

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068405.D
 Acq On : 19 Feb 2021 17:27
 Operator : VA/SY
 Sample : M1452-21
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Feb 19 23:32:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	368925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	696597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	638117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	254287	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	219464	58.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.38%
35) Dibromofluoromethane	7.920	113	217387	52.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.16%
50) Toluene-d8	10.344	98	891125	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.632	95	272320	48.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.56%

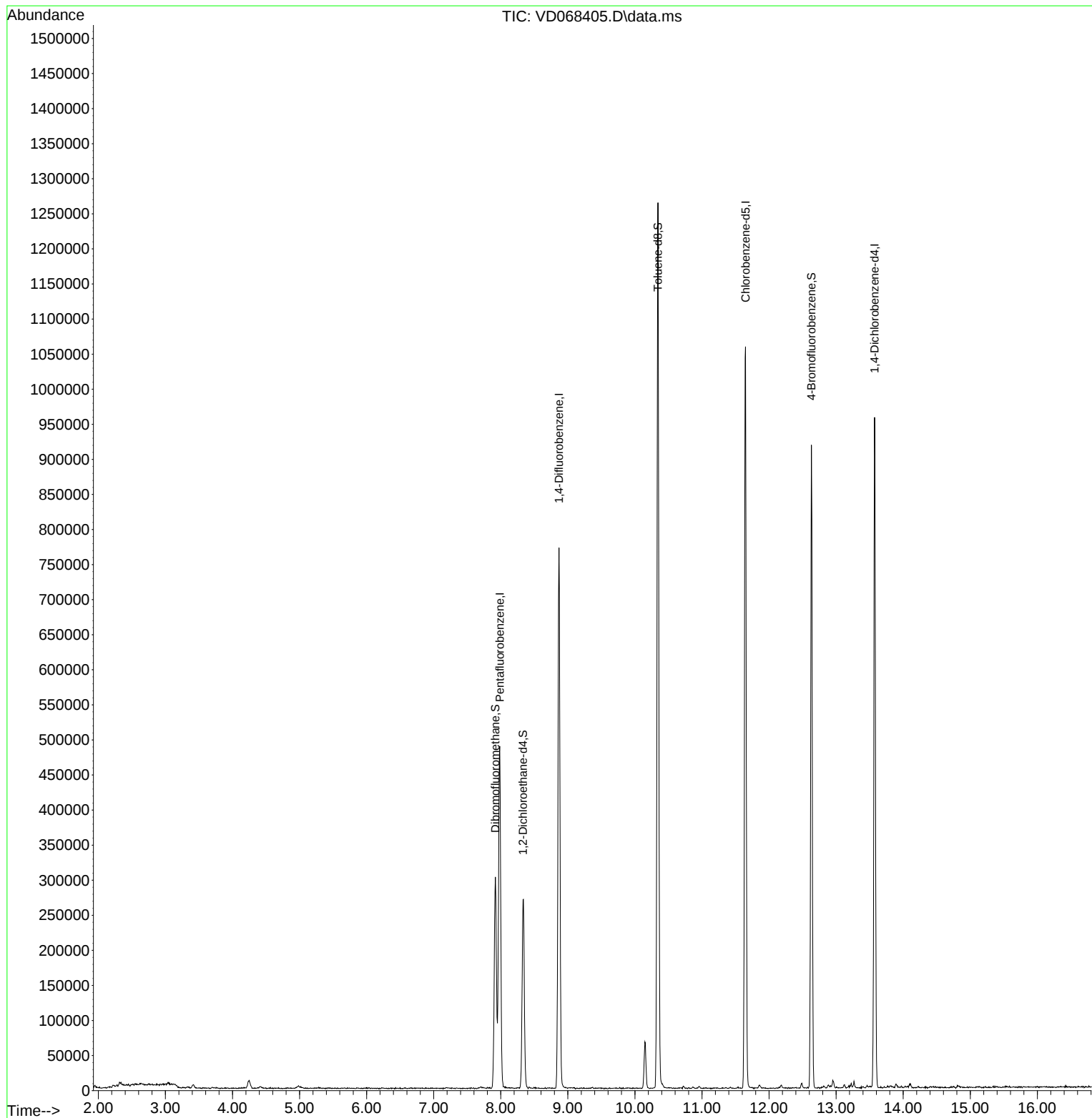
Target Compounds	Qvalue

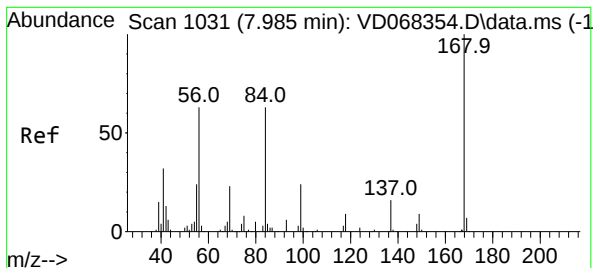
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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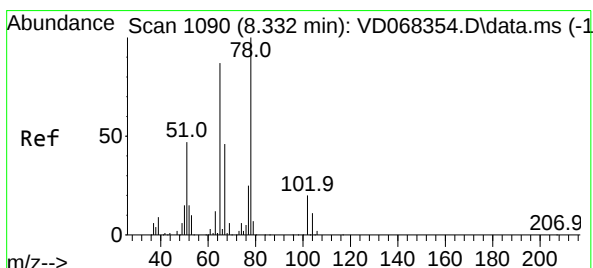
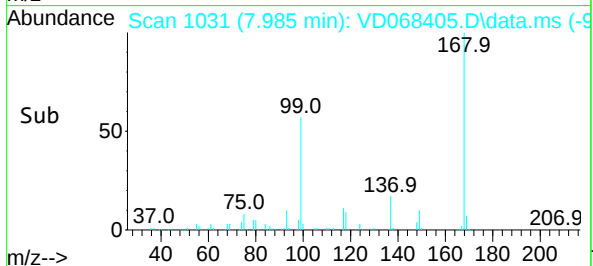
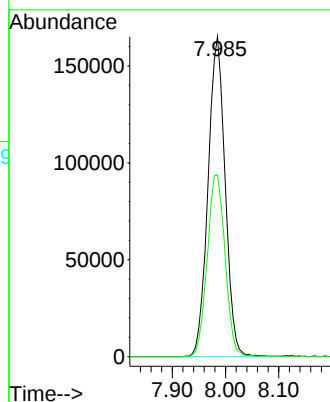
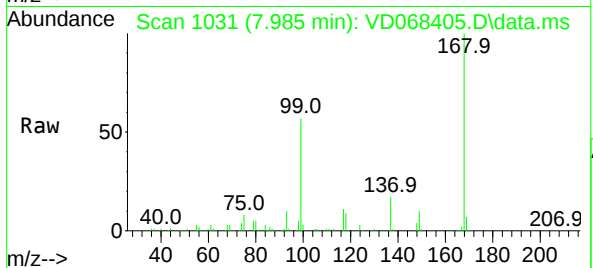




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

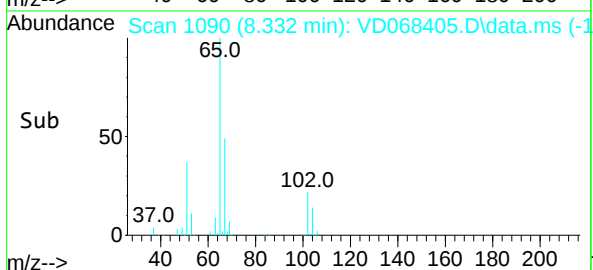
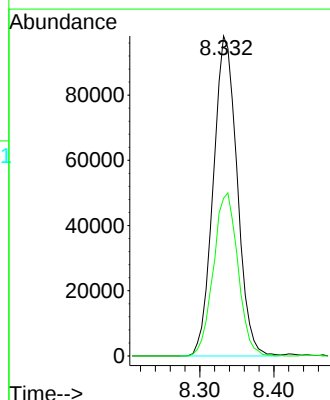
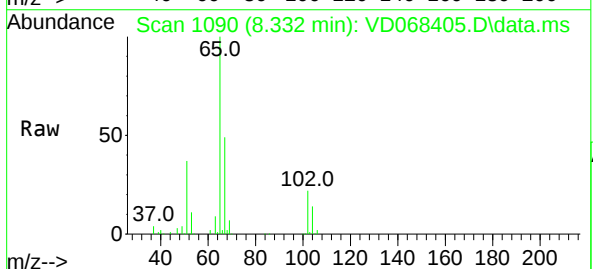
Instrument :
MSVOA_D
ClientSampleId :
TP-6

