

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069031.D
 Acq On : 29 Apr 2021 21:16
 Operator : VA/SY
 Sample : M2224-01
 Misc : 5.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-042921

Quant Time: Apr 30 02:58:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	313008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	698107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	388224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	128152	38.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.48%
35) Dibromofluoromethane	7.914	113	164361	47.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.30%
50) Toluene-d8	10.338	98	693718	53.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.62%
62) 4-Bromofluorobenzene	12.632	95	347990	80.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	161.04%#

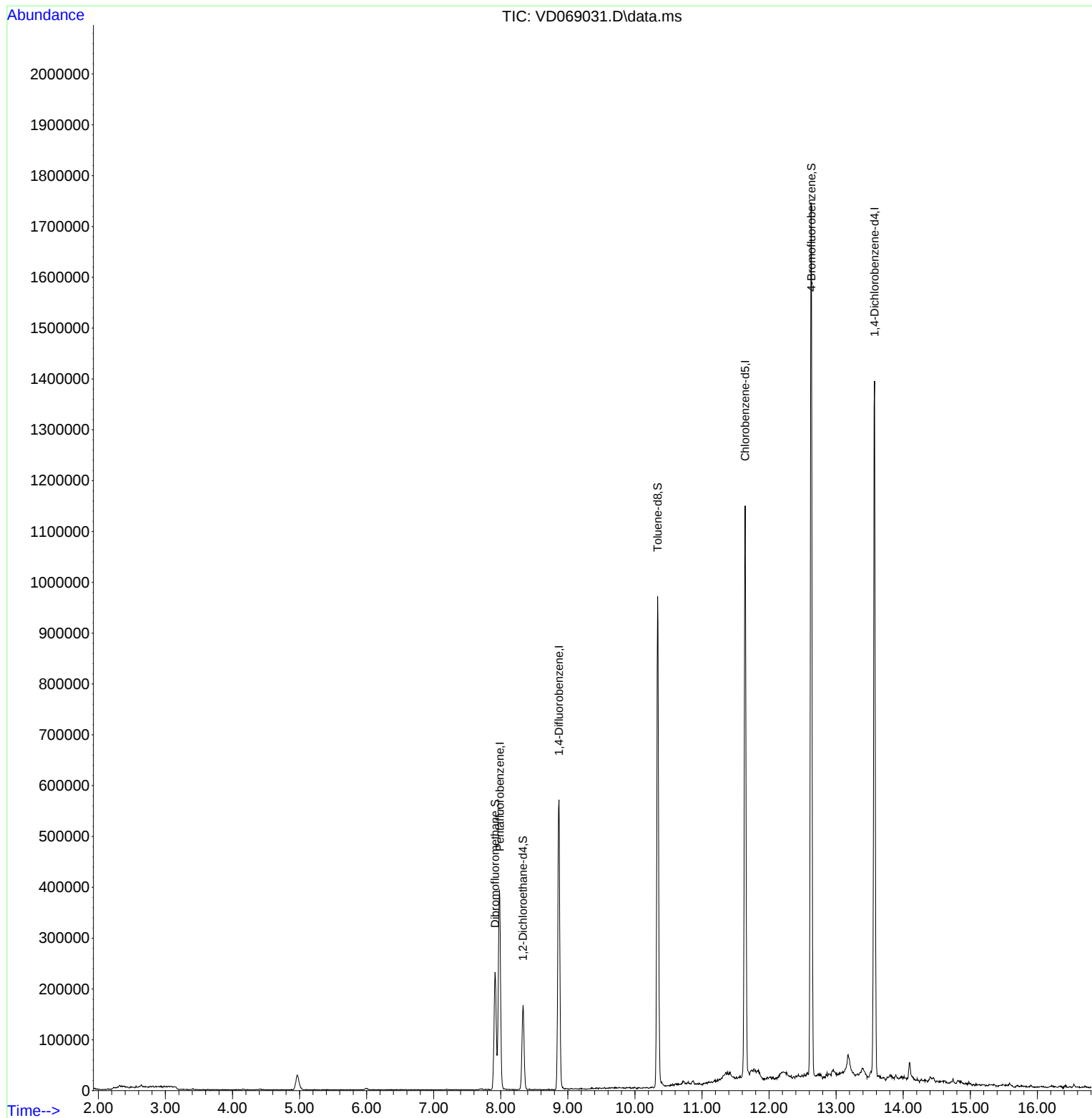
Target Compounds	Qvalue

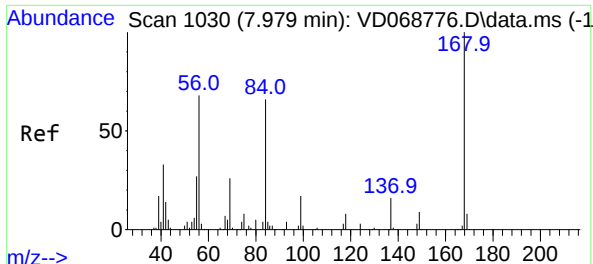
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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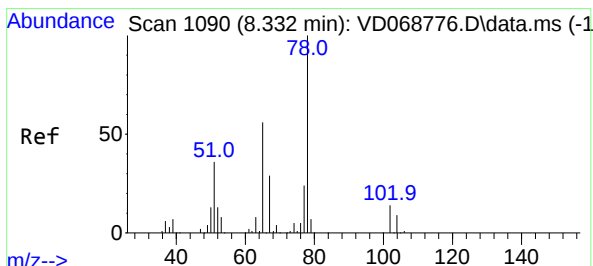
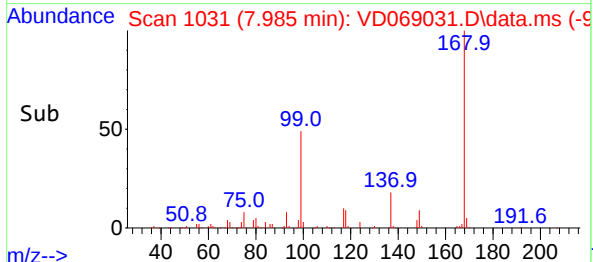
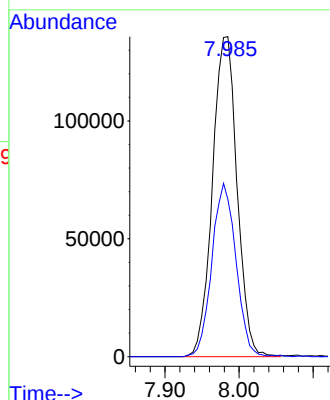
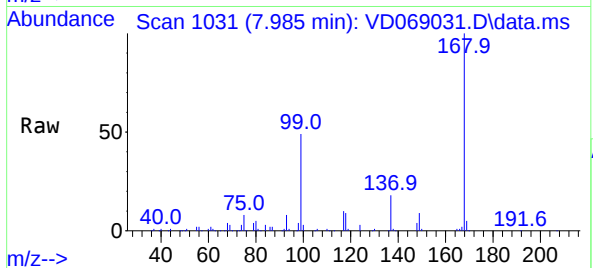




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

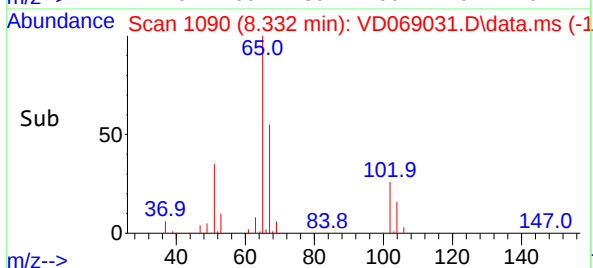
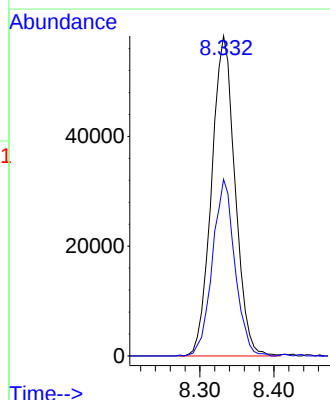
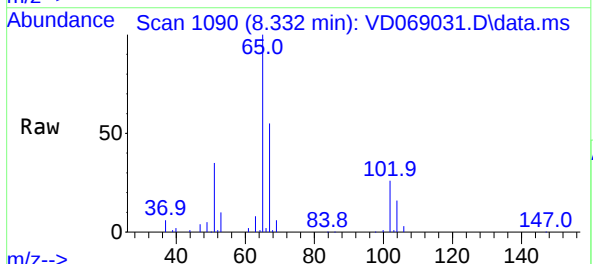
Instrument :
MSVOA_D
ClientSampleId :
CL-01-042921

