

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022521\
 Data File : VD068445.D
 Acq On : 25 Feb 2021 16:07
 Operator : VA/SY
 Sample : M1501-01
 Misc : 6.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-3-7-WC

Quant Time: Feb 26 00:28:51 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	7.979	168	304374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	576883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	491186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	160552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	189958	61.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.10%
35) Dibromofluoromethane	7.914	113	188828	55.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.30%
50) Toluene-d8	10.344	98	712088	50.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.34%
62) 4-Bromofluorobenzene	12.632	95	182719	39.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.04%

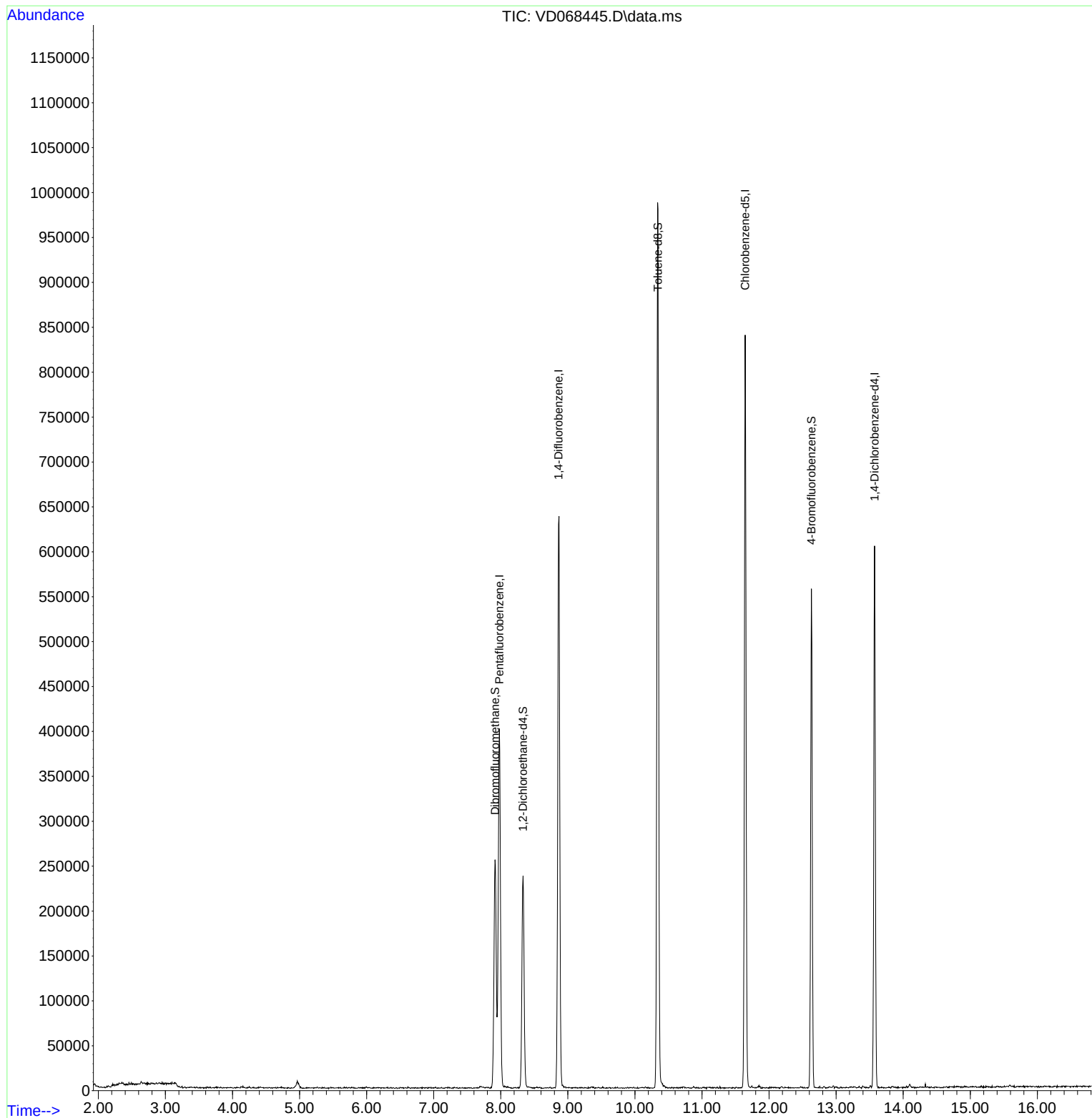
Target Compounds	Qvalue

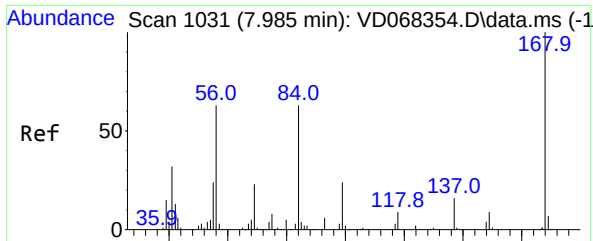
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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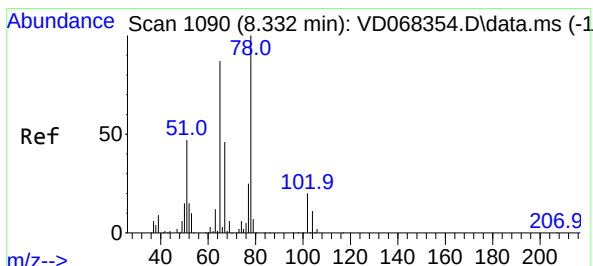
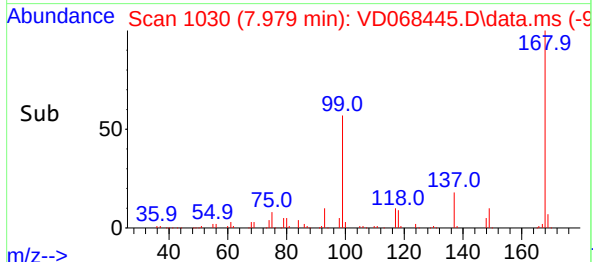
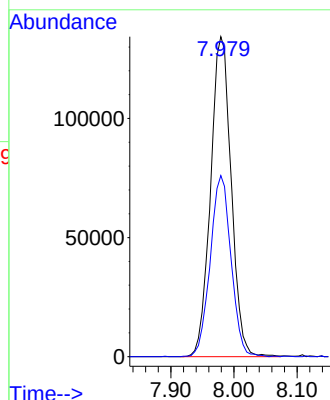
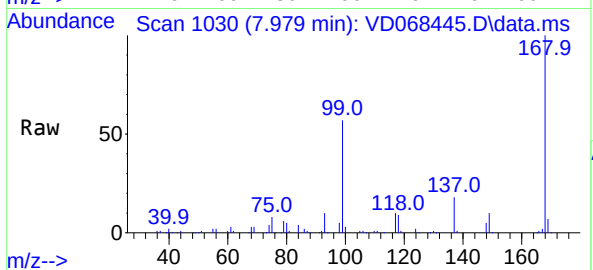




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

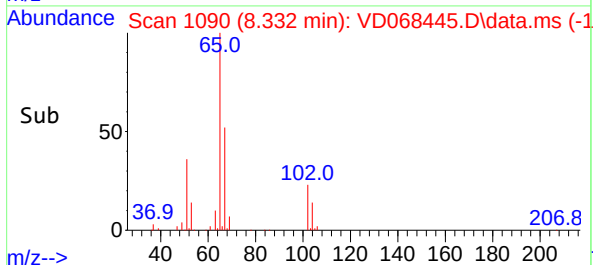
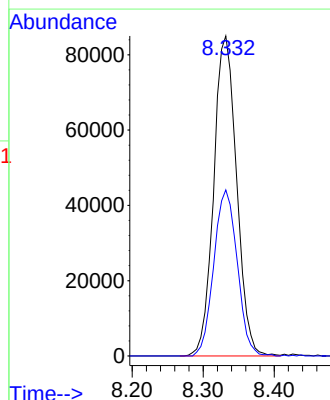
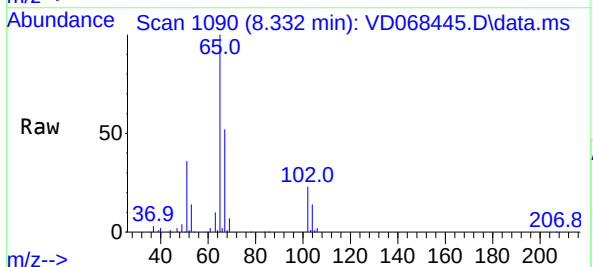
Instrument :
MSVOA_D
ClientSampleId :
R-LA-3-7-WC

