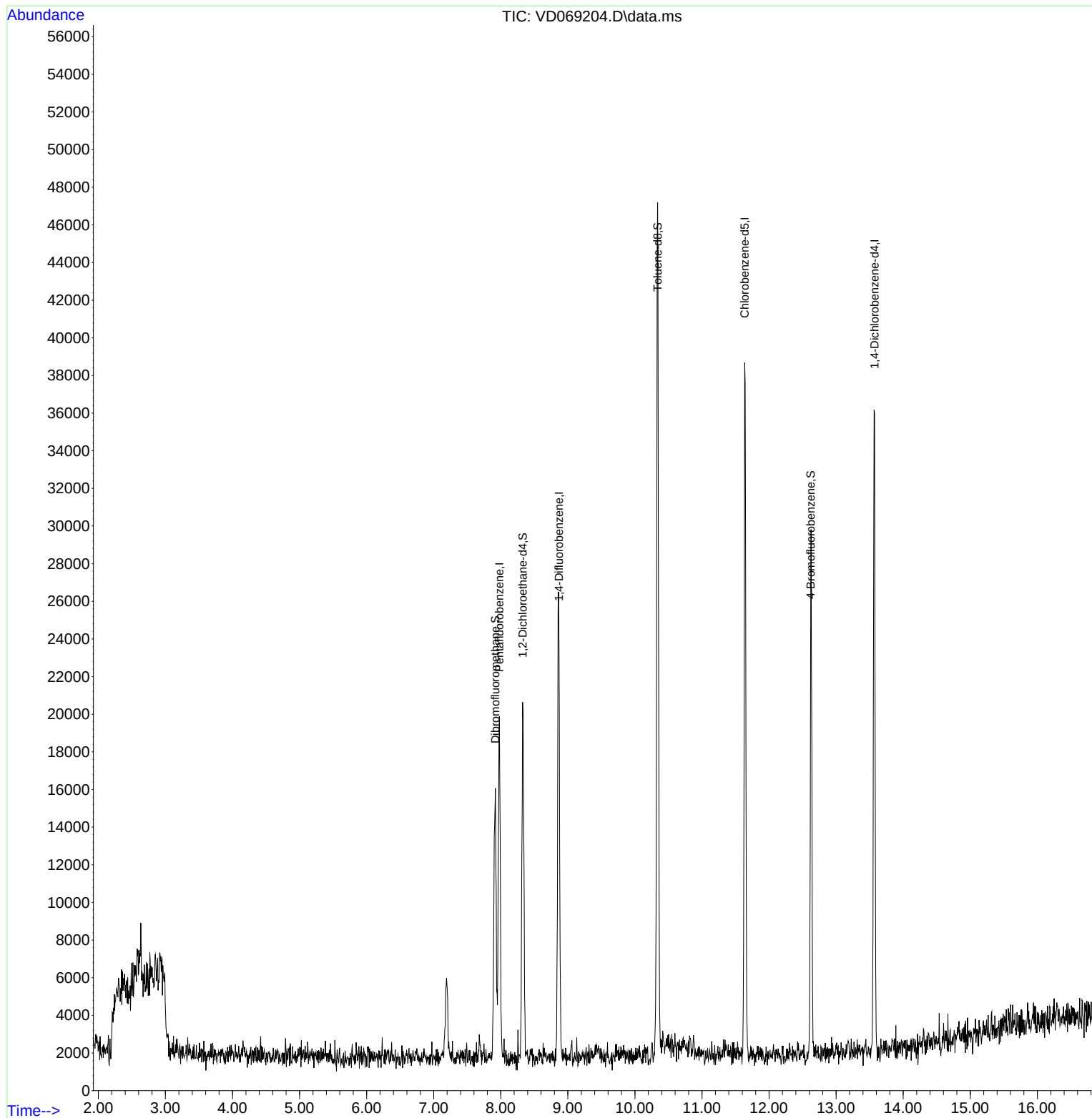
Target Compounds	Qvalue

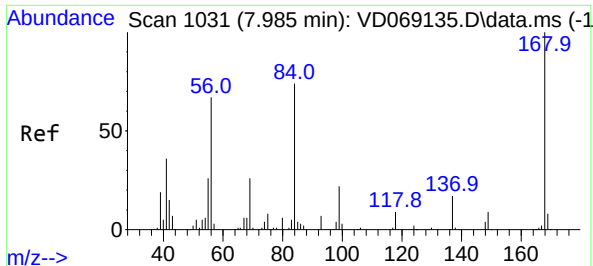
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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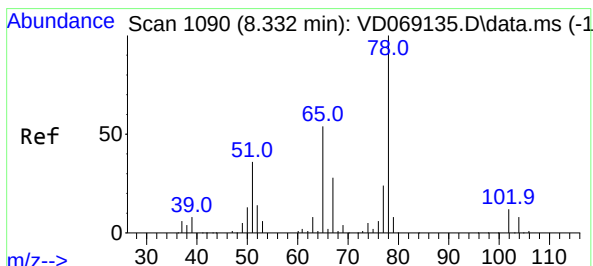
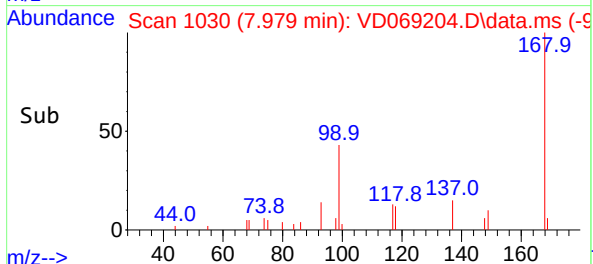
