

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069959.D
 Acq On : 03 Aug 2021 11:54
 Operator : VA/SY
 Sample : M3256-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-080221

Quant Time: Aug 04 01:31:21 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	7.979	168	41788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	76720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	77009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	28818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	40871	85.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.080%#	
35) Dibromofluoromethane	7.909	113	25367	52.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.900%	
50) Toluene-d8	10.332	98	92802	49.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.626	95	28095	45.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.160%	

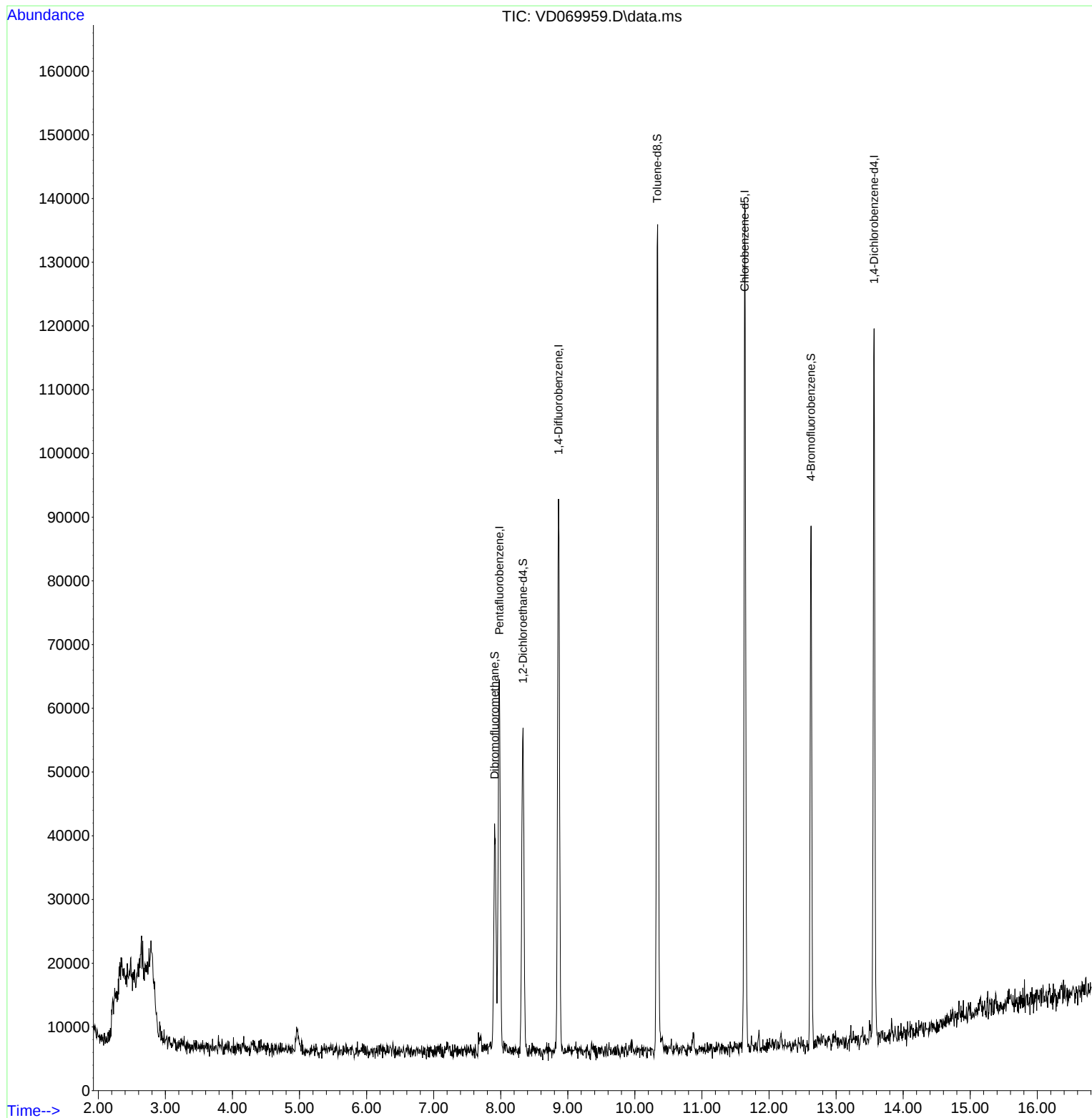
Target Compounds	Qvalue

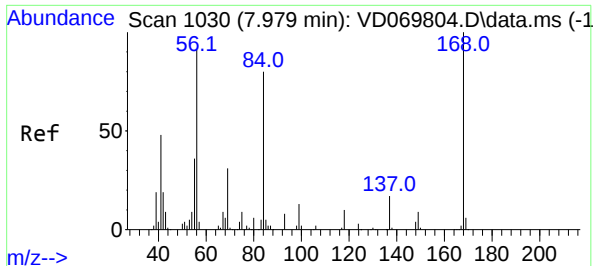
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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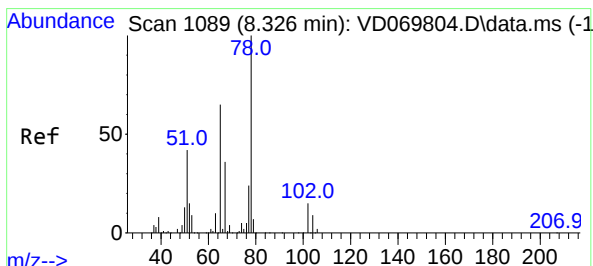
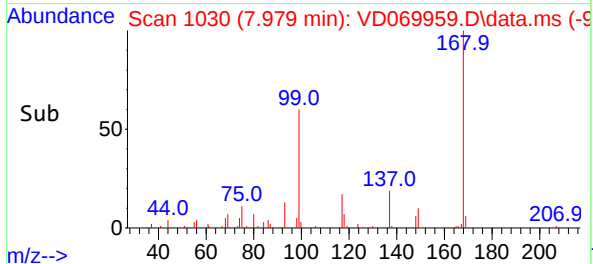
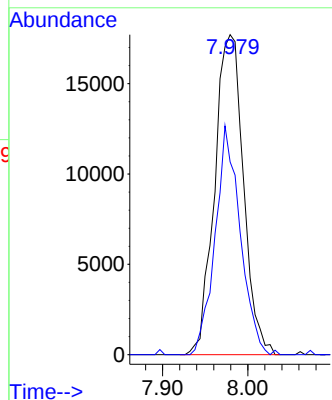
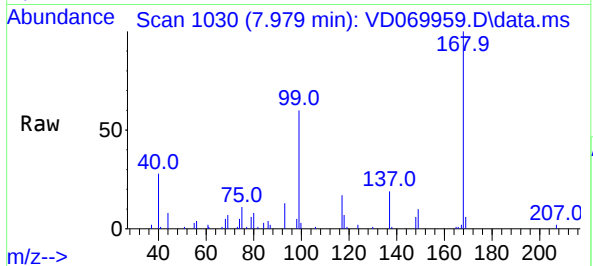




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069959.D
Acq: 03 Aug 2021 11:54

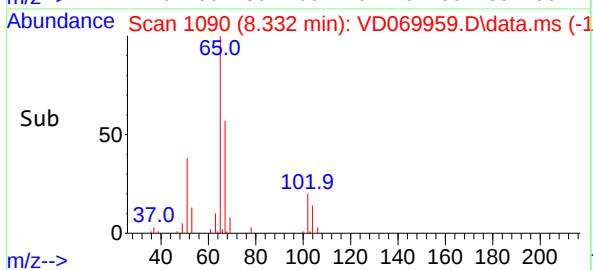
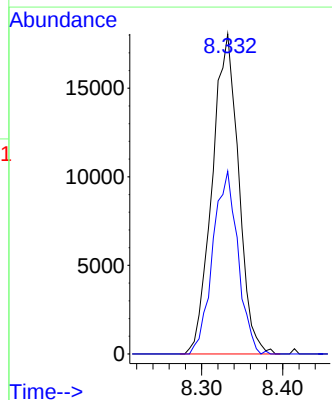
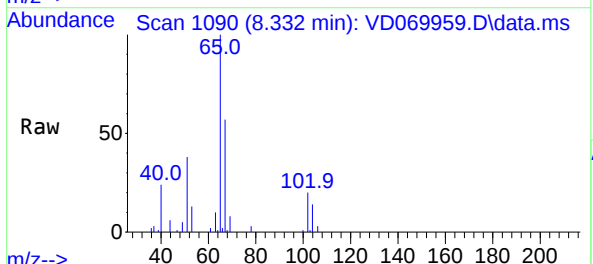
Instrument :
MSVOA_D
ClientSampleId :
OK-03-080221