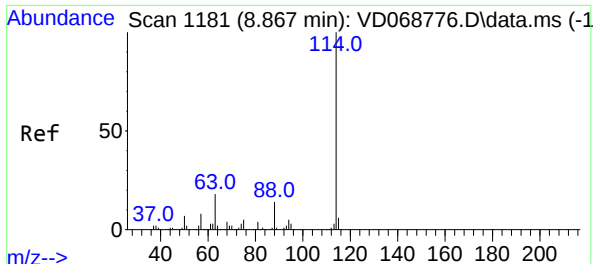
Tgt Ion:168 Resp: 313008
Ion Ratio Lower Upper
168 100
99 49.1 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 38.74 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 65 Resp: 128152
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0



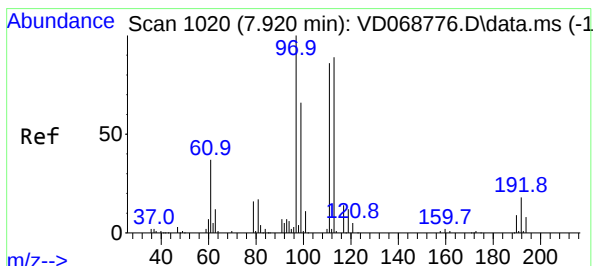
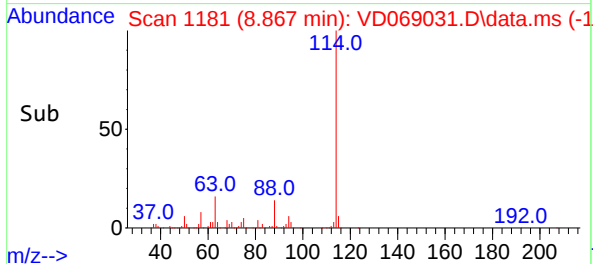
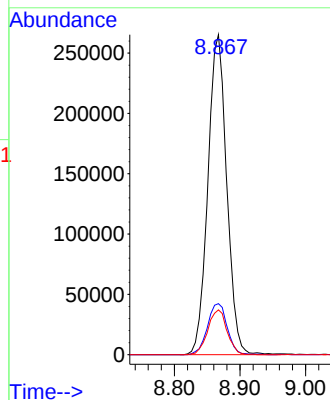
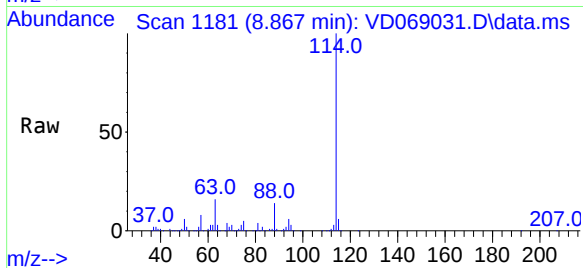


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Instrument :
MSVOA_D
ClientSampleId :
CL-01-042921

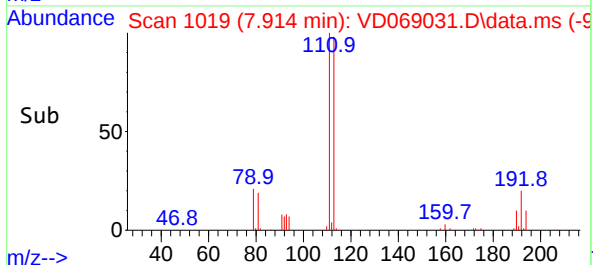
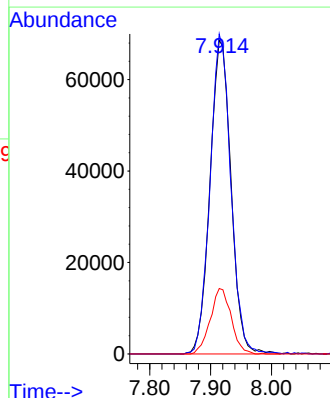
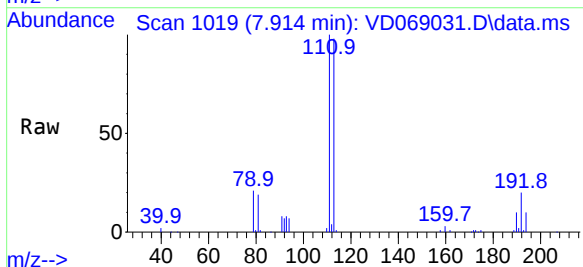
Tgt Ion:	114	Resp:	530309
Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	38.2
88	14.0	0.0	29.4

