

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070022.D
 Acq On : 11 Aug 2021 14:37
 Operator : VA/SY
 Sample : M3339-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-080921RE

Quant Time: Aug 12 05:29:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	96315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	185415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	194351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	76630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	100548	90.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.540%#
35) Dibromofluoromethane	7.914	113	76818	65.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.440%
50) Toluene-d8	10.338	98	237043	52.594	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.626	95	79092	52.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.020%

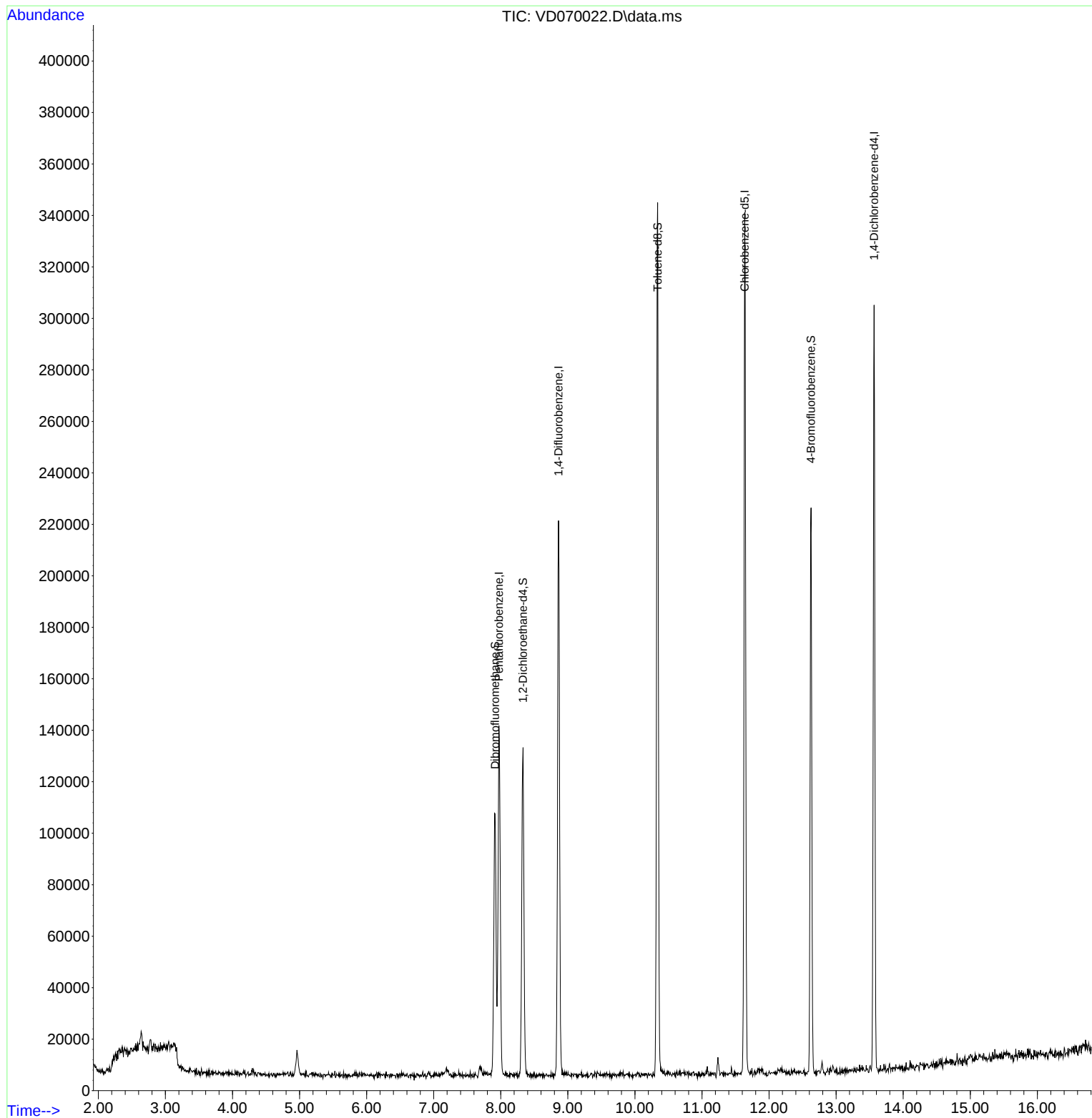
Target Compounds	Qvalue

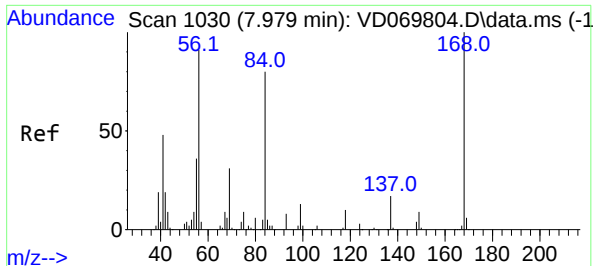
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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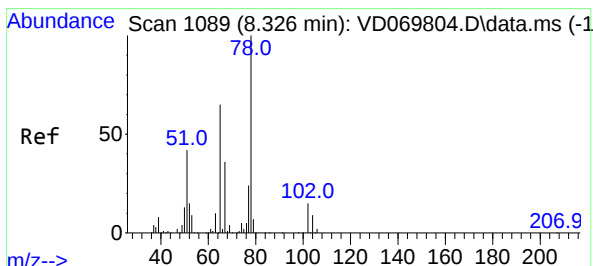
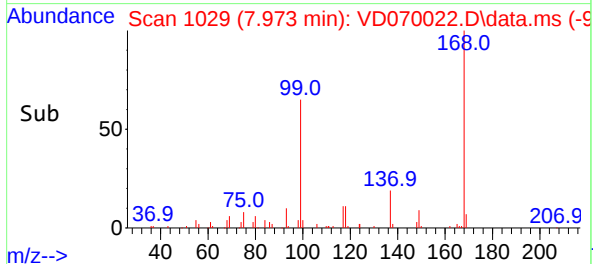
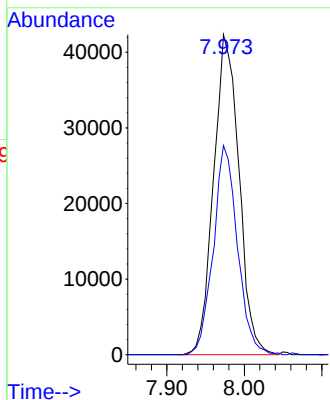
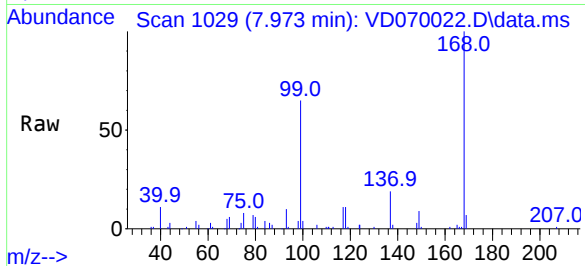




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070022.D
Acq: 11 Aug 2021 14:37

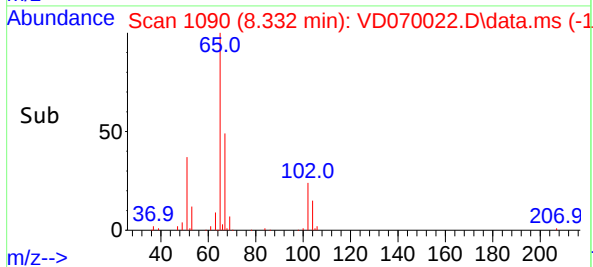
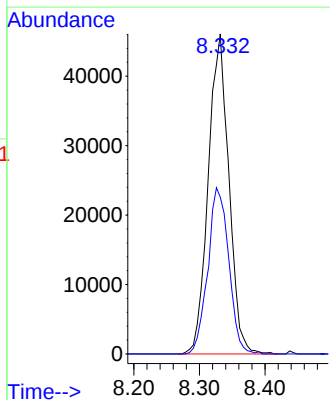
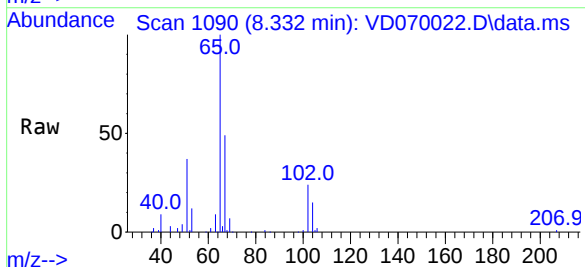
Instrument :
MSVOA_D
ClientSampleId :
OK-01-080921RE