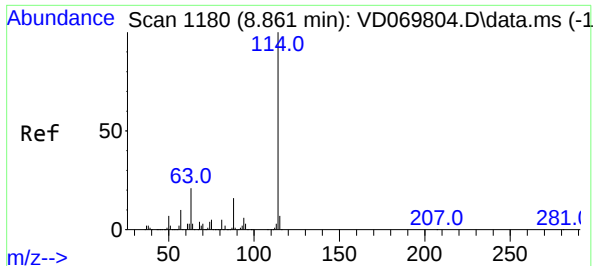
Tgt Ion:168 Resp: 41788
Ion Ratio Lower Upper
168 100
99 60.2 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 85.042 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069959.D
Acq: 03 Aug 2021 11:54

Tgt Ion: 65 Resp: 40871
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.2



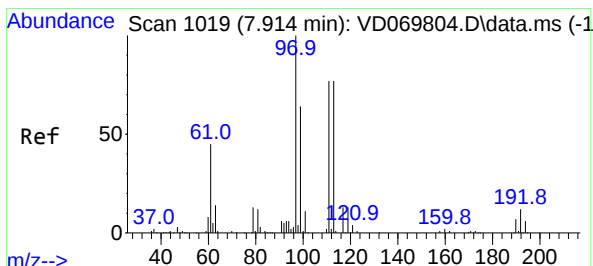
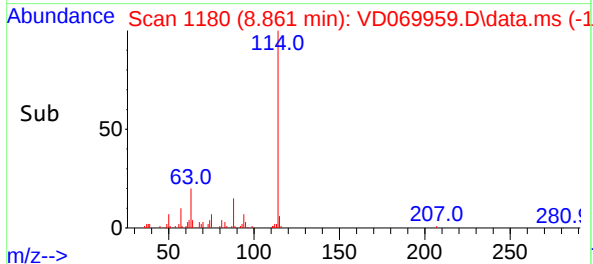
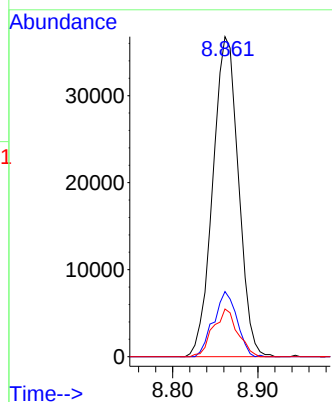
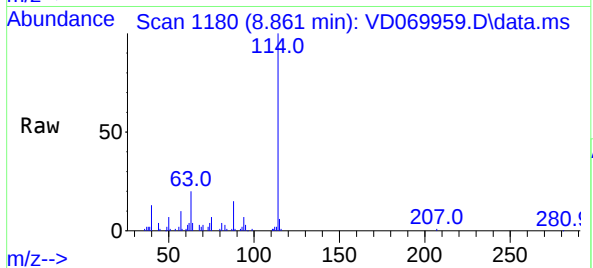


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069959.D
Acq: 03 Aug 2021 11:54

Instrument :
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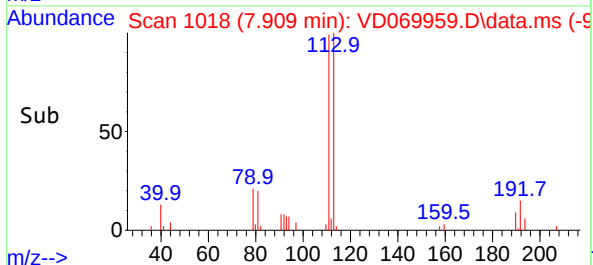
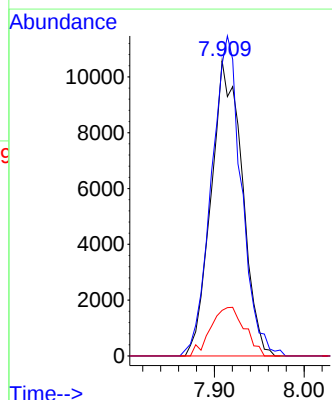
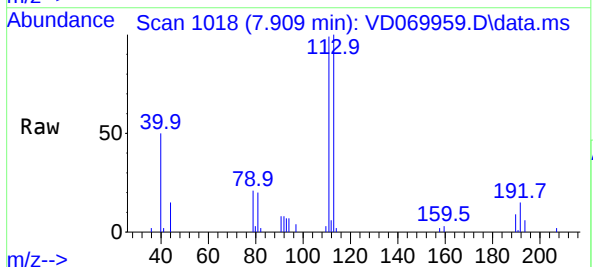
Tgt Ion:	114	Resp:	76720
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	41.6
88	14.9	0.0	31.4



