

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068032.D
 Acq On : 07 Jan 2021 14:18
 Operator : VA/SY
 Sample : M1044-02
 Misc : 5.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Jan 08 00:15:03 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	7.985	168	297640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	572884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	572104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	251446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192987	60.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.08%	
35) Dibromofluoromethane	7.914	113	188728	52.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.56%	
50) Toluene-d8	10.344	98	736746	54.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.60%	
62) 4-Bromofluorobenzene	12.632	95	249975	53.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.72%	

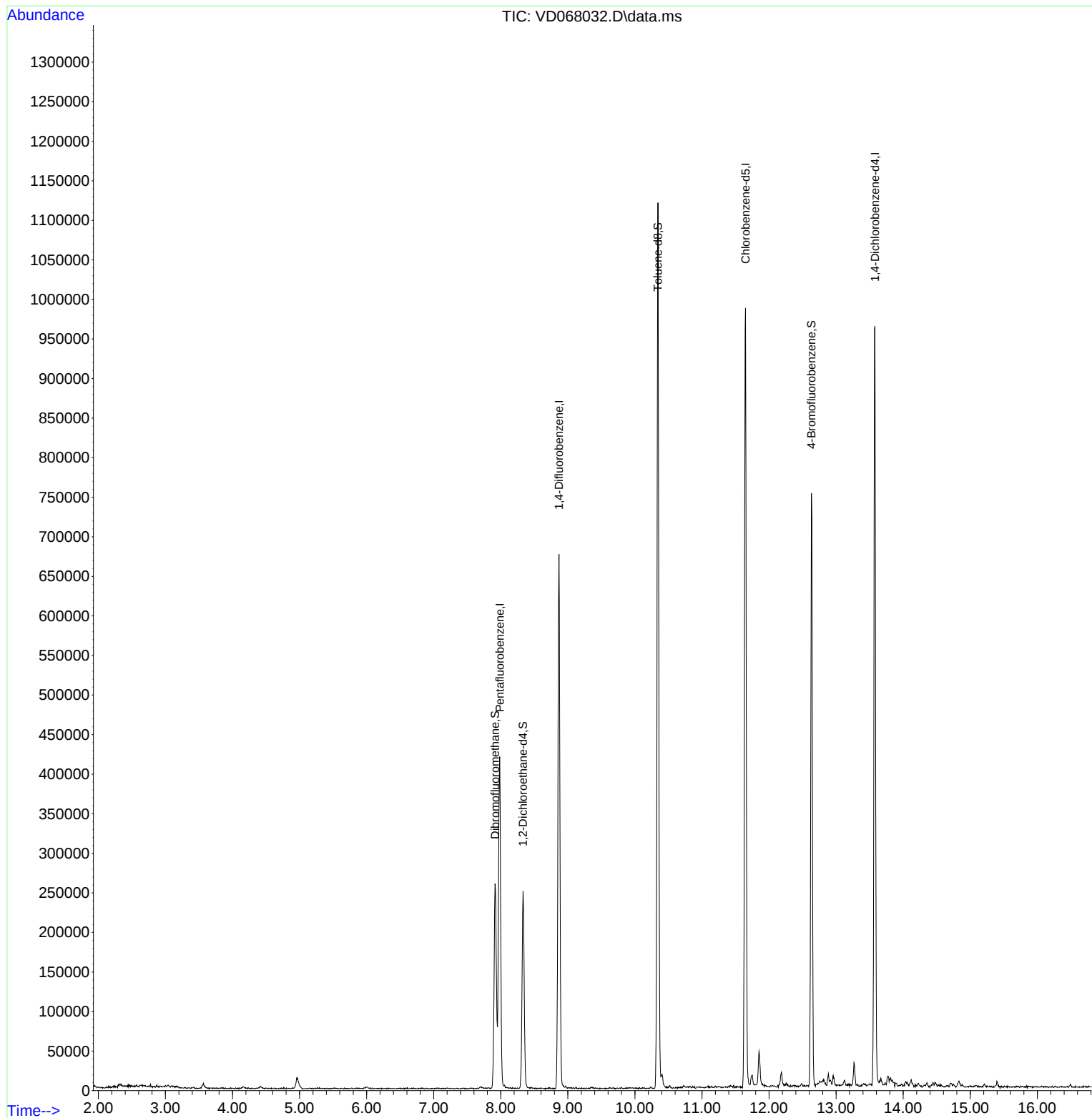
Target Compounds	Qvalue

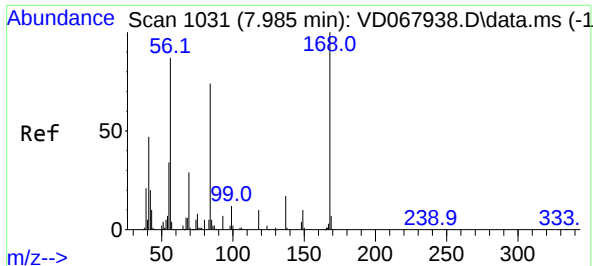
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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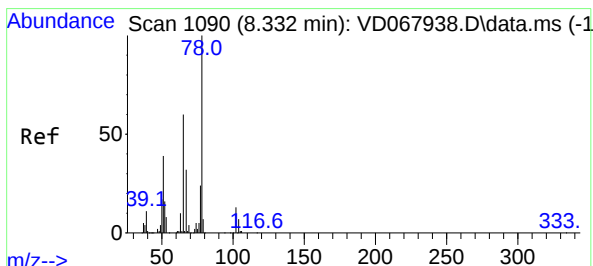
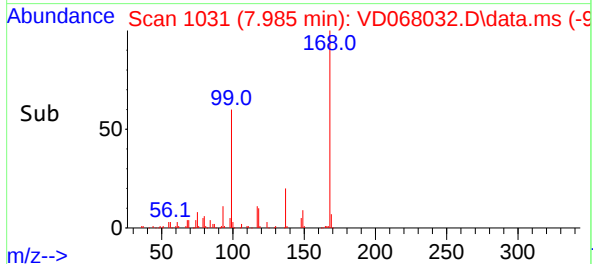
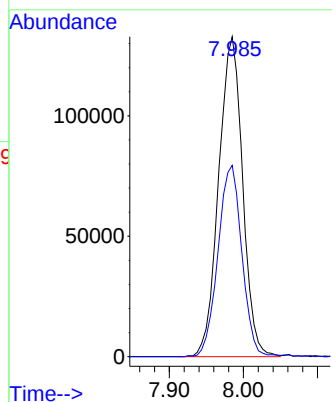
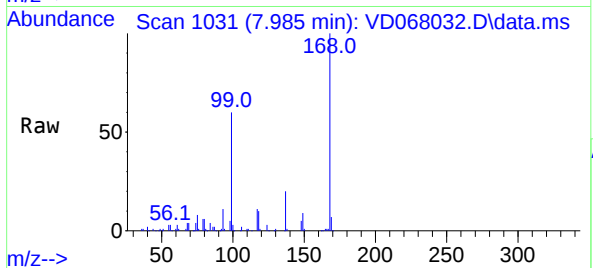




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068032.D
Acq: 07 Jan 2021 14:18

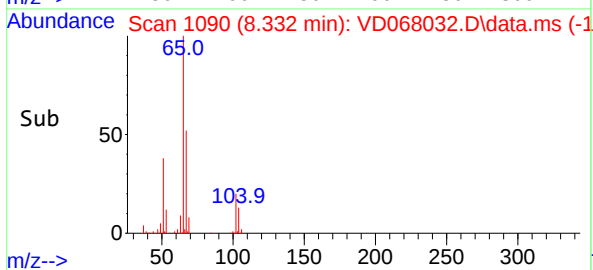
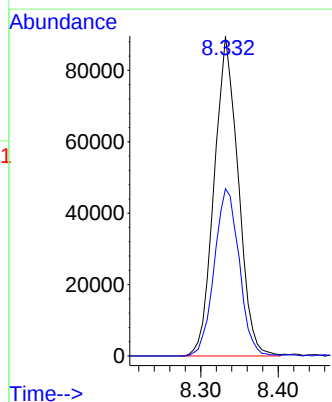
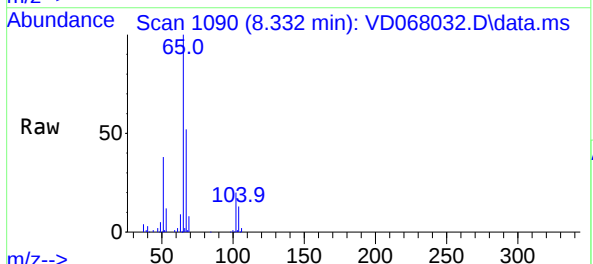
Instrument :
MSVOA_D
ClientSampleId :
TP-2