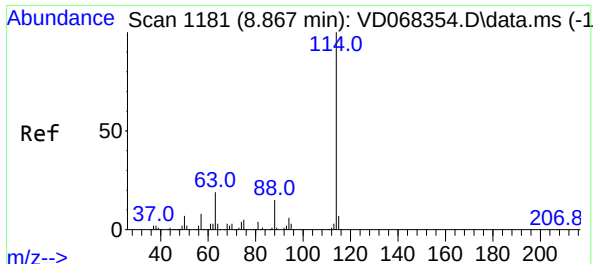
Tgt Ion:168 Resp: 304374
Ion Ratio Lower Upper
168 100
99 56.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 61.05 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Tgt Ion: 65 Resp: 189958
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0





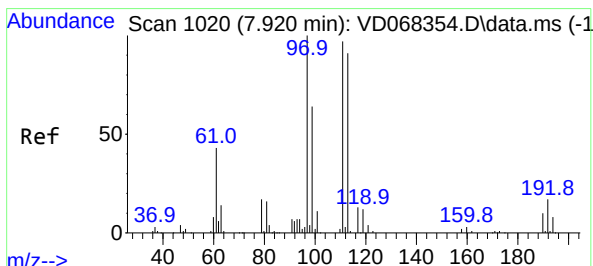
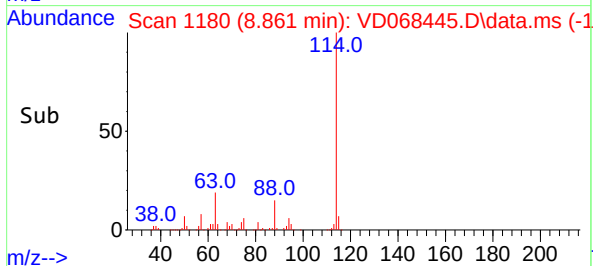
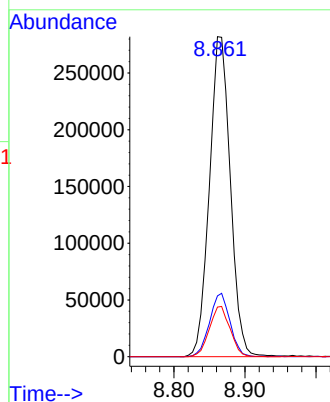
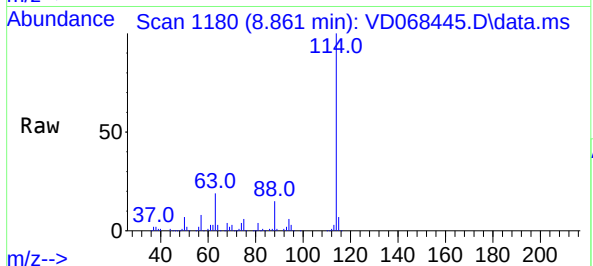
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
R-LA-3-7-WC

Tgt Ion:114 Resp: 576883

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.8
88	15.5	0.0	31.6

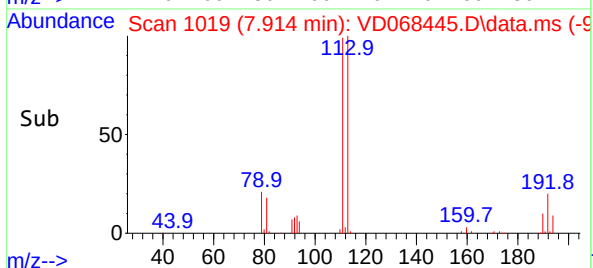
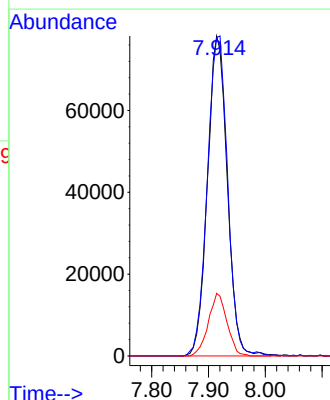
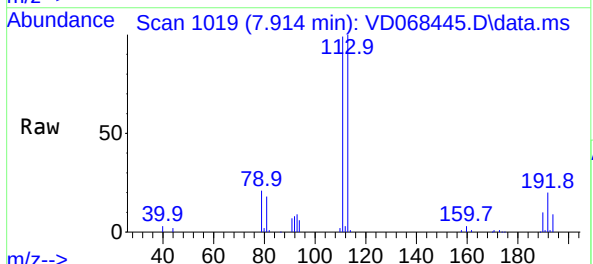