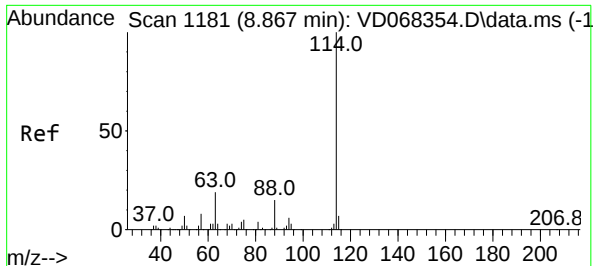
Tgt Ion:168 Resp: 368925
Ion Ratio Lower Upper
168 100
99 56.8 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 58.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion: 65 Resp: 219464
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0



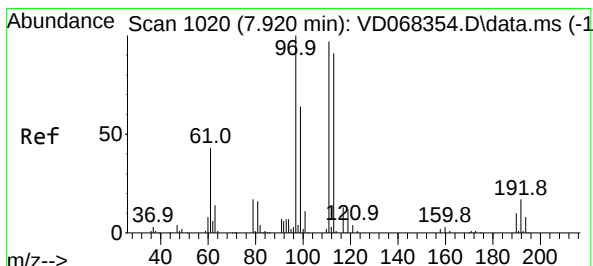
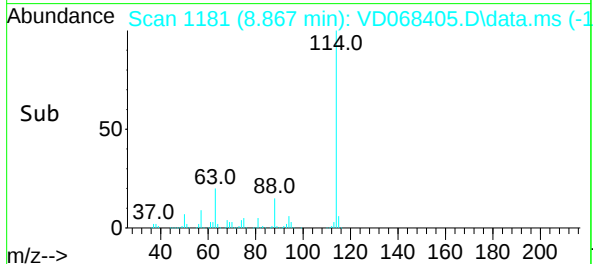
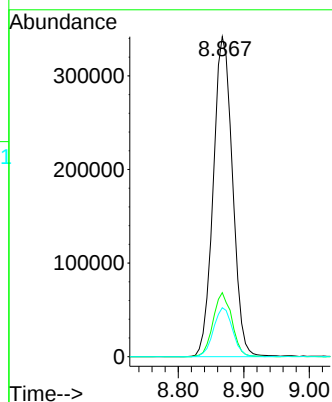
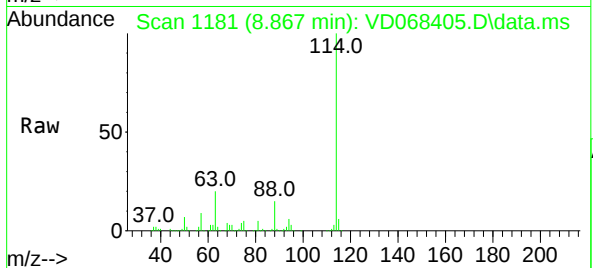


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Instrument :
MSVOA_D
ClientSampled :
TP-6

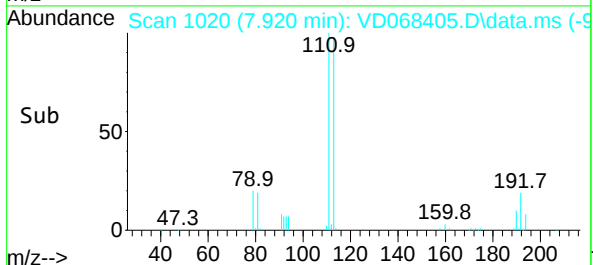
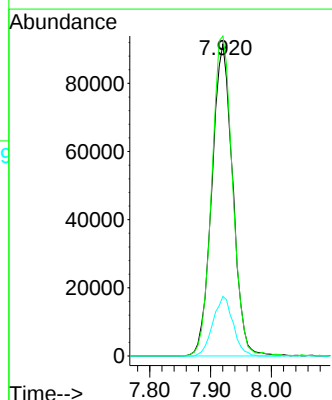
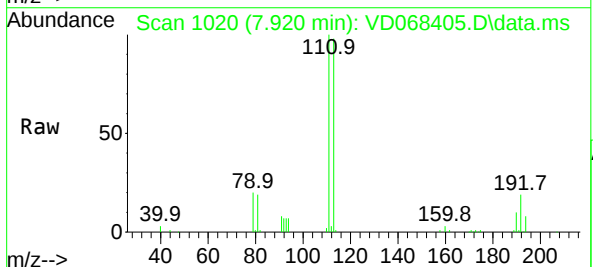
Tgt Ion:	114	Resp:	696597
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	34.8
88	15.3	0.0	31.6

