

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068041.D
 Acq On : 07 Jan 2021 18:23
 Operator : VA/SY
 Sample : M1043-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BALL-1

Quant Time: Jan 08 00:17:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	110513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	203825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	218030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	126547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	95519	80.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.08%
35) Dibromofluoromethane	7.920	113	83261	64.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.66%
50) Toluene-d8	10.344	98	262969	54.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.96%
62) 4-Bromofluorobenzene	12.632	95	92524	56.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.06%

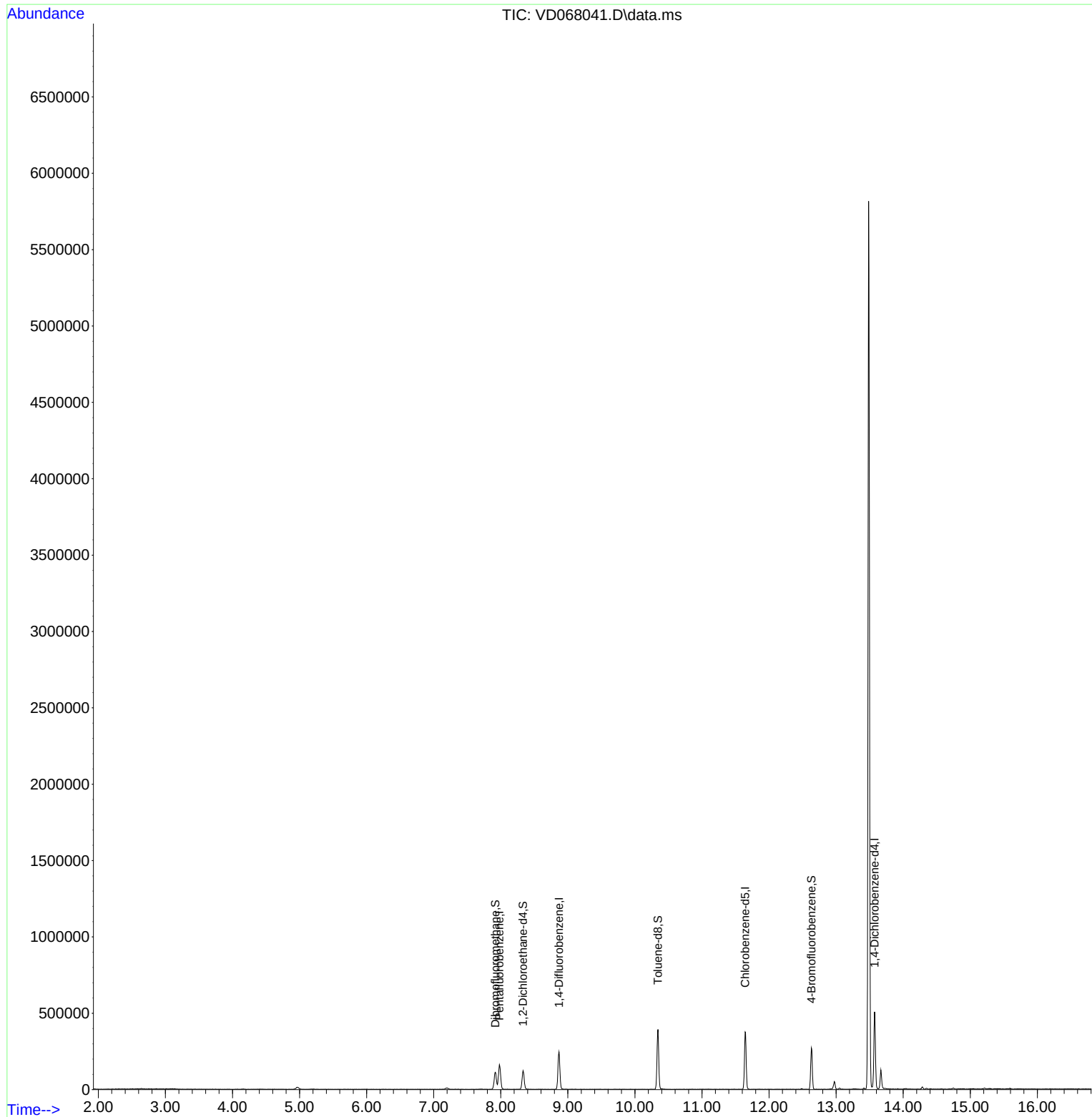
Target Compounds	Qvalue

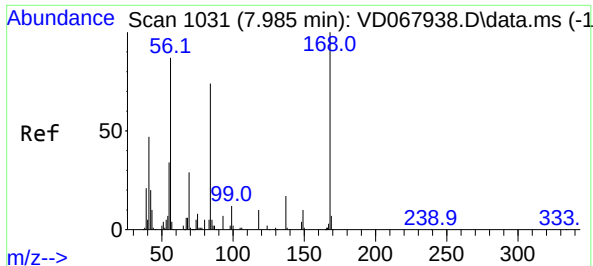
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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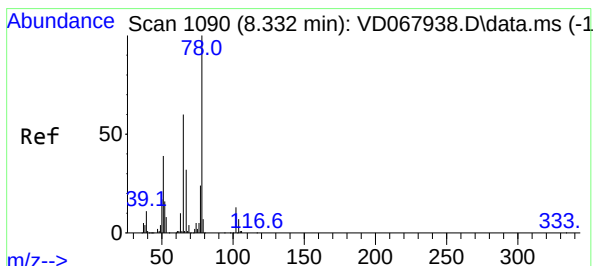
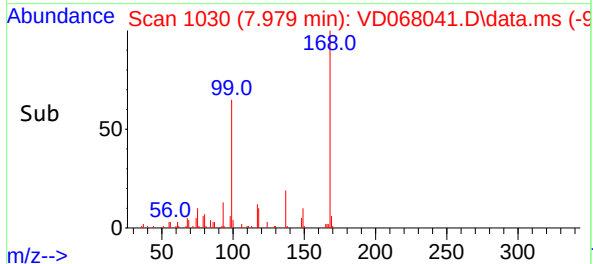
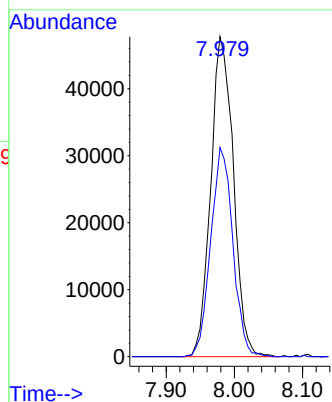
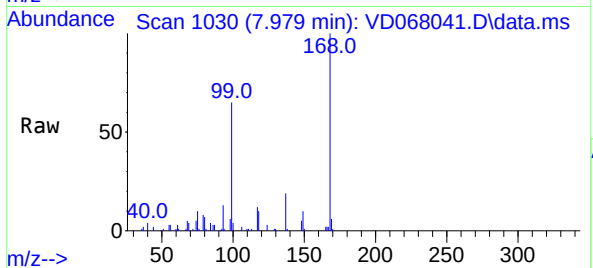




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068041.D
Acq: 07 Jan 2021 18:23

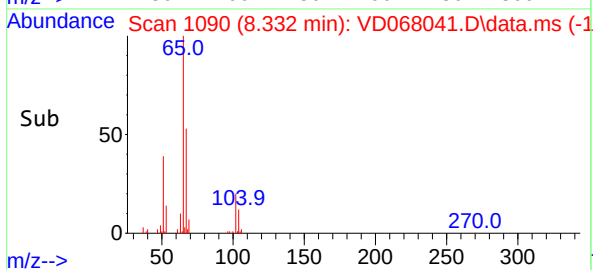
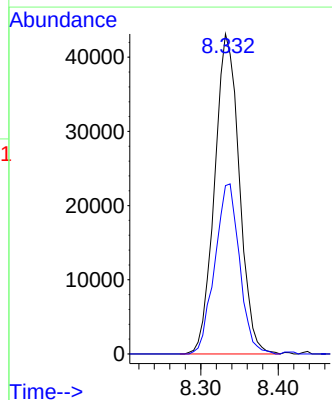
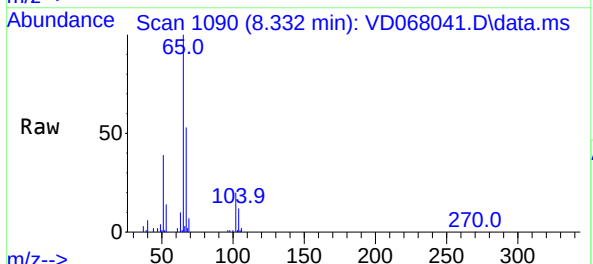
Instrument :
MSVOA_D
ClientSampleId :
BALL-1