#35

Dibromofluoromethane
Concen: 52.450 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069959.D
Acq: 03 Aug 2021 11:54

Tgt Ion:	113	Resp:	25367
Ion Ratio	Lower	Upper	
113	100		
111	104.6	80.5	120.7
192	18.0	12.6	19.0

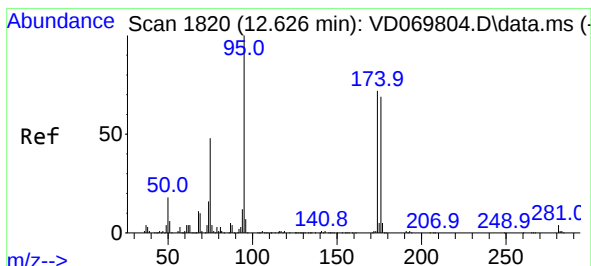
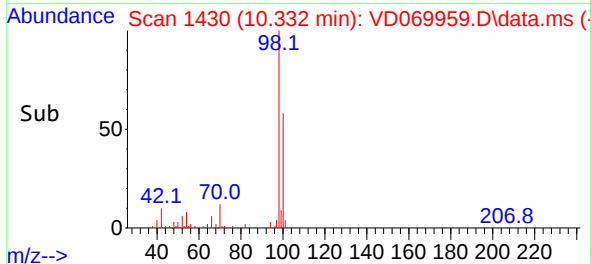
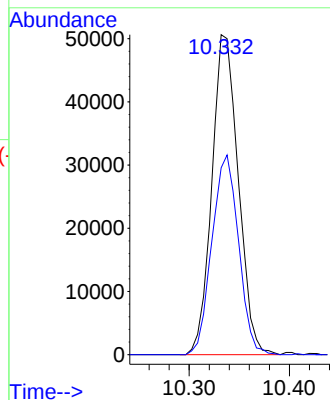
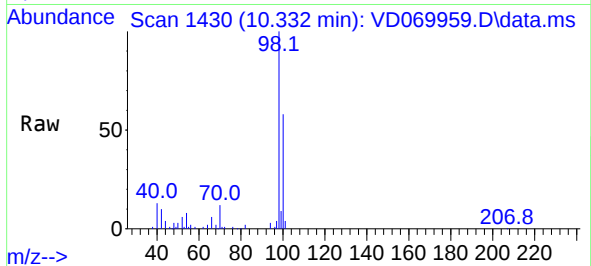




#50
Toluene-d8
Concen: 49.763 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069959.D
Acq: 03 Aug 2021 11:54

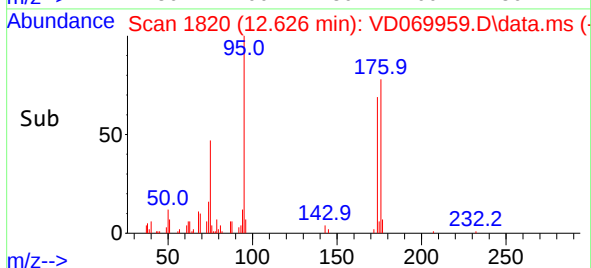
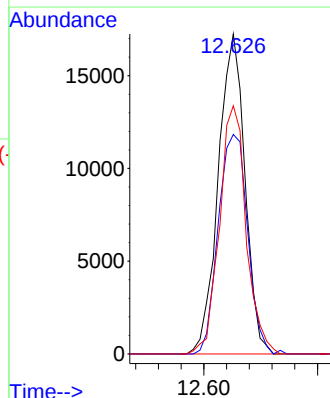
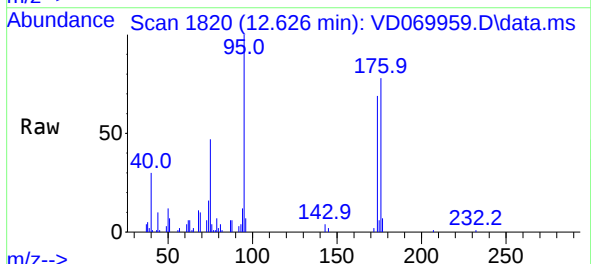
Instrument :
MSVOA_D
ClientSampleId :
OK-03-080221