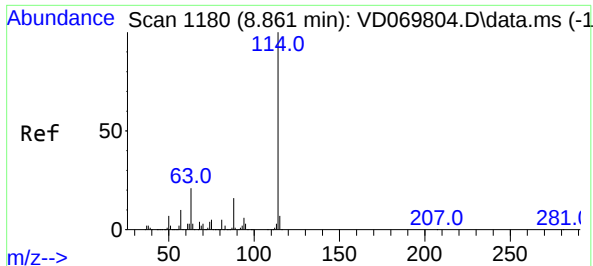
Tgt Ion:168 Resp: 96315
Ion Ratio Lower Upper
168 100
99 65.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 90.771 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070022.D
Acq: 11 Aug 2021 14:37

Tgt Ion: 65 Resp: 100548
Ion Ratio Lower Upper
65 100
67 52.8 0.0 111.2



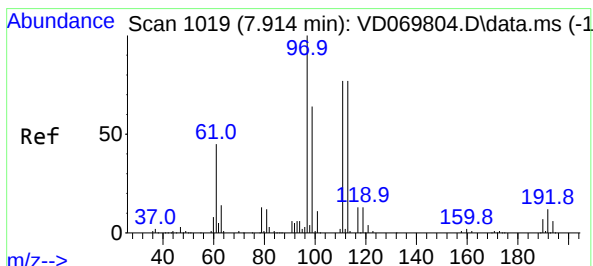
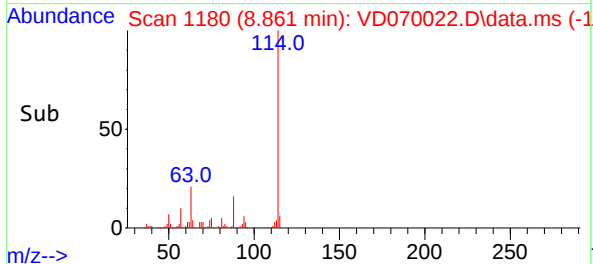
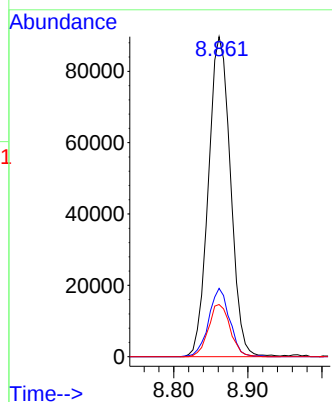
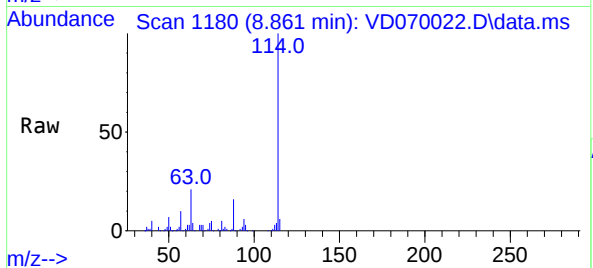


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070022.D
Acq: 11 Aug 2021 14:37

Instrument :
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OK-01-080921RE

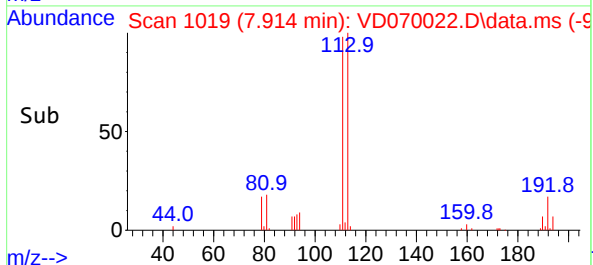
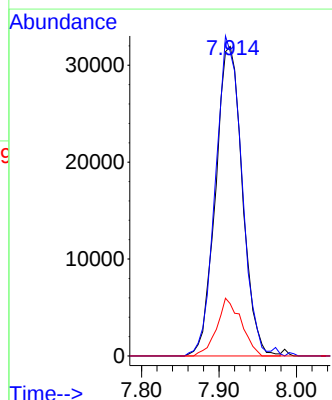
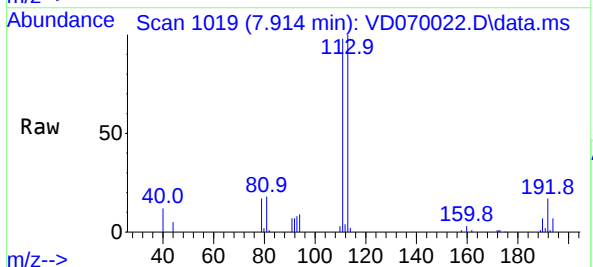
Tgt Ion:	114	Resp:	185415
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.6
88	16.3	0.0	31.4