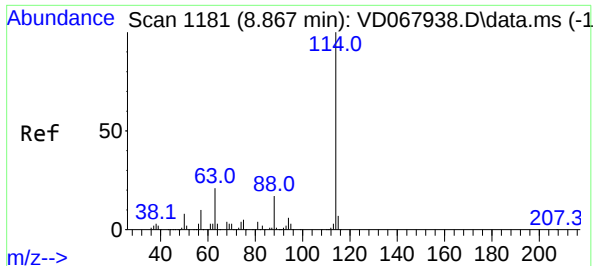
Tgt Ion:168 Resp: 297640
Ion Ratio Lower Upper
168 100
99 59.8 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 60.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068032.D
Acq: 07 Jan 2021 14:18

Tgt Ion: 65 Resp: 192987
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.0





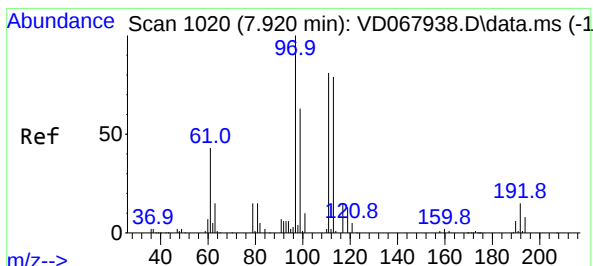
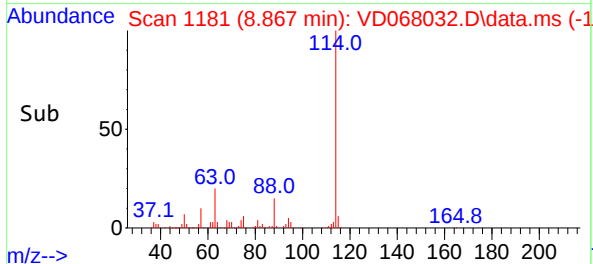
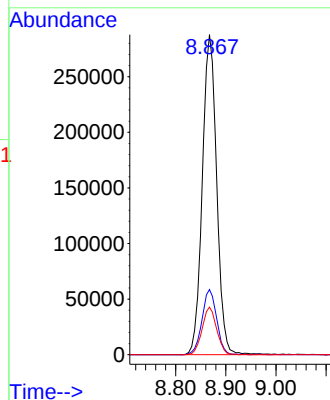
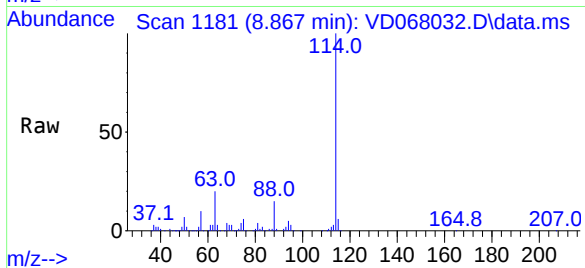
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068032.D
Acq: 07 Jan 2021 14:18

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion:114 Resp: 572884

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	14.9	0.0	33.2

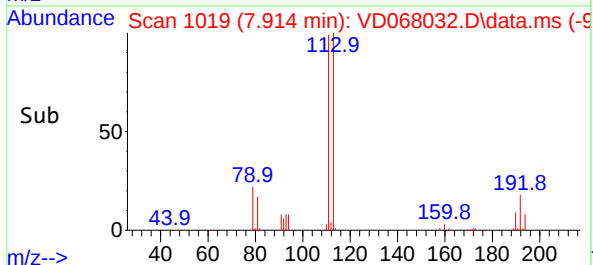
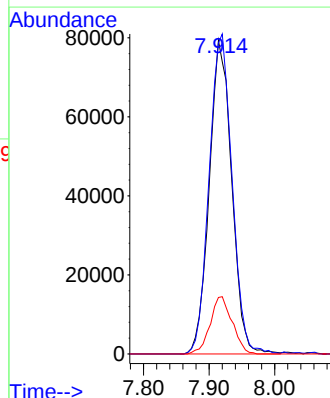
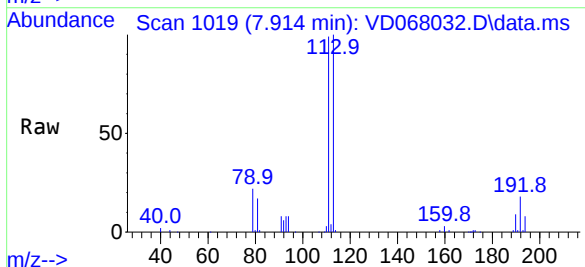


