

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068510.D
 Acq On : 03 Mar 2021 13:57
 Operator : VA/SY
 Sample : M1539-01RE
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-030221RE

Quant Time: Mar 04 00:03:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	59333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	103861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	109057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	52426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	42160	71.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.24%
35) Dibromofluoromethane	7.914	113	34638	55.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.72%
50) Toluene-d8	10.338	98	127994	51.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.72%
62) 4-Bromofluorobenzene	12.632	95	46478	57.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.74%

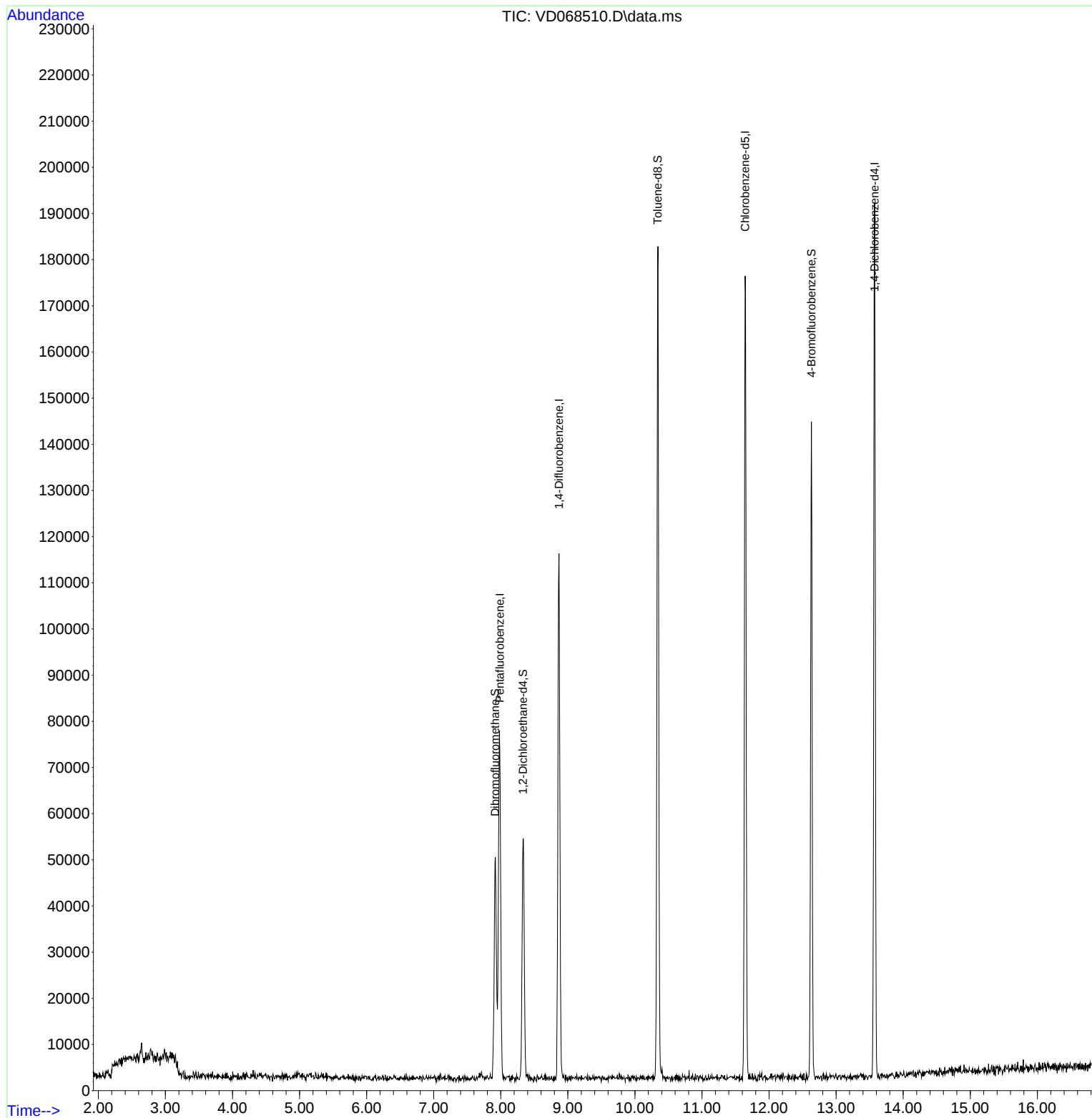
Target Compounds	Qvalue

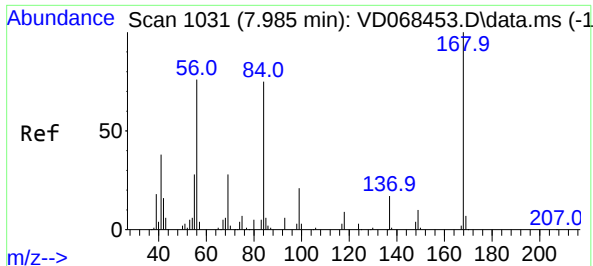
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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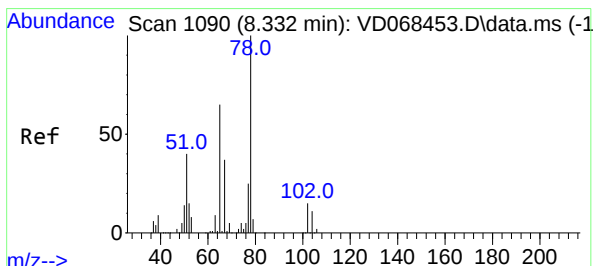
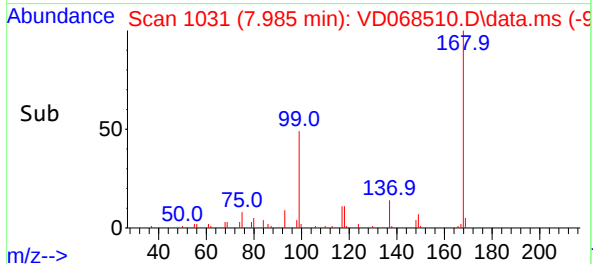
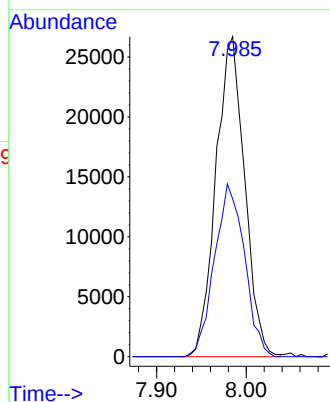
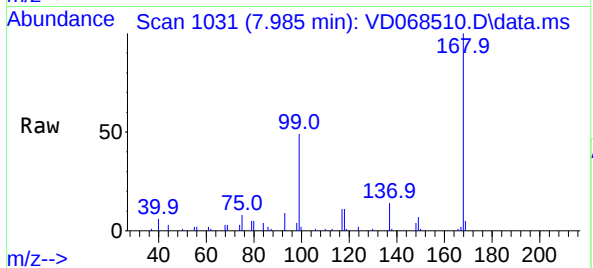




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

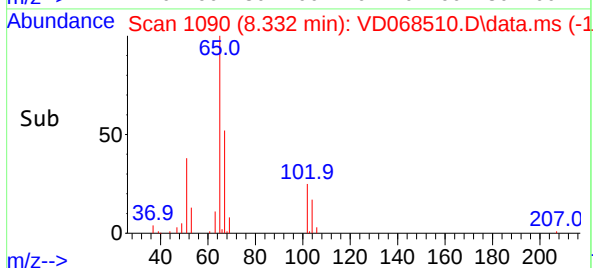
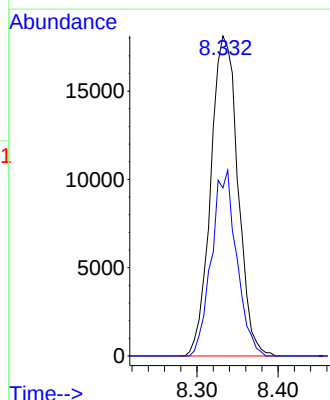
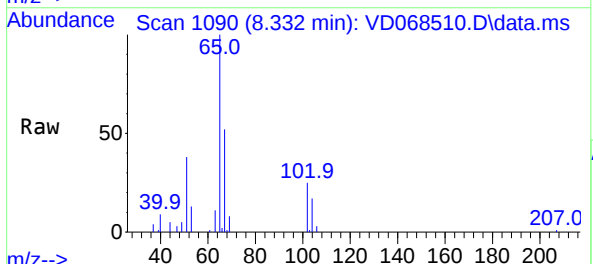
Instrument :
MSVOA_D
ClientSampleId :
JC-02-030221RE