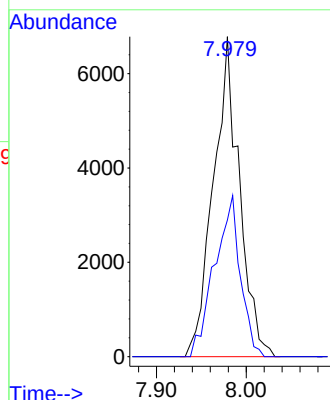
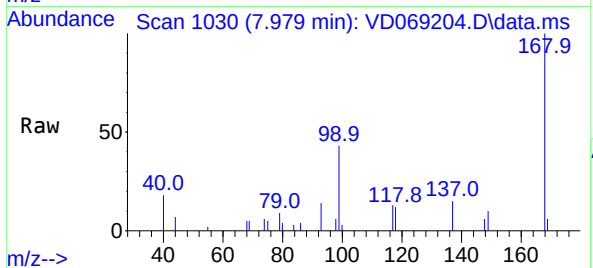




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

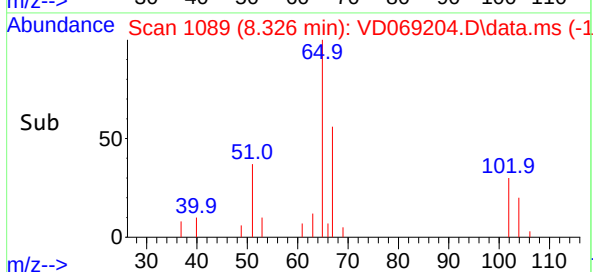
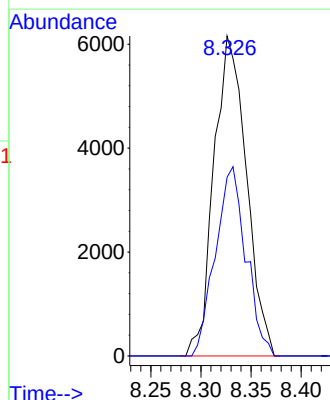
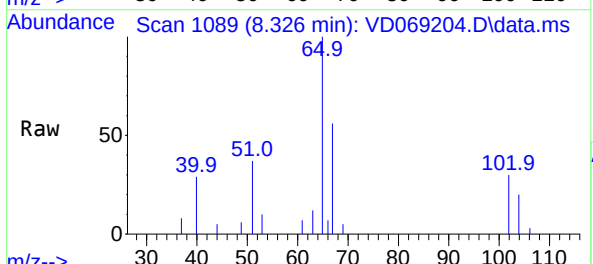
Instrument :
MSVOA_D
ClientSampleId :
VOCRE