#35

Dibromofluoromethane
Concen: 65.721 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070022.D
Acq: 11 Aug 2021 14:37

Tgt Ion:	113	Resp:	76818
Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.5	120.7
192	17.0	12.6	19.0

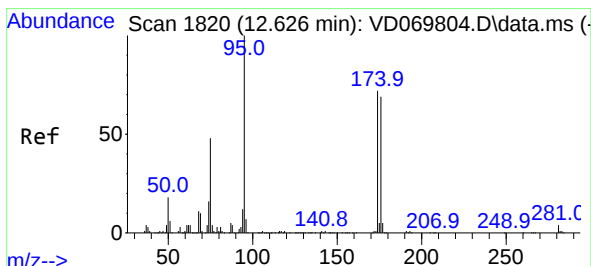
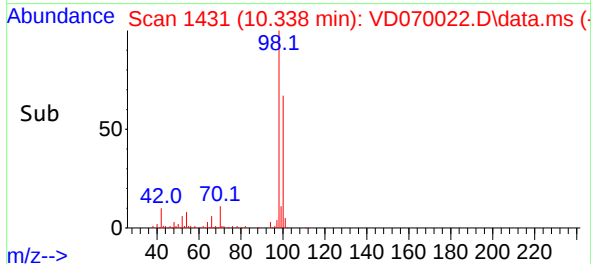
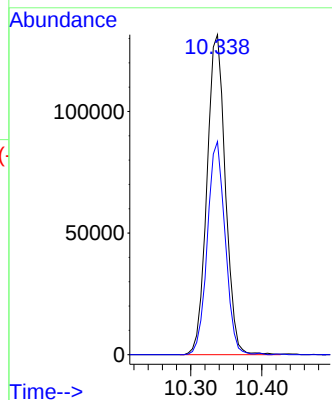
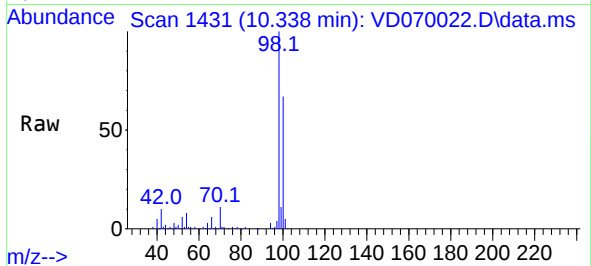




#50
Toluene-d8
Concen: 52.594 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070022.D
Acq: 11 Aug 2021 14:37

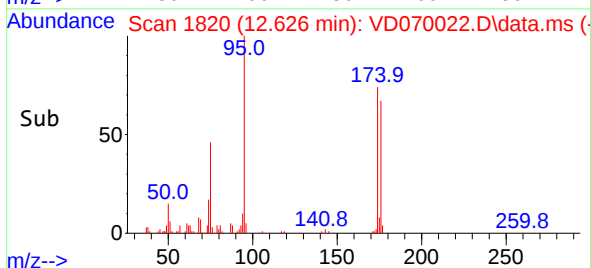
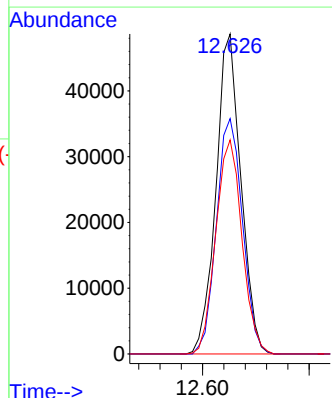
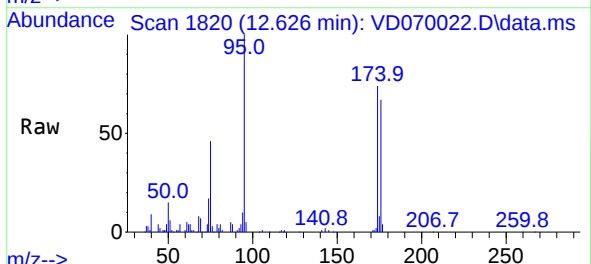
Instrument :
MSVOA_D
ClientSampleId :
OK-01-080921RE

