

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
 Data File : VD068345.D
 Acq On : 10 Feb 2021 14:34
 Operator : VA/SY
 Sample : M1338-01RE
 Misc : 5.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-020921RE

Quant Time: Feb 11 00:13:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	23356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	43033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	39718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	17667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	18029	80.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.38%
35) Dibromofluoromethane	7.914	113	11242	47.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.50%
50) Toluene-d8	10.338	98	52191	54.84	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.68%
62) 4-Bromofluorobenzene	12.632	95	18092	52.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.58%

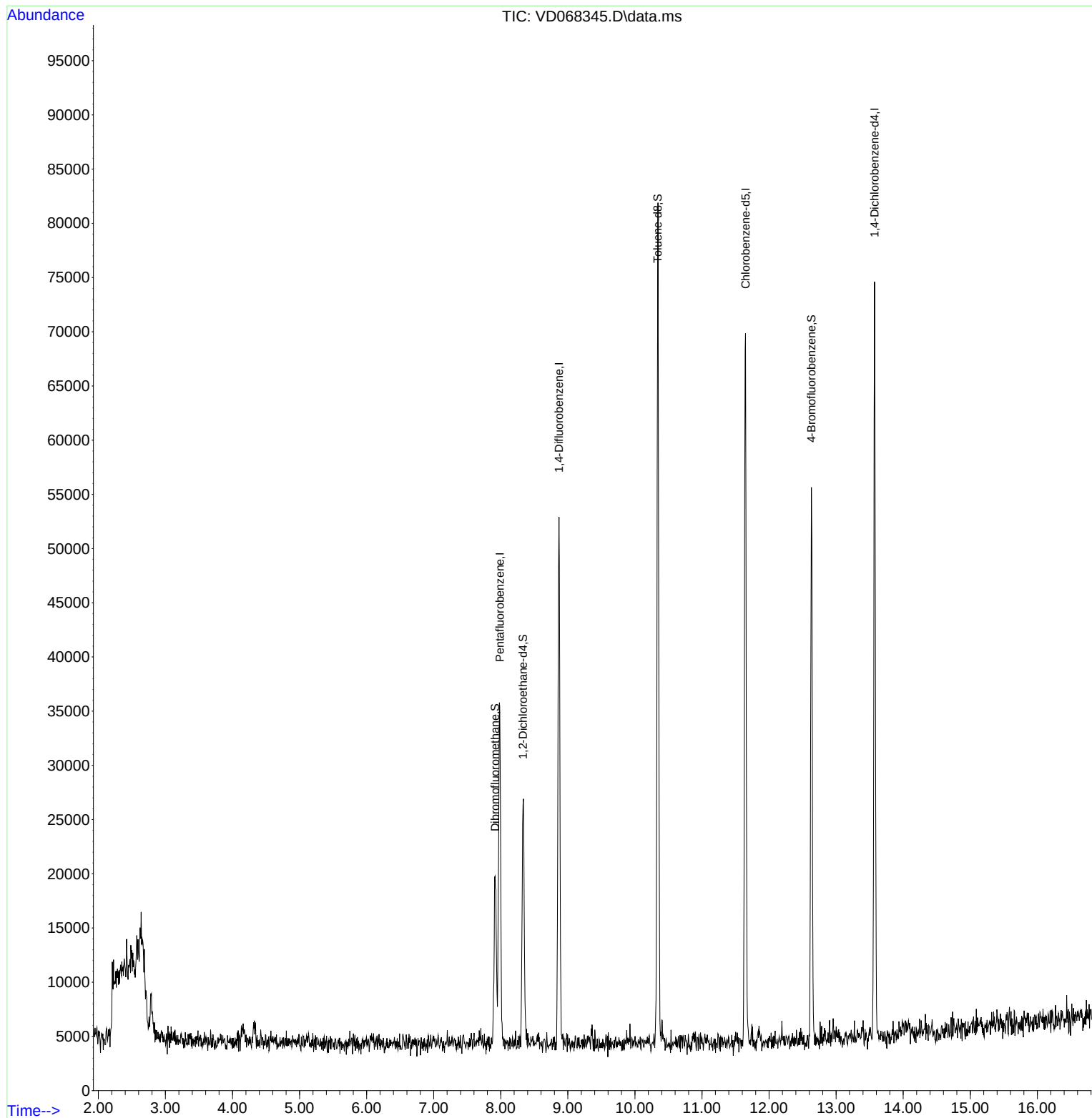
Target Compounds	Qvalue

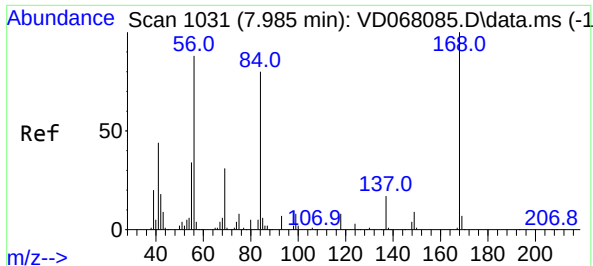
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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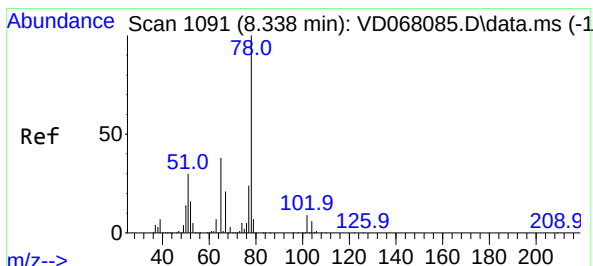
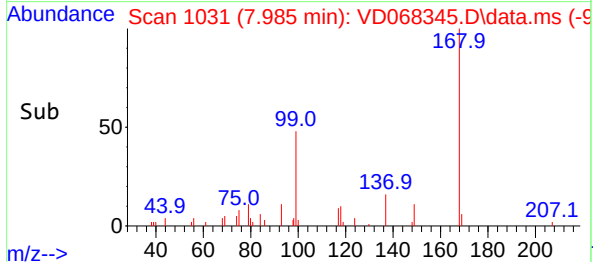
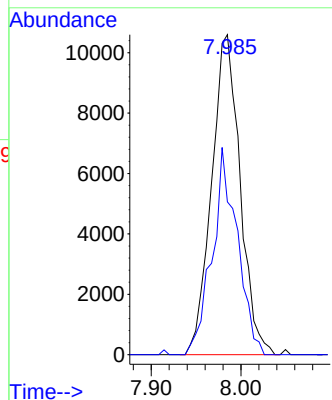
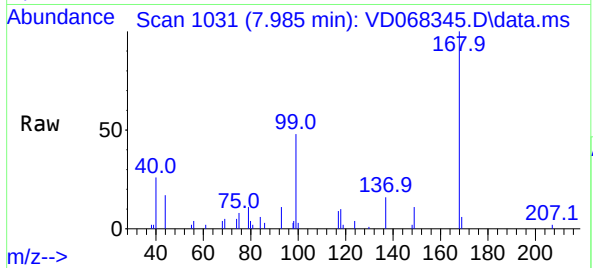




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068345.D
Acq: 10 Feb 2021 14:34

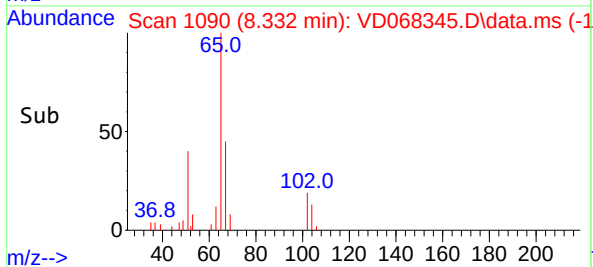
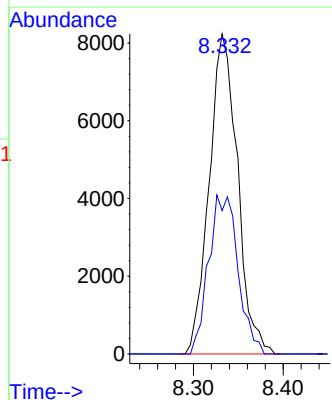
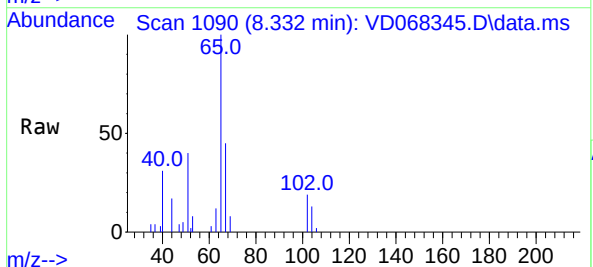
Instrument :
MSVOA_D
ClientSampleId :
OK-02-020921RE