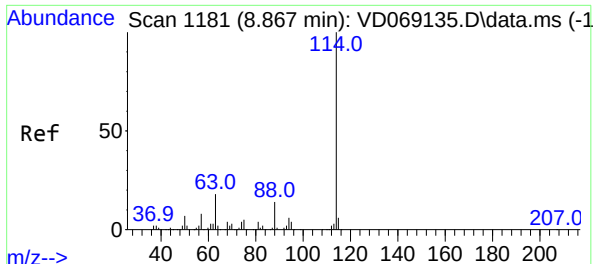
Tgt Ion:168 Resp: 13668
Ion Ratio Lower Upper
168 100
99 42.7 47.2 70.8#



1,2-Dichloroethane-d4
Concen: 101.14 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion: 65 Resp: 13859
Ion Ratio Lower Upper
65 100
67 55.8 0.0 108.0



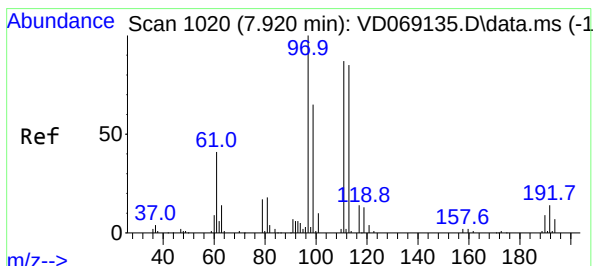
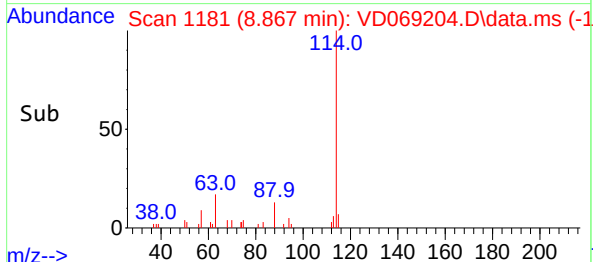
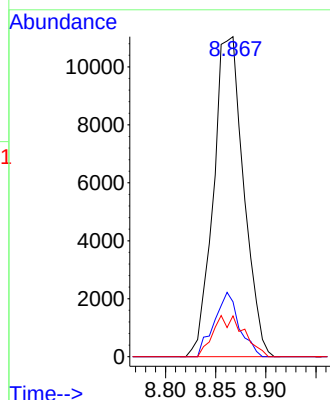
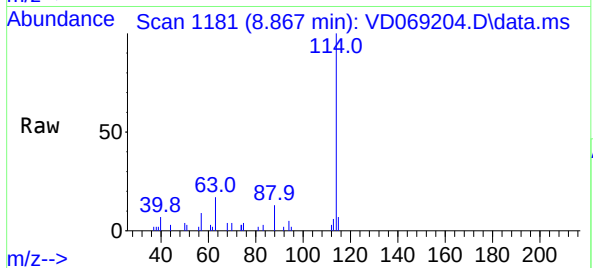


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Instrument :
MSVOA_D
ClientSampled :
VOCRE

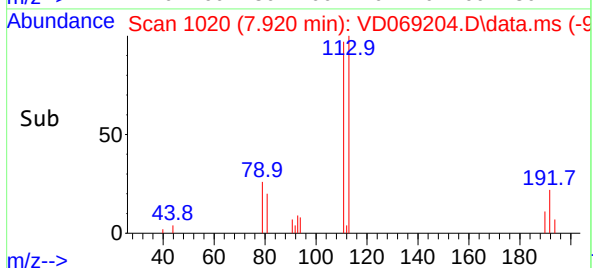
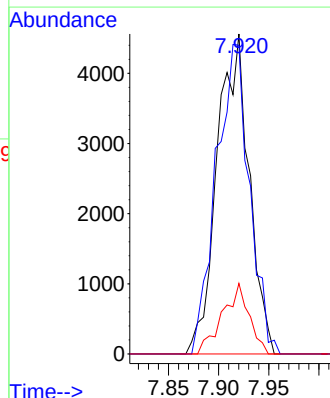
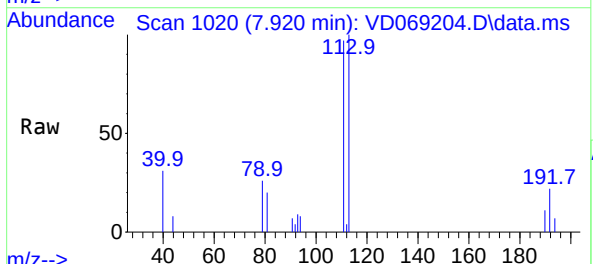
Tgt Ion:	114	Resp:	23088
Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.4
88	12.8	0.0	28.2