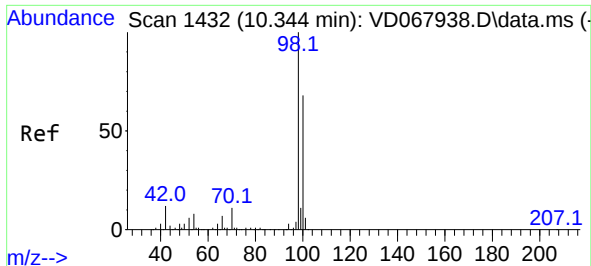
#35

Dibromofluoromethane
Concen: 52.28 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068032.D
Acq: 07 Jan 2021 14:18

Tgt Ion:113 Resp: 188728

Ion	Ratio	Lower	Upper
113	100		
111	104.0	79.3	118.9
192	18.0	14.5	21.7

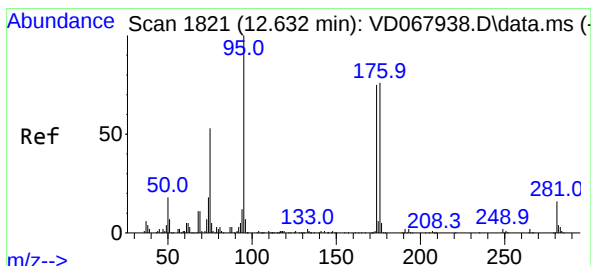
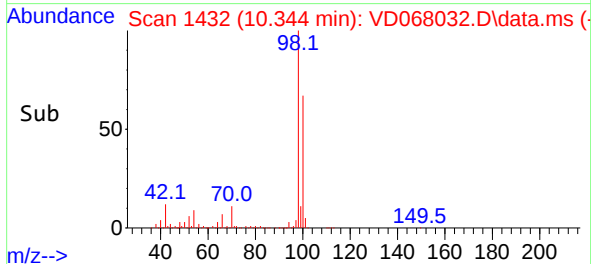
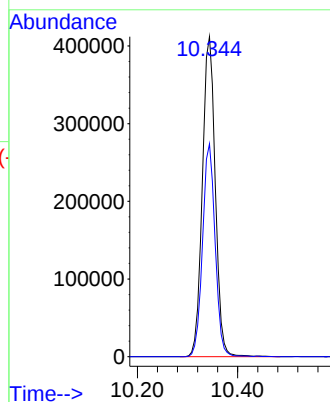
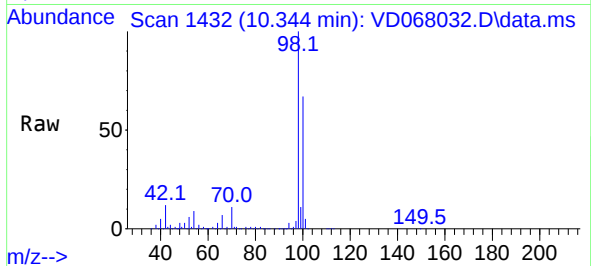




#50
Toluene-d8
Concen: 54.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068032.D
Acq: 07 Jan 2021 14:18

