

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068400.D
 Acq On : 19 Feb 2021 15:11
 Operator : VA/SY
 Sample : M1452-01
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 19 23:31:09 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	384161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	734925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	674027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	280745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	224809	57.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.48%
35) Dibromofluoromethane	7.914	113	224877	51.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.10%
50) Toluene-d8	10.344	98	949752	52.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.06%
62) 4-Bromofluorobenzene	12.632	95	291572	49.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.02%

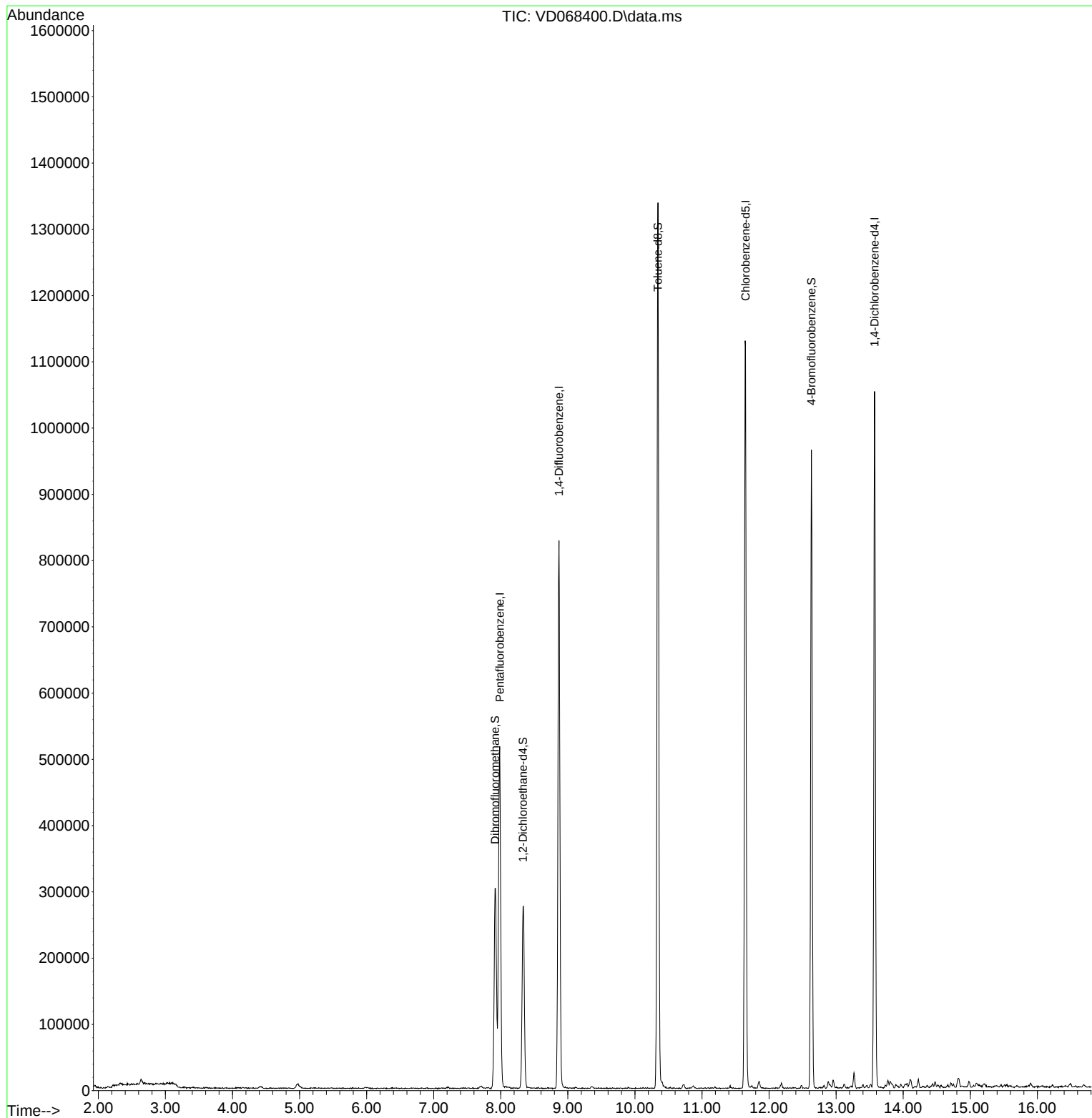
Target Compounds	Qvalue

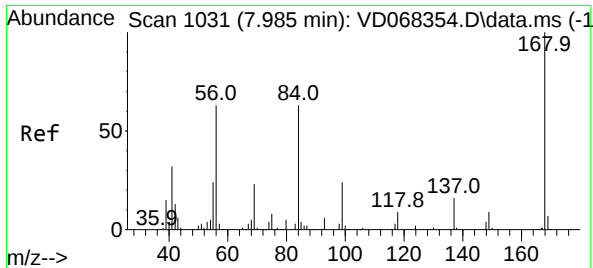
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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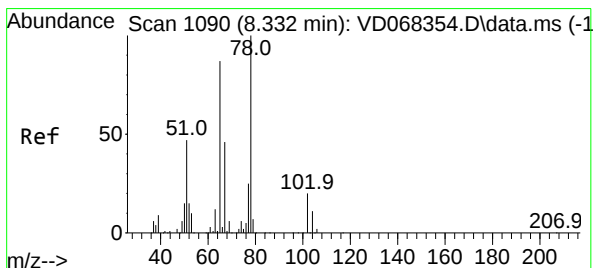
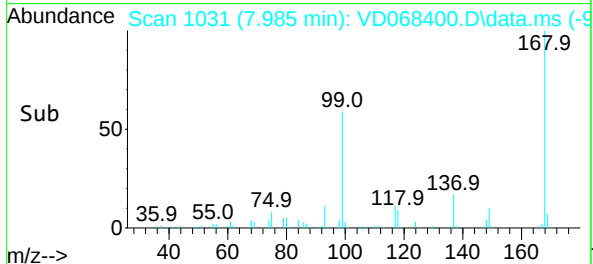
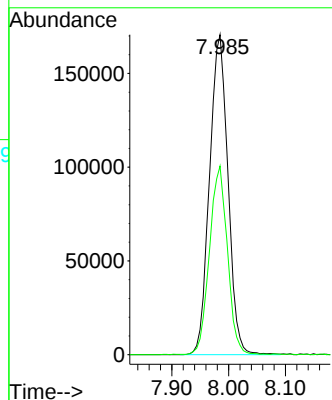
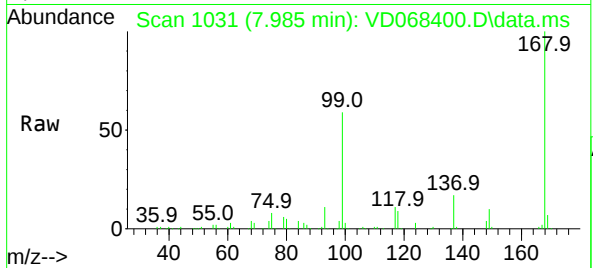




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

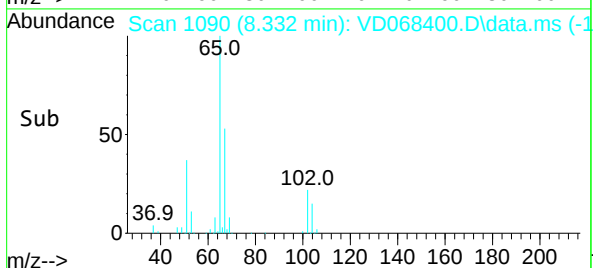
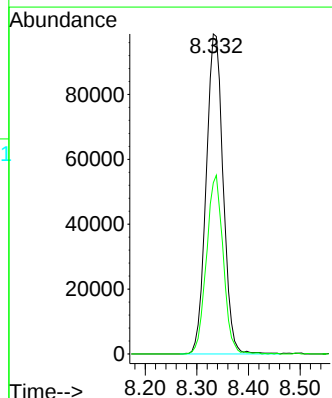
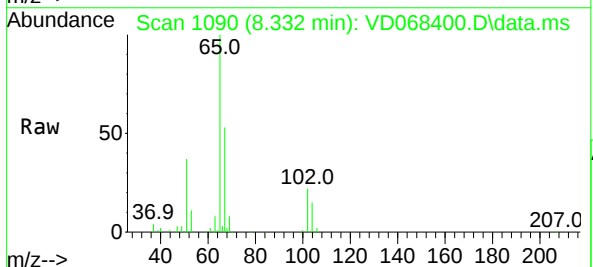
Instrument :
MSVOA_D
ClientSampleId :
TP-1