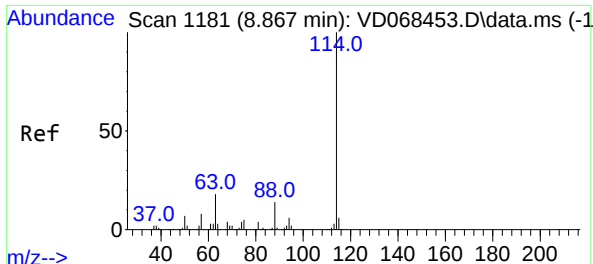
Tgt Ion:168 Resp: 59333
Ion Ratio Lower Upper
168 100
99 49.2 43.5 65.3



1,2-Dichloroethane-d4
Concen: 71.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion: 65 Resp: 42160
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0

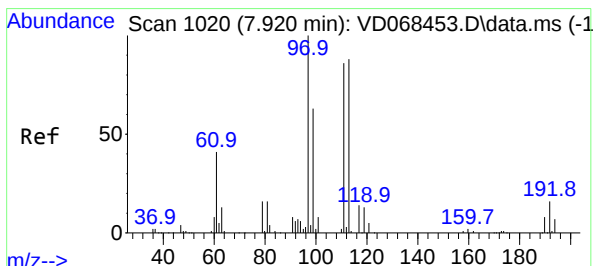
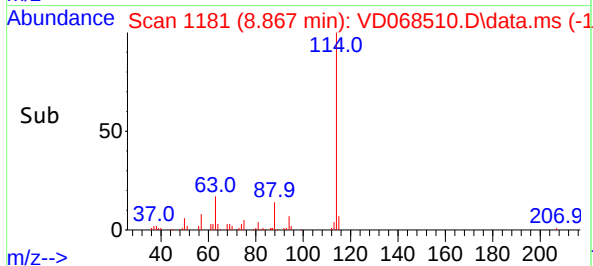
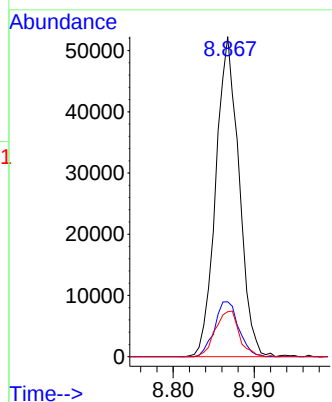
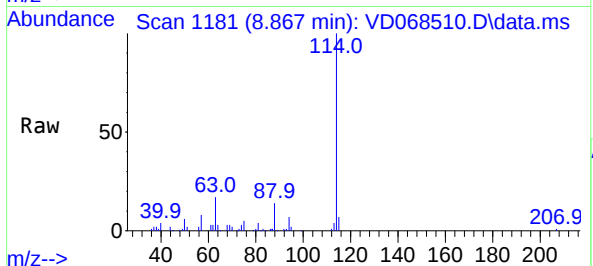




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

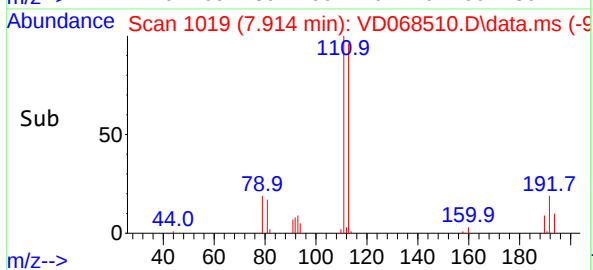
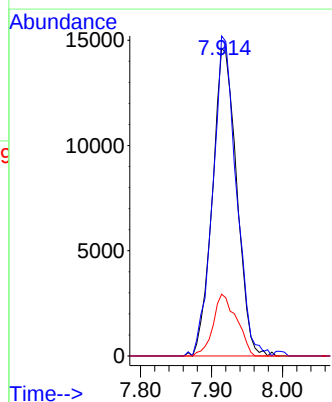
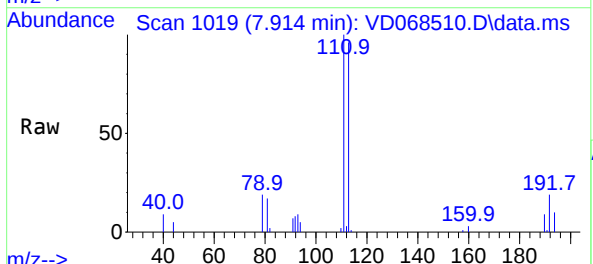
Instrument :
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JC-02-030221RE