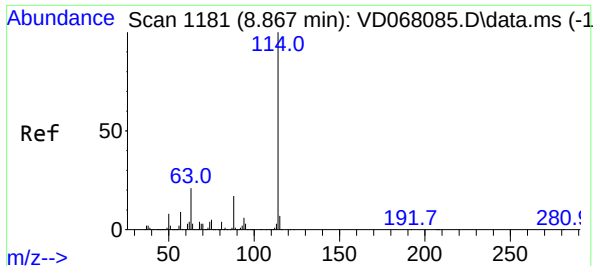
Tgt Ion:168 Resp: 23356
Ion Ratio Lower Upper
168 100
99 47.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 80.69 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068345.D
Acq: 10 Feb 2021 14:34

Tgt Ion: 65 Resp: 18029
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.0

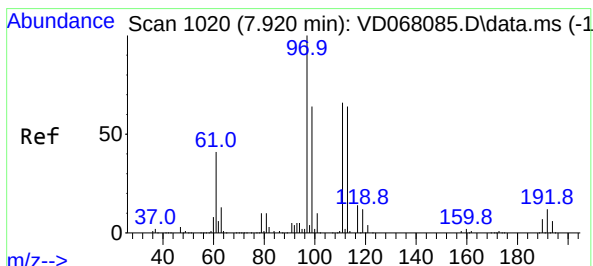
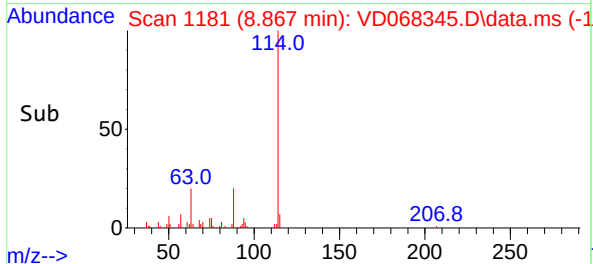
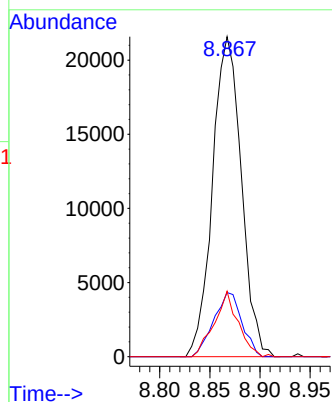
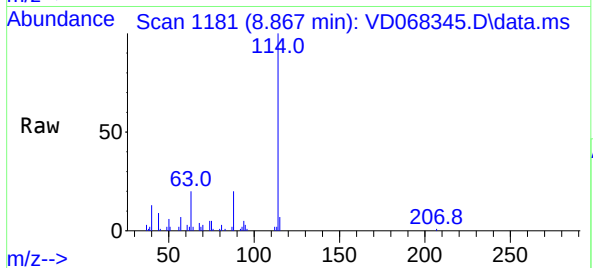




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068345.D
Acq: 10 Feb 2021 14:34

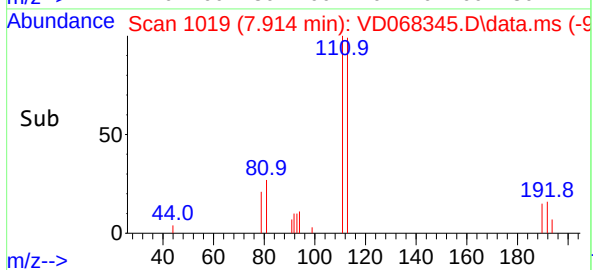
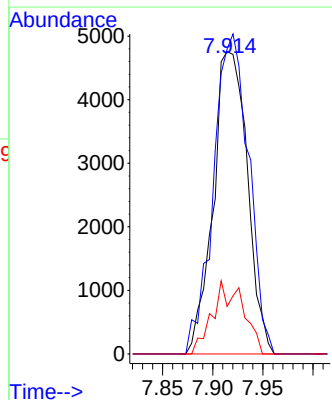
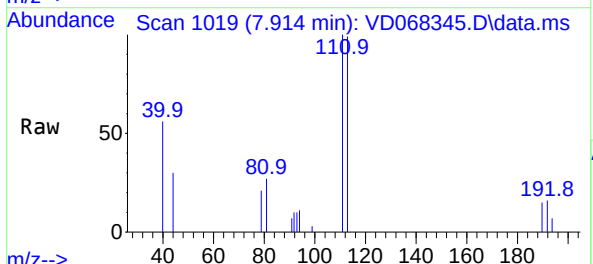
Instrument :
MSVOA_D
ClientSampleId :
OK-02-020921RE