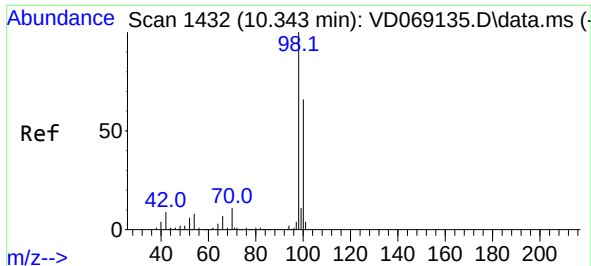


#35

Dibromofluoromethane
Concen: 67.49 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion:	113	Resp:	10140
Ion	Ratio	Lower	Upper
113	100		
111	100.1	80.6	120.8
192	18.3	14.8	22.2

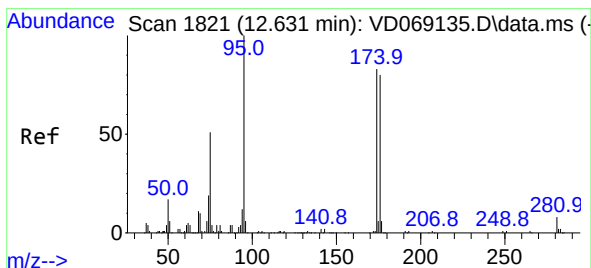
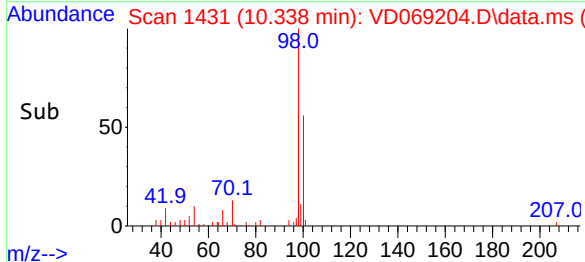
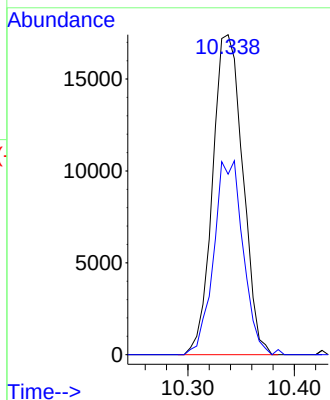
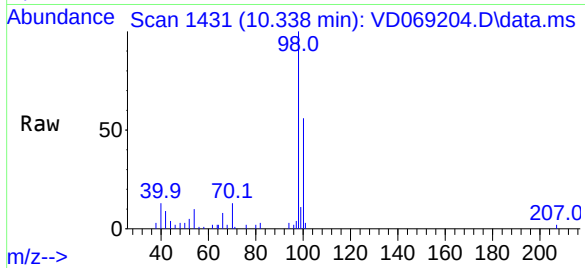




#50
Toluene-d8
Concen: 62.03 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

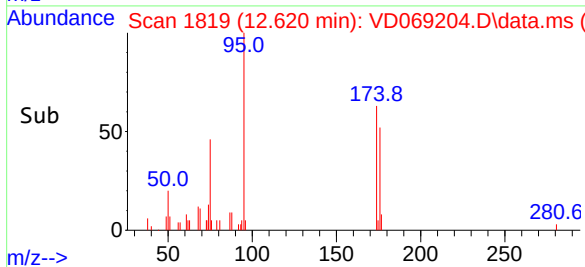
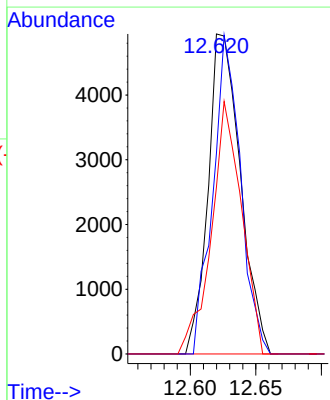
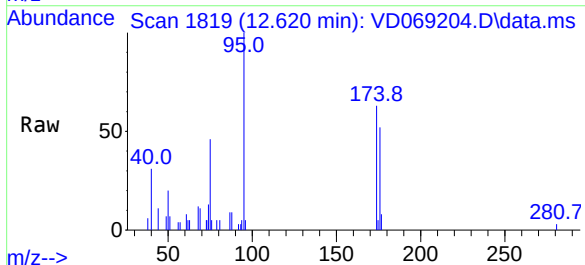
Instrument :
MSVOA_D
ClientSampleId :
VOCRE