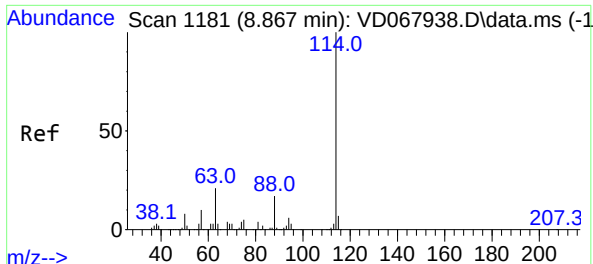
Tgt Ion:168 Resp: 110513
Ion Ratio Lower Upper
168 100
99 65.3 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 80.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068041.D
Acq: 07 Jan 2021 18:23

Tgt Ion: 65 Resp: 95519
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.0





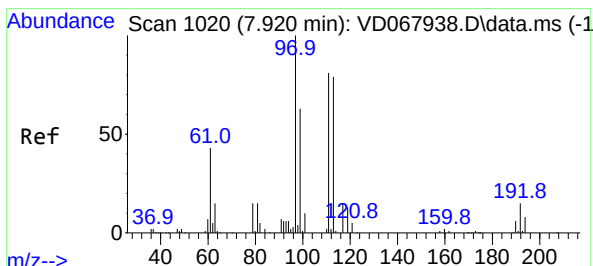
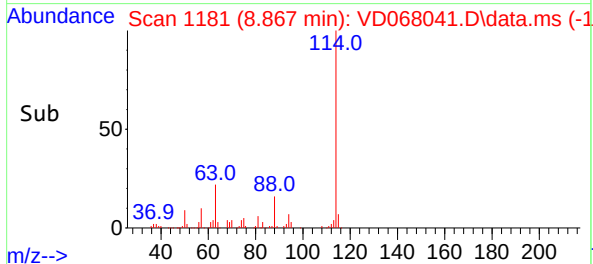
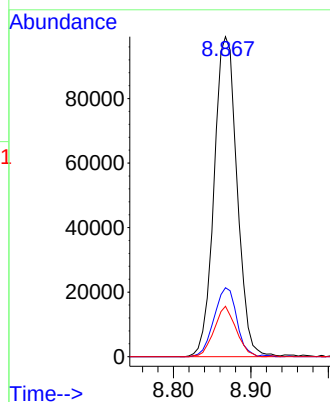
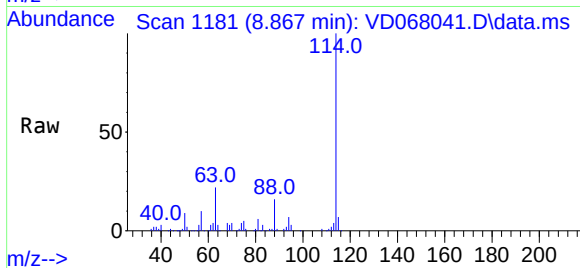
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068041.D
Acq: 07 Jan 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
BALL-1

Tgt Ion:114 Resp: 203825

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.4
88	15.7	0.0	33.2

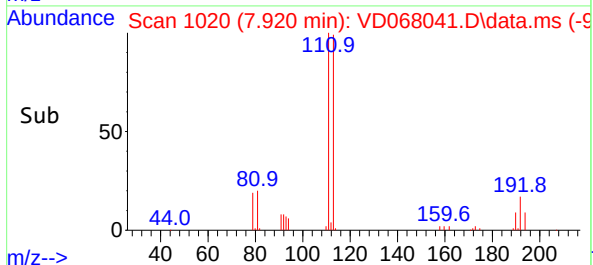
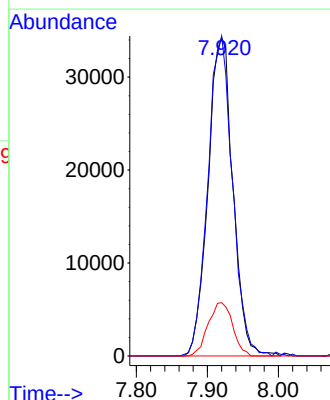
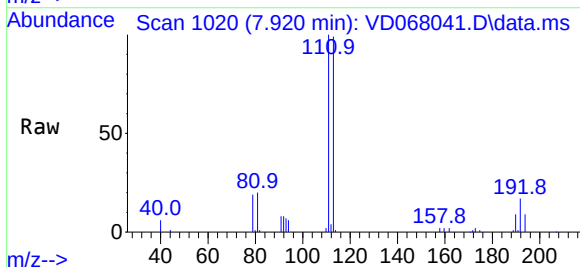