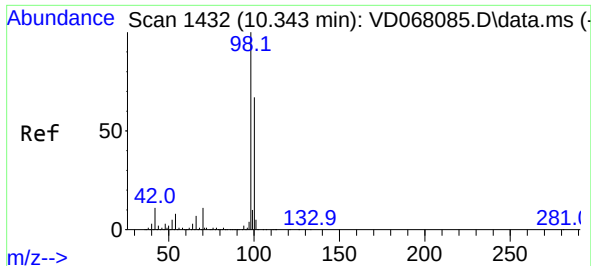
Tgt Ion:	114	Resp:	43033
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	34.8
88	20.5	0.0	31.6



#35
Dibromofluoromethane
Concen: 47.25 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068345.D
Acq: 10 Feb 2021 14:34

Tgt Ion:	113	Resp:	11242
Ion	Ratio	Lower	Upper
113	100		
111	109.1	81.4	122.0
192	21.7	16.1	24.1

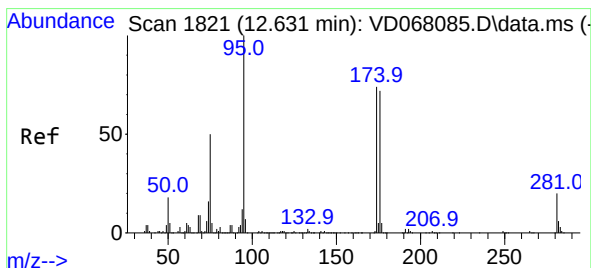
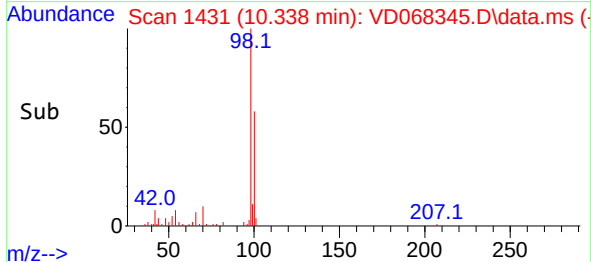
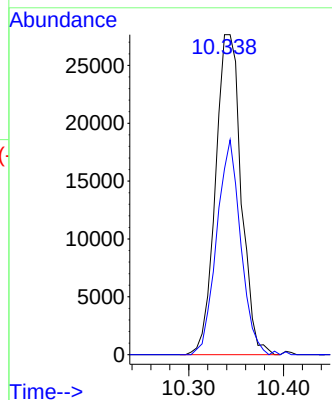
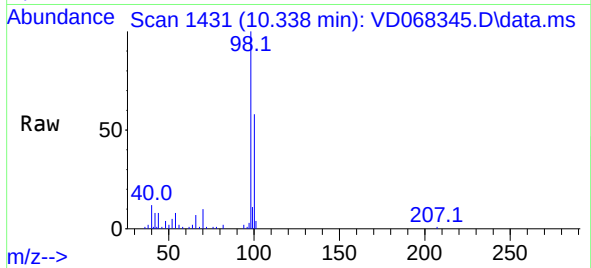




#50
Toluene-d8
Concen: 54.84 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068345.D
Acq: 10 Feb 2021 14:34