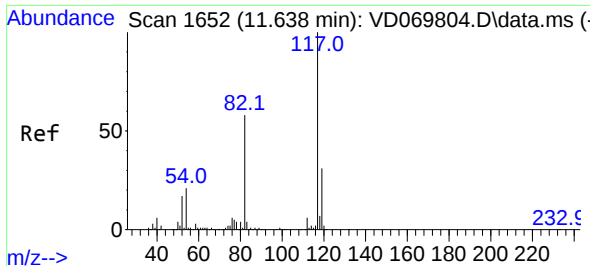
Tgt Ion: 98 Resp: 237043
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.509 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070022.D
Acq: 11 Aug 2021 14:37

Tgt Ion: 95 Resp: 79092
Ion Ratio Lower Upper
95 100
174 76.8 0.0 142.6
176 70.3 0.0 134.2

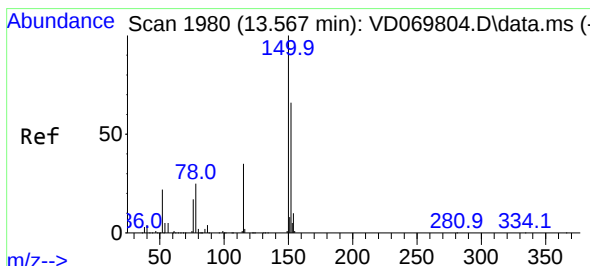
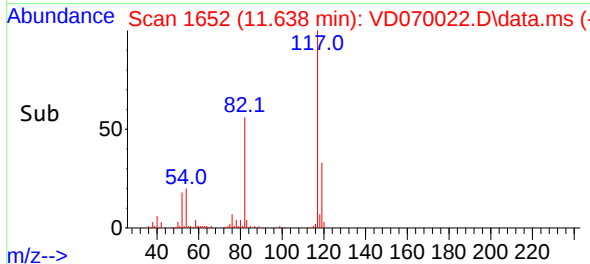
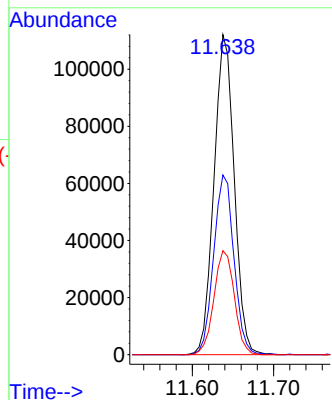
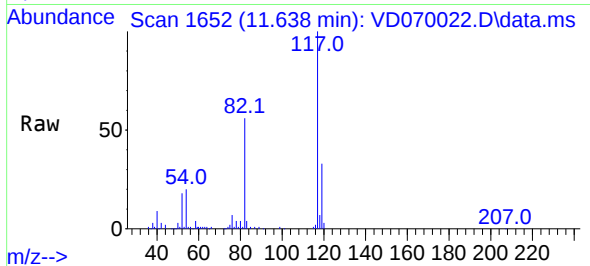




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070022.D
Acq: 11 Aug 2021 14:37

Instrument :
MSVOA_D
ClientSampleId :
OK-01-080921RE

Tgt Ion:	117	Resp:	194351
Ion Ratio	Lower	Upper	
117	100		
82	56.2	46.3	69.5
119	32.5	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070022.D
Acq: 11 Aug 2021 14:37

Tgt Ion:	152	Resp:	76630
Ion Ratio	Lower	Upper	
152	100		
115	65.1	31.1	93.3
150	163.7	0.0	343.0