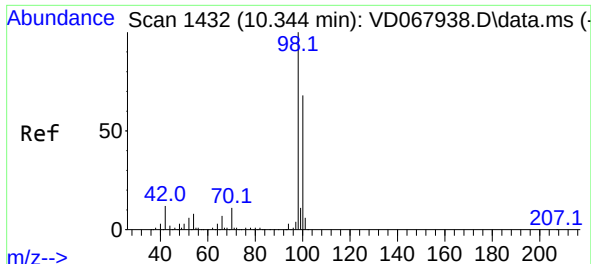
#35

Dibromofluoromethane
Concen: 64.83 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068041.D
Acq: 07 Jan 2021 18:23

Tgt Ion:113 Resp: 83261

Ion	Ratio	Lower	Upper
113	100		
111	99.7	79.3	118.9
192	16.5	14.5	21.7

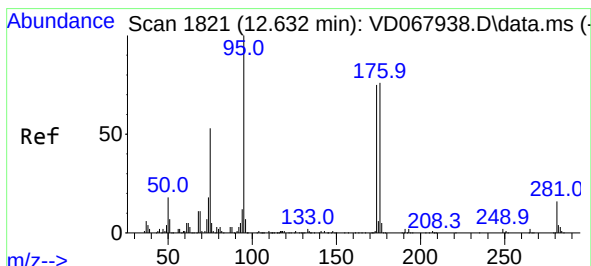
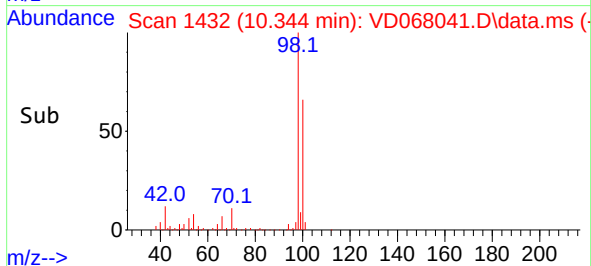
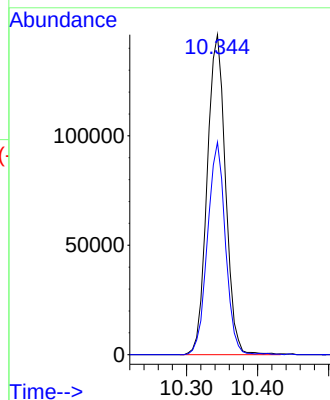
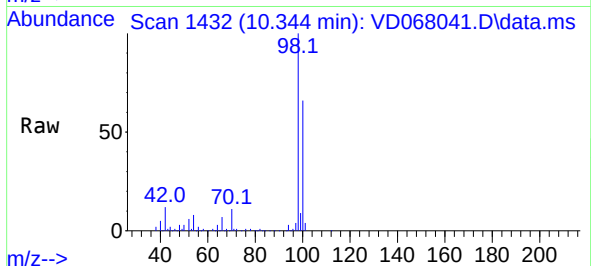




#50
Toluene-d8
Concen: 54.48 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068041.D
Acq: 07 Jan 2021 18:23