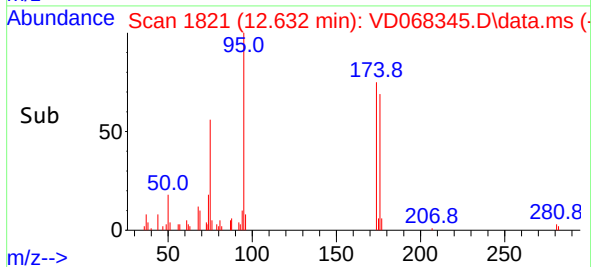
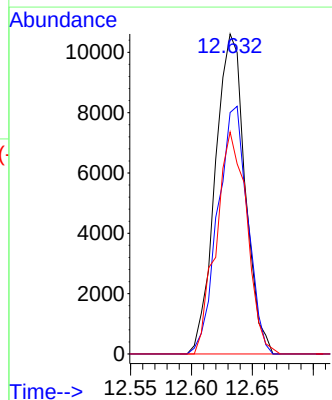
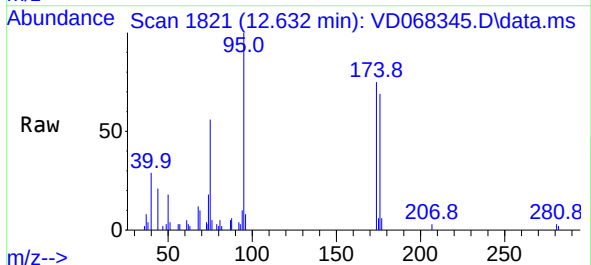
Instrument :
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ClientSampleId :
OK-02-020921RE

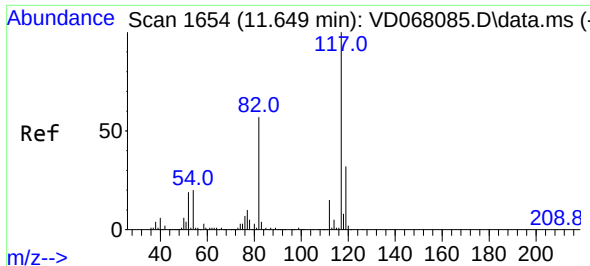
Tgt Ion: 98 Resp: 52191
Ion Ratio Lower Upper
98 100
100 63.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068345.D
Acq: 10 Feb 2021 14:34

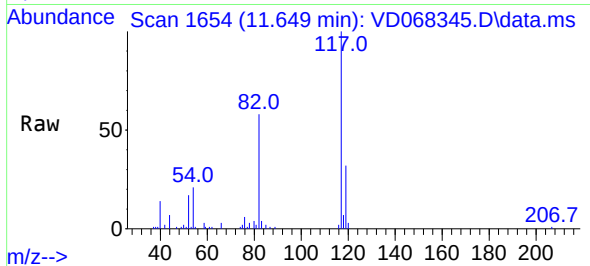
Tgt Ion: 95 Resp: 18092
Ion Ratio Lower Upper
95 100
174 77.3 0.0 172.4
176 71.3 0.0 168.4



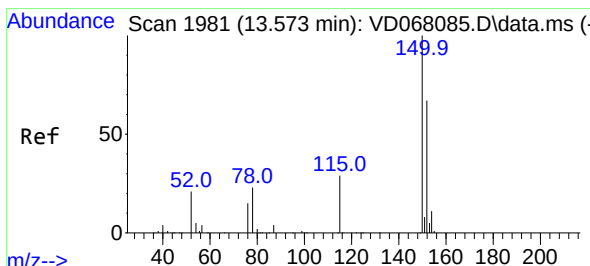
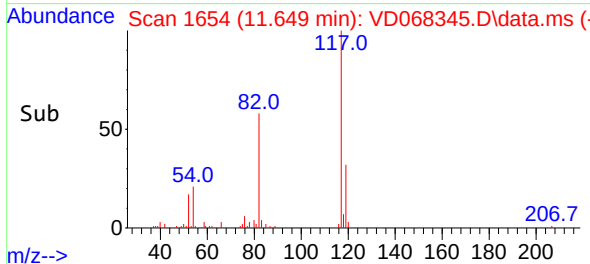
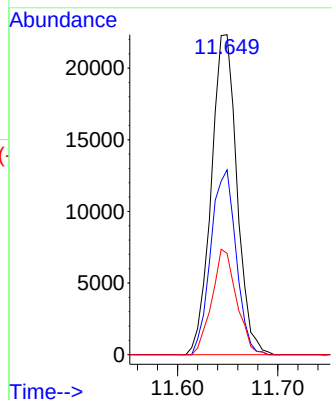


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068345.D
Acq: 10 Feb 2021 14:34

Instrument :
MSVOA_D
ClientSampleId :
OK-02-020921RE



Tgt Ion:	117	Resp:	39718
Ion Ratio	100	Lower	Upper
117	100		
82	57.8	41.4	62.0
119	31.7	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: VD068345.D
Acq: 10 Feb 2021 14:34

Tgt Ion:	152	Resp:	17667
Ion Ratio	100	Lower	Upper
152	100		
115	60.1	28.9	86.8
150	156.9	0.0	344.4