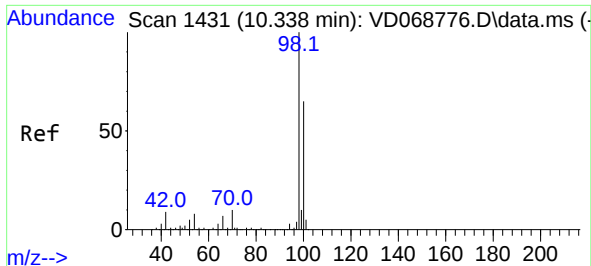


#35

Dibromofluoromethane
Concen: 47.65 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion:	113	Resp:	164361
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.5	123.7
192	20.7	15.1	22.7

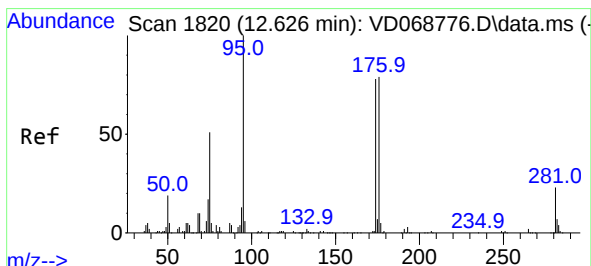
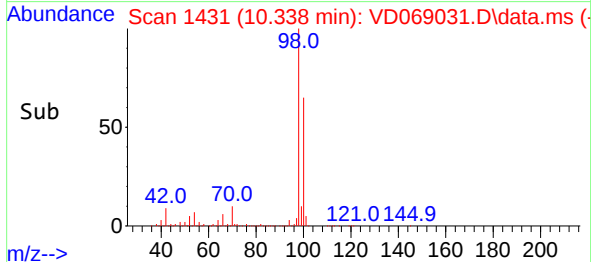
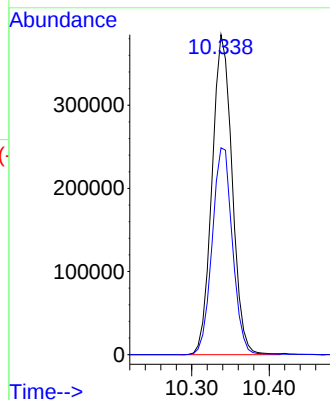
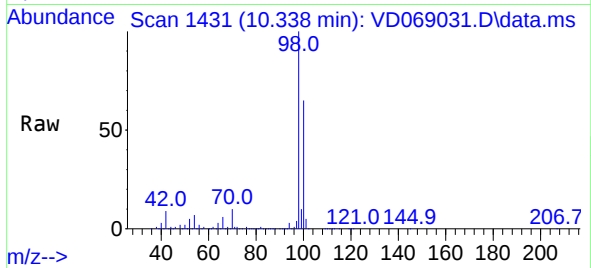




#50
Toluene-d8
Concen: 53.31 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