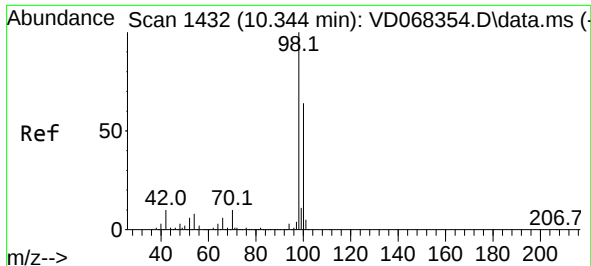


#35

Dibromofluoromethane
Concen: 52.58 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion:	113	Resp:	217387
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	18.4	16.1	24.1

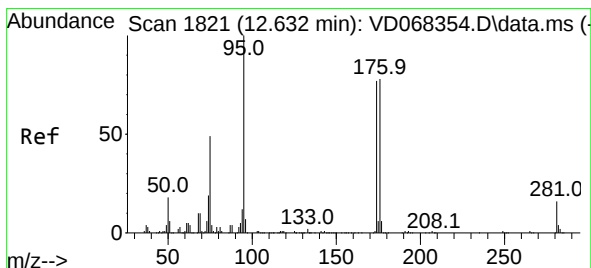
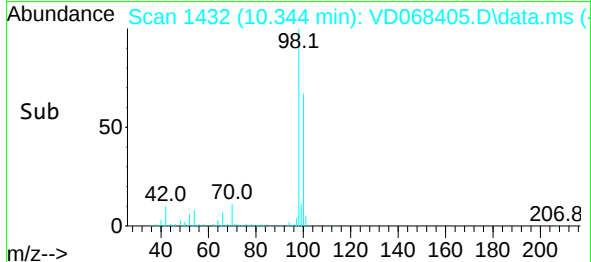
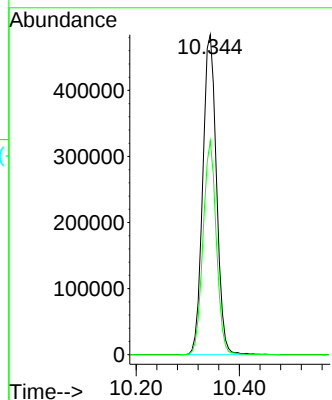
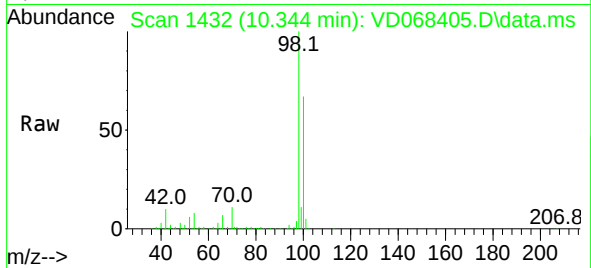