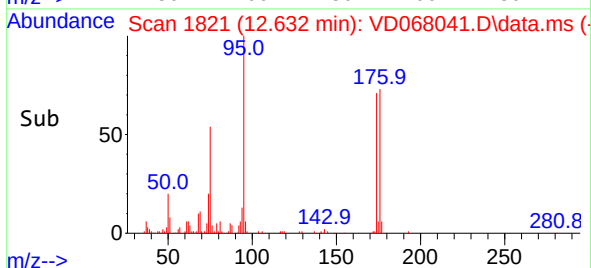
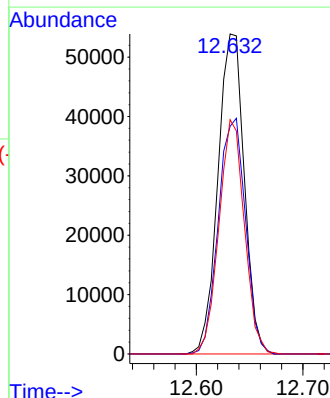
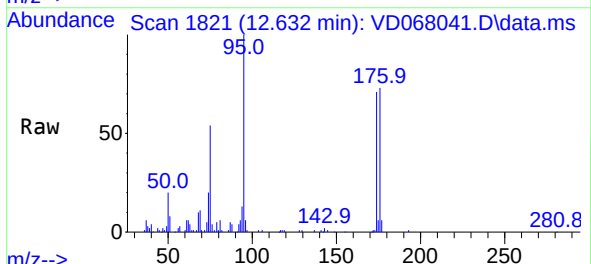
Instrument :
MSVOA_D
ClientSampleId :
BALL-1

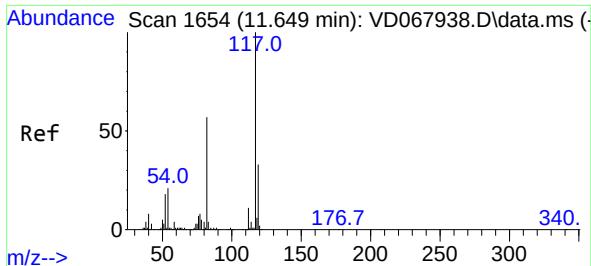
Tgt Ion: 98 Resp: 262969
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068041.D
Acq: 07 Jan 2021 18:23

Tgt Ion: 95 Resp: 92524
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.6
176 70.7 0.0 151.2



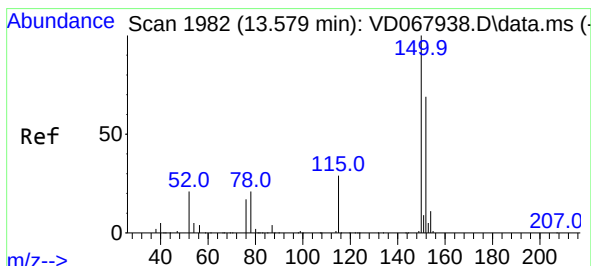
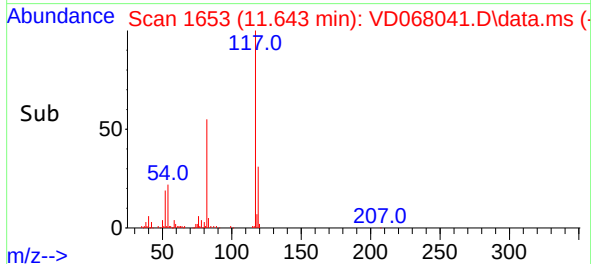
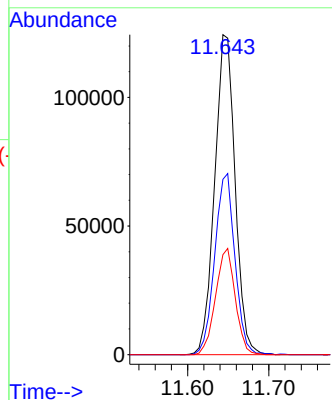
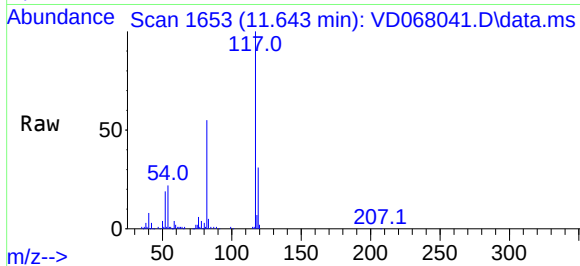


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068041.D
Acq: 07 Jan 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
BALL-1

Tgt Ion:117 Resp: 218030

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.4	68.0
119	31.3	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068041.D
Acq: 07 Jan 2021 18:23

Tgt Ion:152 Resp: 126547

Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.3	88.0
150	154.8	0.0	340.0