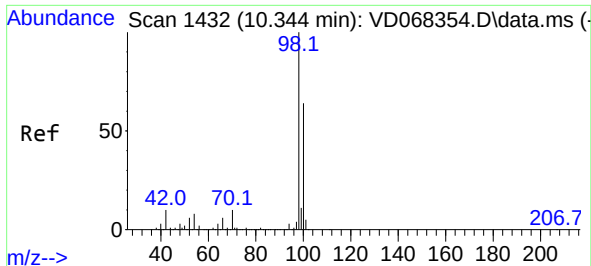
#35

Dibromofluoromethane
Concen: 55.15 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Tgt Ion:113 Resp: 188828

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	18.4	16.1	24.1

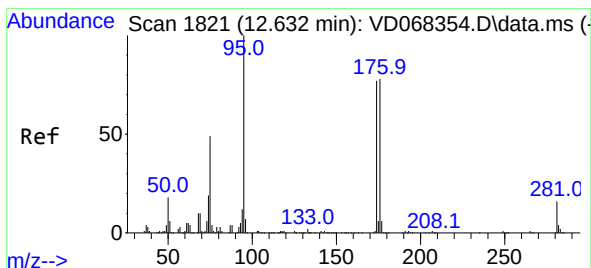
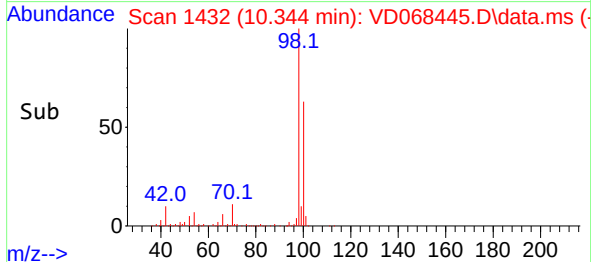
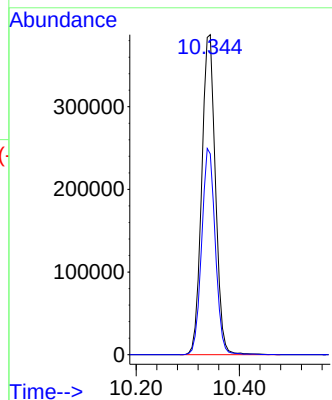
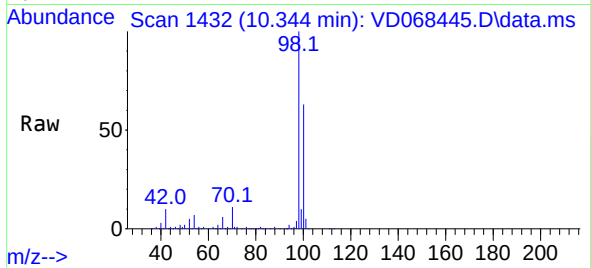




#50
Toluene-d8
Concen: 50.17 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