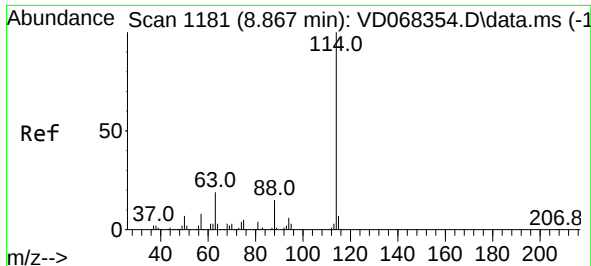
Tgt Ion:168 Resp: 384161
Ion Ratio Lower Upper
168 100
99 58.8 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 57.24 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion: 65 Resp: 224809
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.0



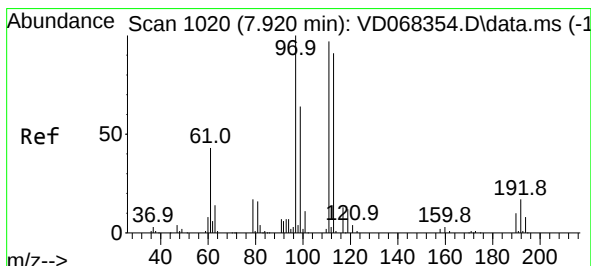
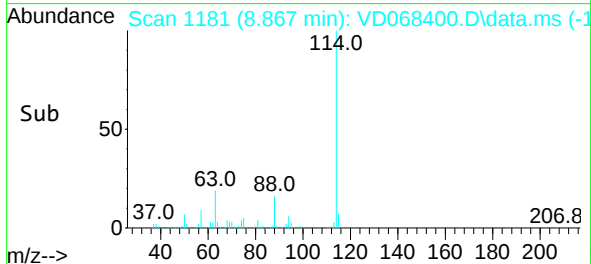
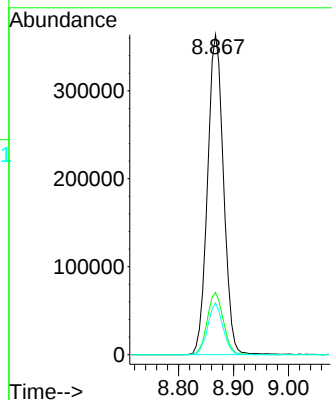
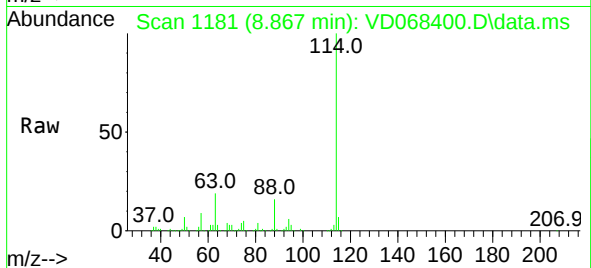


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampled :
TP-1

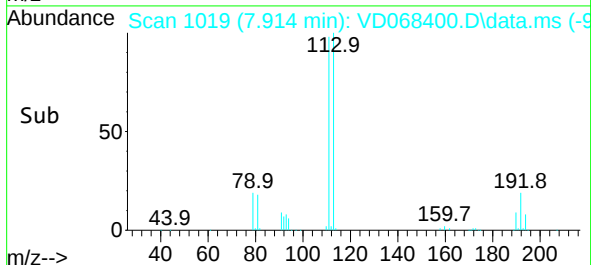
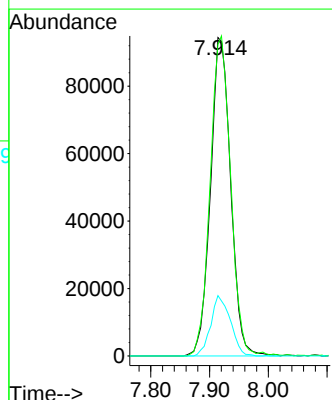
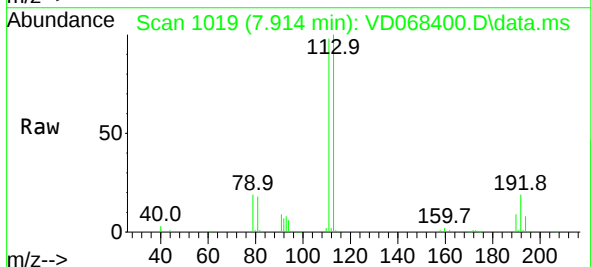
Tgt Ion:	114	Resp:	734925
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	34.8
88	16.2	0.0	31.6