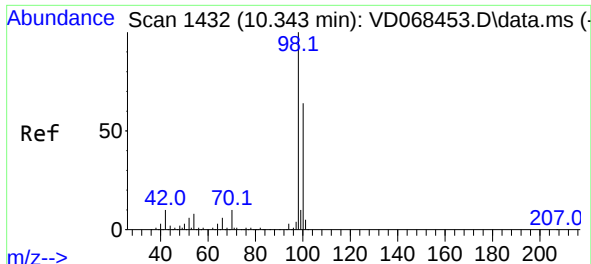
Tgt Ion:	114	Resp:	103861
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	34.8
88	14.0	0.0	31.6



#35
Dibromofluoromethane
Concen: 55.36 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion:	113	Resp:	34638
Ion Ratio	Lower	Upper	
113	100		
111	100.7	81.4	122.0
192	19.4	16.1	24.1

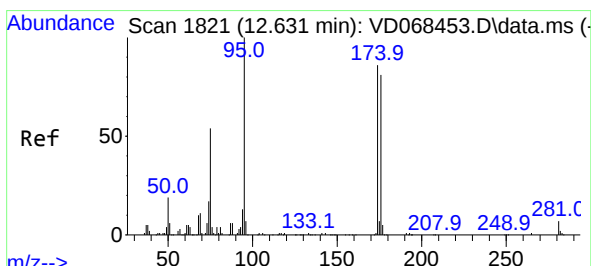
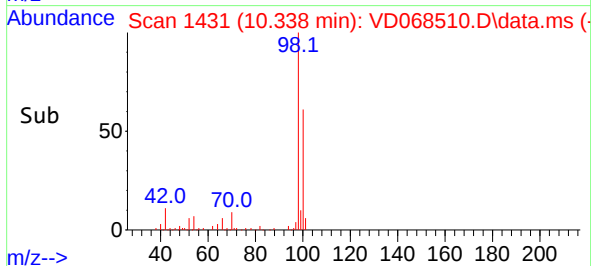
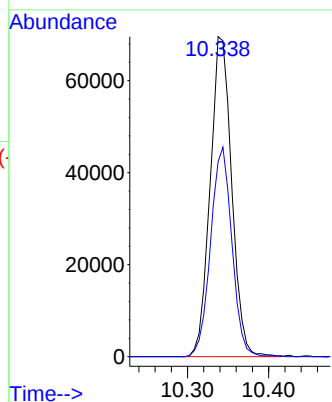
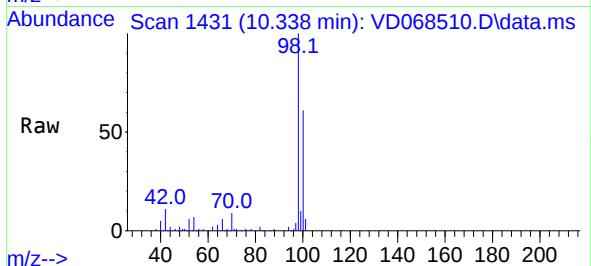




#50
Toluene-d8
Concen: 51.36 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