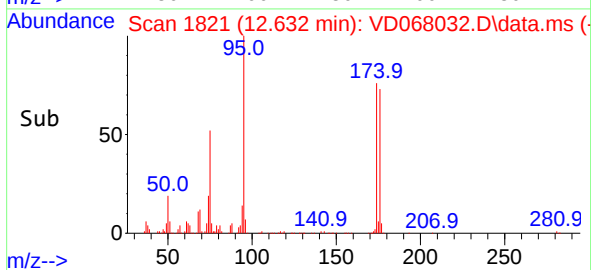
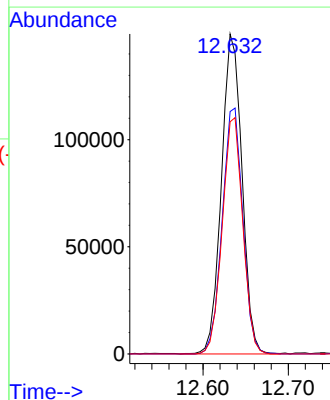
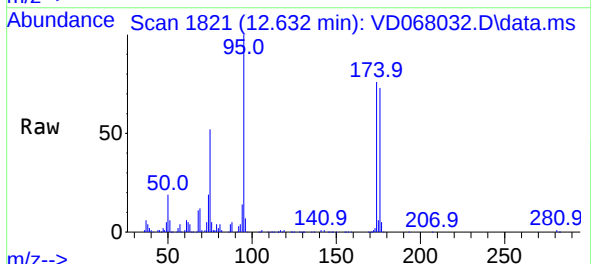
Instrument :
MSVOA_D
ClientSampleId :
TP-2

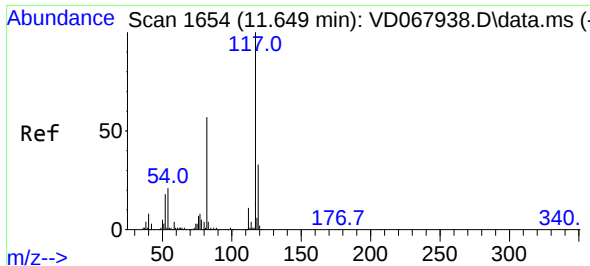
Tgt Ion: 98 Resp: 736746
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.86 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068032.D
Acq: 07 Jan 2021 14:18

Tgt Ion: 95 Resp: 249975
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.6
176 73.6 0.0 151.2



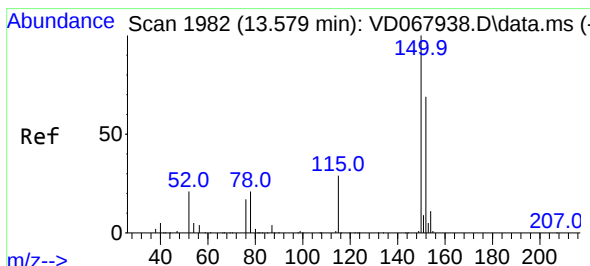
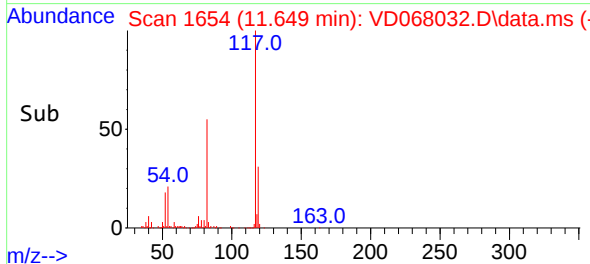
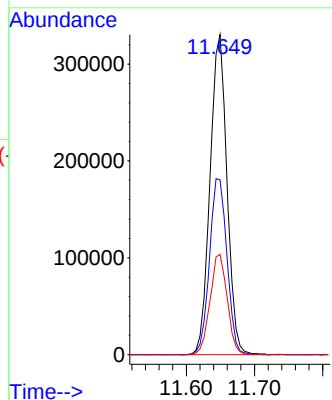
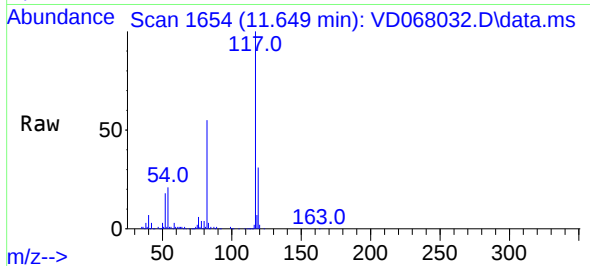


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068032.D
Acq: 07 Jan 2021 14:18

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion:117 Resp: 572104

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.0
119	31.4	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068032.D
Acq: 07 Jan 2021 14:18

Tgt Ion:152 Resp: 251446

Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.3	88.0
150	158.3	0.0	340.0