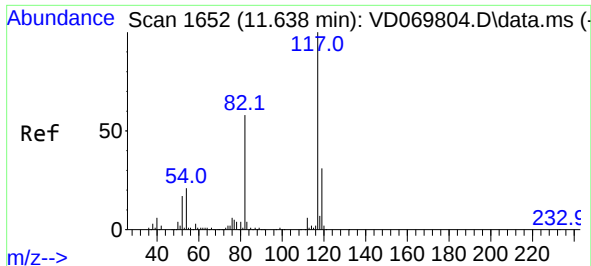
Tgt Ion: 98 Resp: 92802
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.078 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069959.D
Acq: 03 Aug 2021 11:54

Tgt Ion: 95 Resp: 28095
Ion Ratio Lower Upper
95 100
174 75.6 0.0 142.6
176 77.5 0.0 134.2

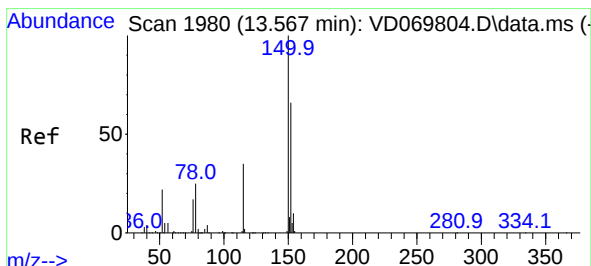
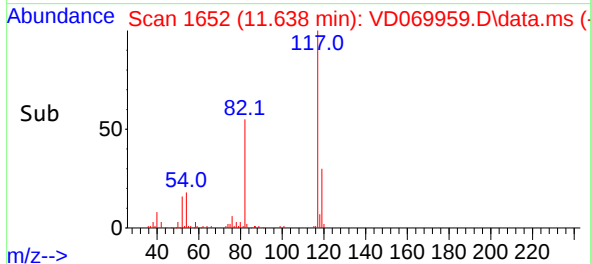
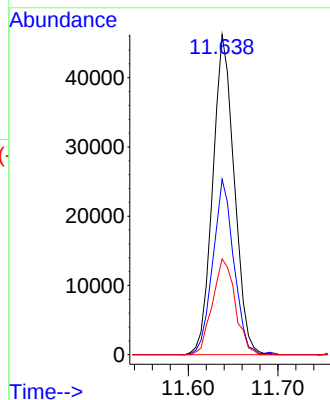
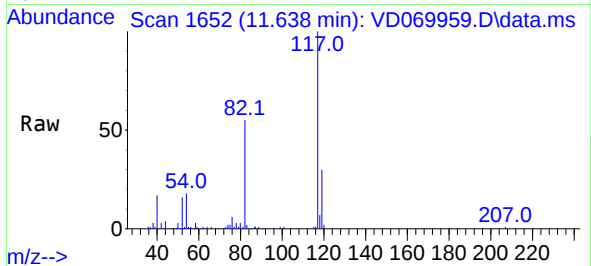




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069959.D
Acq: 03 Aug 2021 11:54

Instrument :
MSVOA_D
ClientSampleId :
OK-03-080221

Tgt Ion:	117	Resp:	77009
Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.3	69.5
119	30.0	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: VD069959.D
Acq: 03 Aug 2021 11:54

Tgt Ion:	152	Resp:	28818
Ion	Ratio	Lower	Upper
152	100		
115	58.9	31.1	93.3
150	165.7	0.0	343.0