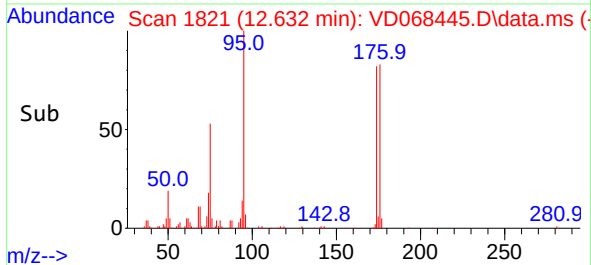
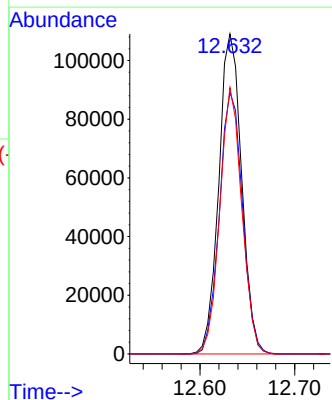
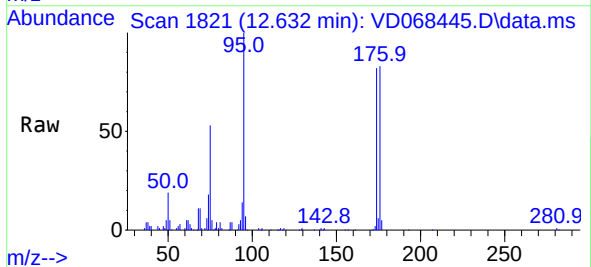
Instrument :
MSVOA_D
ClientSampleId :
R-LA-3-7-WC

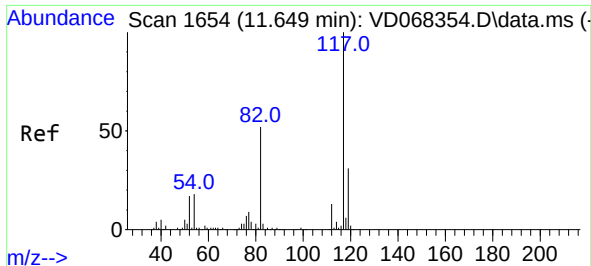
Tgt Ion: 98 Resp: 712088
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 39.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Tgt Ion: 95 Resp: 182719
Ion Ratio Lower Upper
95 100
174 83.1 0.0 172.4
176 80.2 0.0 168.4

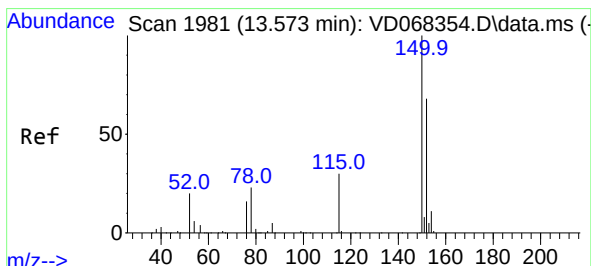
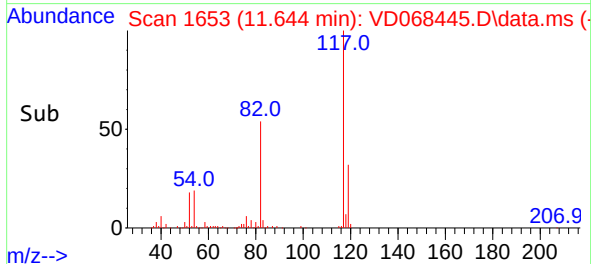
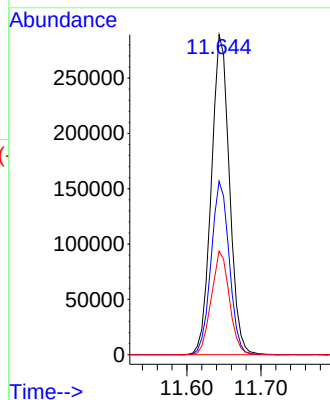
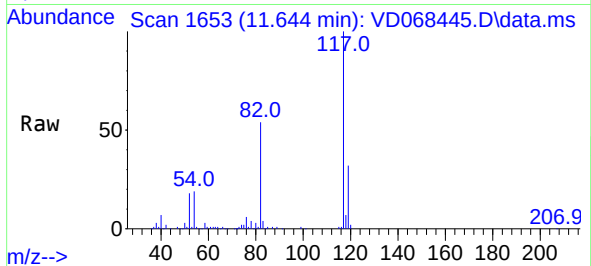




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068445.D
Acq: 25 Feb 2021 16:07

Instrument :
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Tgt Ion:	117	Resp:	491186
Ion	Ratio	Lower	Upper
117	100		
82	54.1	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: VD068445.D
Acq: 25 Feb 2021 16:07

Tgt Ion:	152	Resp:	160552
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.9	86.8
150	158.9	0.0	344.4