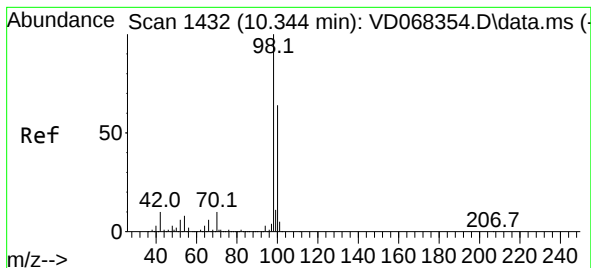


#35

Dibromofluoromethane
Concen: 51.55 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion:	113	Resp:	224877
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	18.4	16.1	24.1

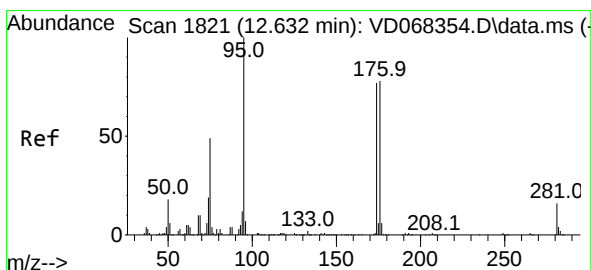
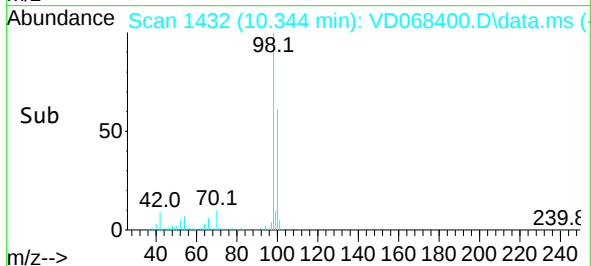
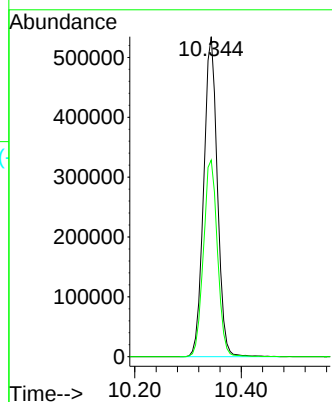
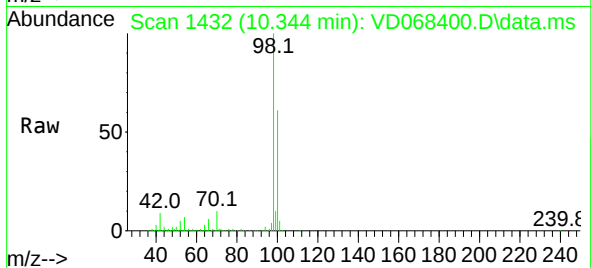