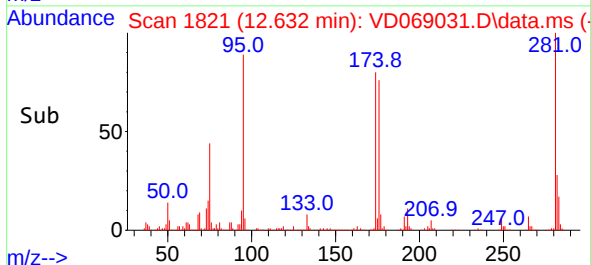
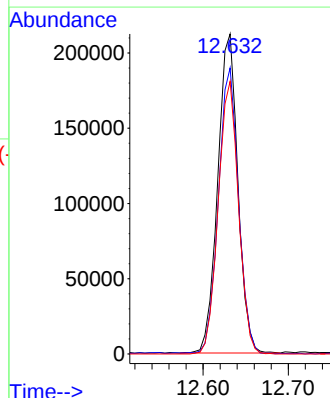
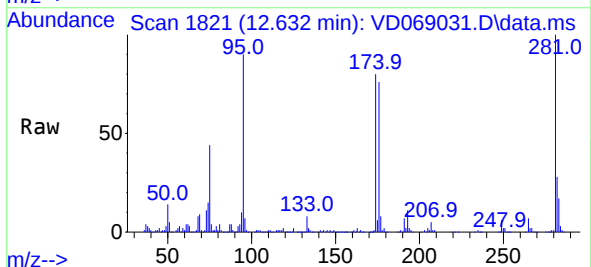
Instrument :
MSVOA_D
ClientSampleId :
CL-01-042921

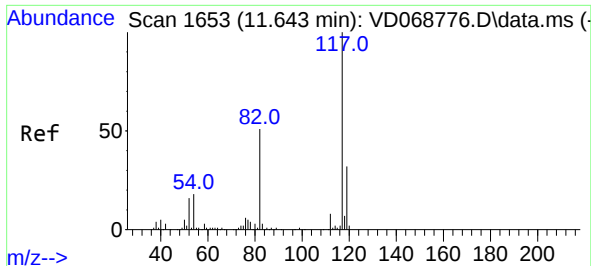
Tgt Ion: 98 Resp: 693718
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 80.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 95 Resp: 347990
Ion Ratio Lower Upper
95 100
174 89.5 0.0 168.0
176 85.9 0.0 160.2

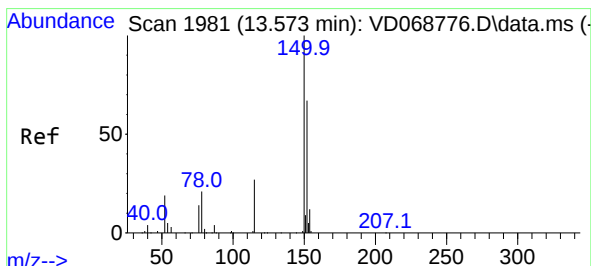
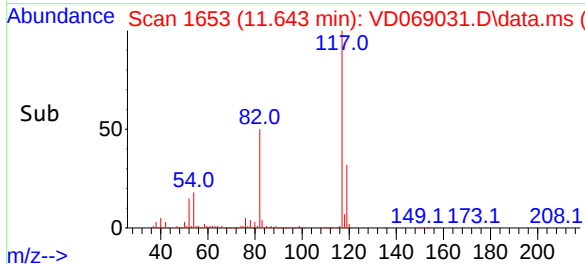
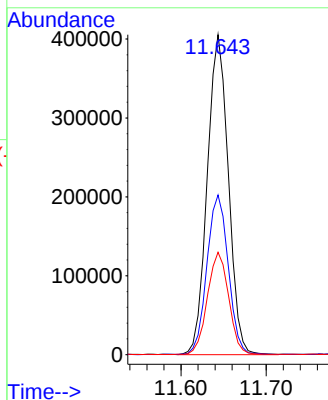
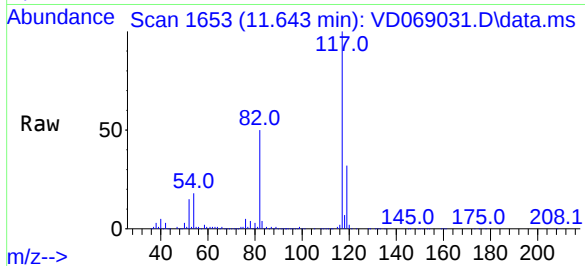




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Instrument :
MSVOA_D
ClientSampleID :
CL-01-042921

Tgt Ion:	117	Resp:	698107
Ion	Ratio	Lower	Upper
117	100		
82	49.9	43.5	65.3
119	31.9	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion:	152	Resp:	388224
Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.3	87.8
150	156.5	0.0	347.6