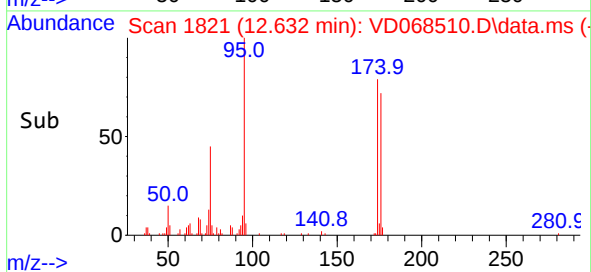
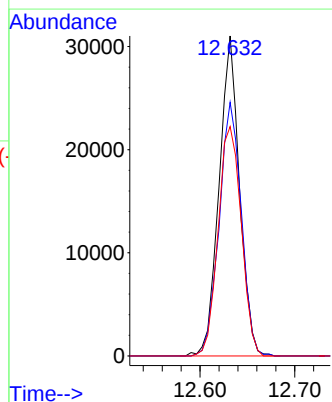
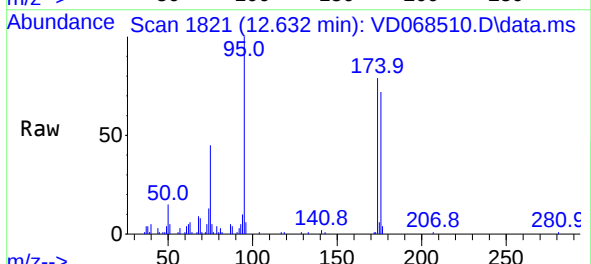
Instrument :
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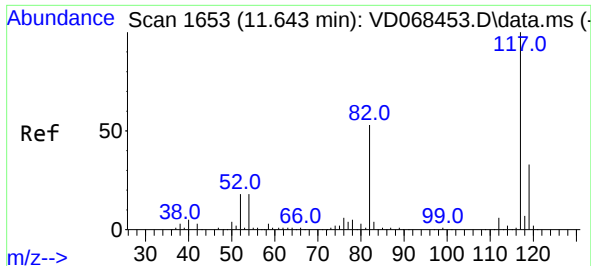
Tgt Ion: 98 Resp: 127994
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion: 95 Resp: 46478
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.4
176 81.1 0.0 168.4

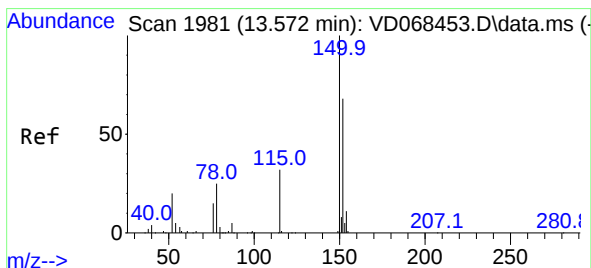
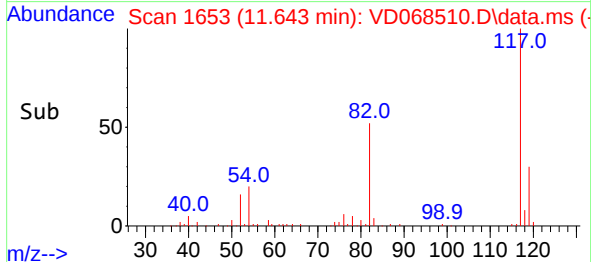
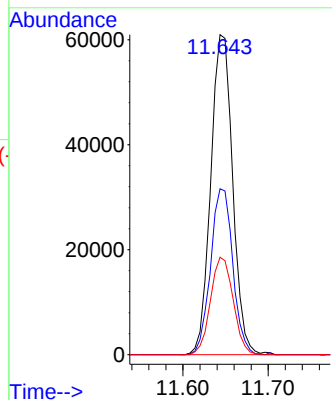
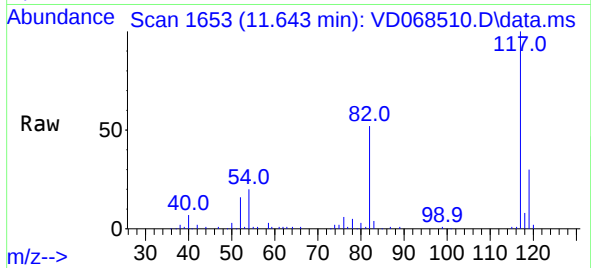




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
JC-02-030221RE

Tgt Ion:117 Resp: 109057
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 30.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion:152 Resp: 52426
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.8
150 158.8 0.0 344.4