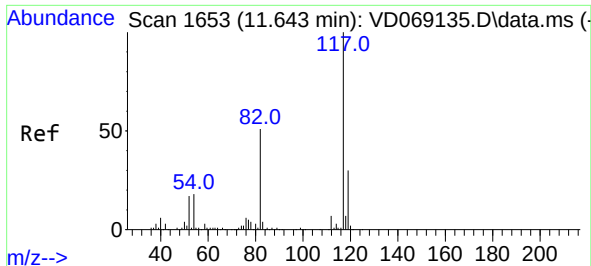
Tgt Ion: 98 Resp: 34245
Ion Ratio Lower Upper
98 100
100 59.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.74 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.011 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion: 95 Resp: 8480
Ion Ratio Lower Upper
95 100
174 85.1 0.0 171.8
176 73.3 0.0 165.4

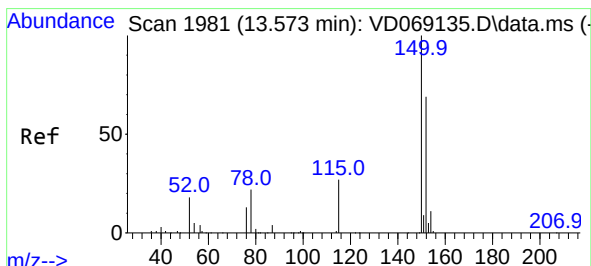
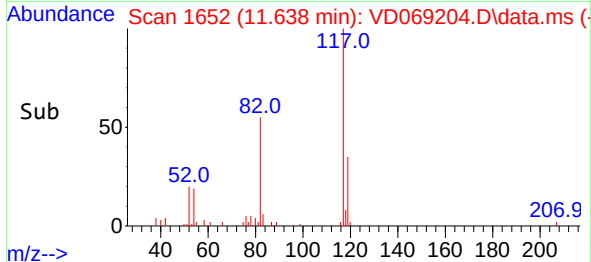
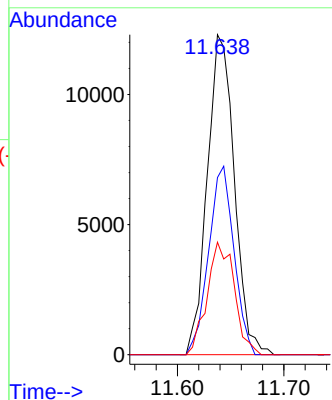
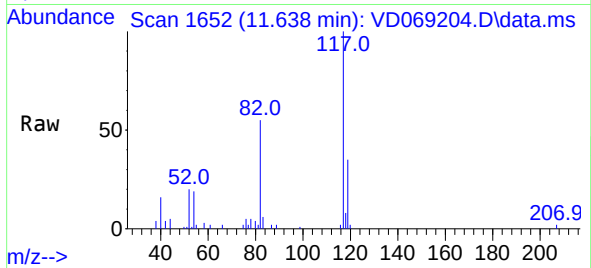




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Instrument :
MSVOA_D
ClientSampleId :
VOCRE

Tgt Ion:	117	Resp:	21746
Ion	Ratio	Lower	Upper
117	100		
82	55.4	40.5	60.7
119	35.1	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069204.D
Acq: 19 May 2021 18:51

Tgt Ion:	152	Resp:	9467
Ion	Ratio	Lower	Upper
152	100		
115	63.1	29.9	89.8
150	158.6	0.0	350.2