#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

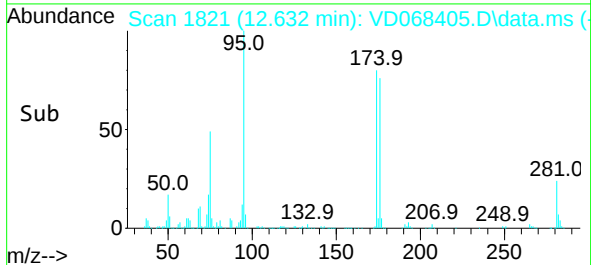
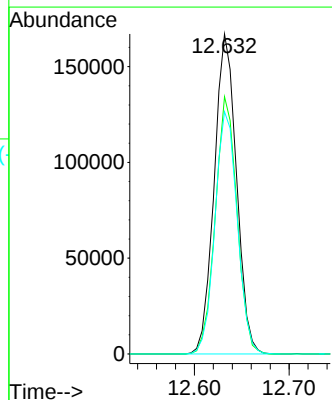
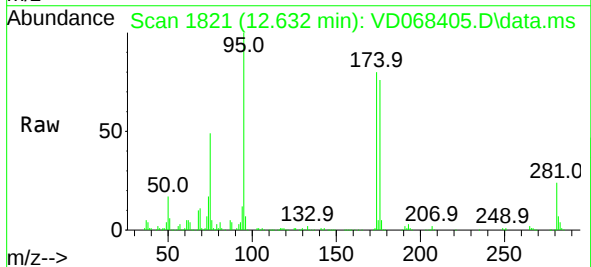
Instrument :
MSVOA_D
ClientSampled :
TP-6

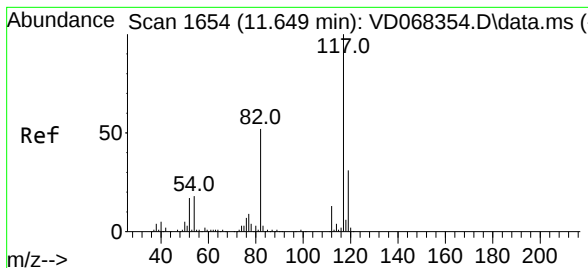
Tgt Ion: 98 Resp: 891125
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion: 95 Resp: 272320
Ion Ratio Lower Upper
95 100
174 78.4 0.0 172.4
176 76.0 0.0 168.4

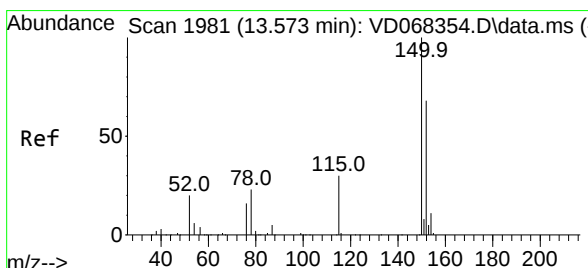
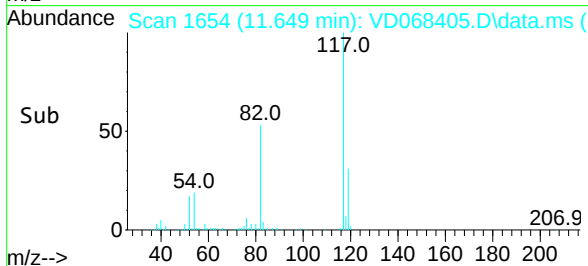
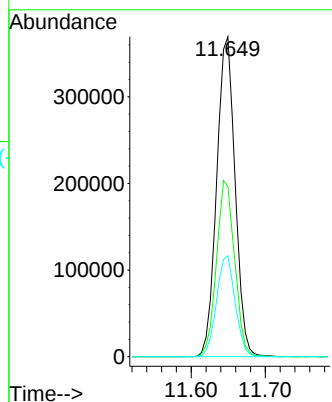
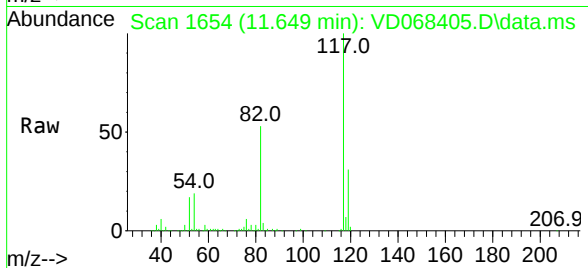




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Instrument :
MSVOA_D
ClientSampled :
TP-6

Tgt Ion:117 Resp: 638117
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.0
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068405.D
Acq: 19 Feb 2021 17:27

Tgt Ion:152 Resp: 254287
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 159.5 0.0 344.4