#50
Toluene-d8
Concen: 52.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

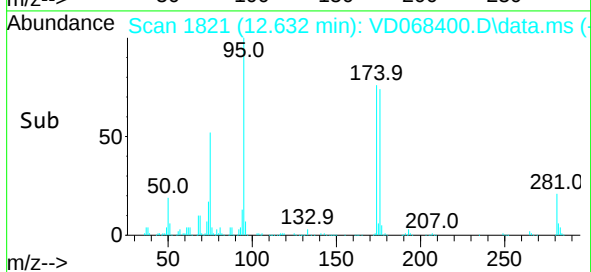
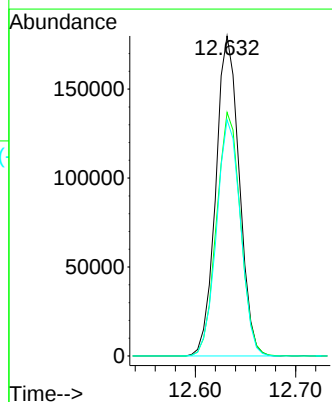
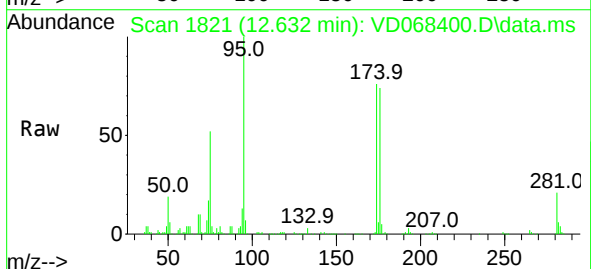
Instrument :
MSVOA_D
ClientSampled :
TP-1

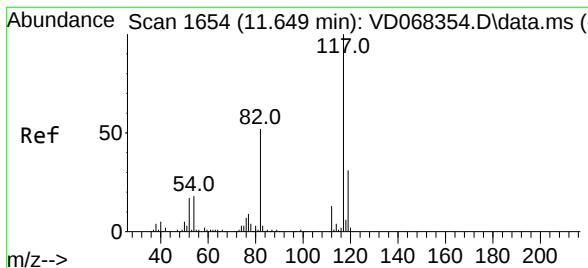
Tgt Ion: 98 Resp: 949752
Ion Ratio Lower Upper
98 100
100 63.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion: 95 Resp: 291572
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 75.1 0.0 168.4

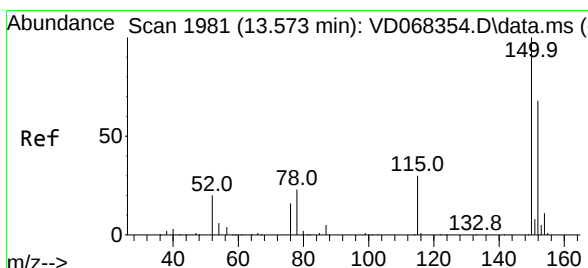
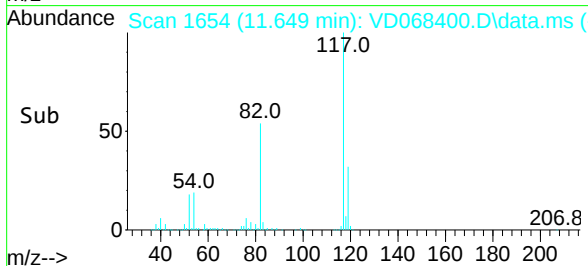
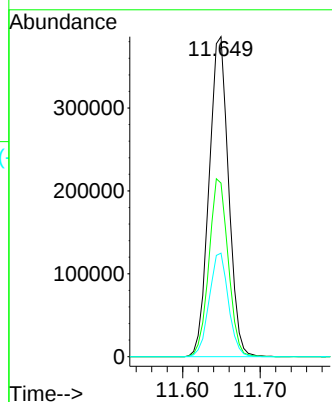
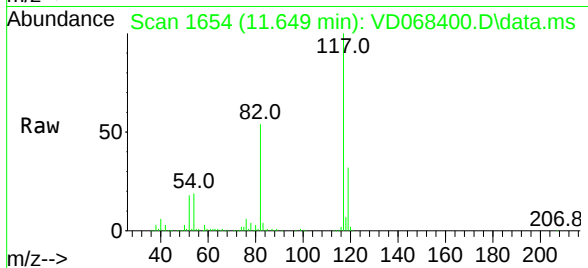




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068400.D
Acq: 19 Feb 2021 15:11

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tgt Ion:	117	Resp:	674027
Ion Ratio	Lower	Upper	
117	100		
82	54.2	41.4	62.0
119	32.4	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: VD068400.D
Acq: 19 Feb 2021 15:11

Tgt Ion:	152	Resp:	280745
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.9	86.8
150	159.7	0.0	344.4

