

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068193.D
 Acq On : 26 Jan 2021 18:23
 Operator : VA/SY
 Sample : M1236-05
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2922

Quant Time: Jan 27 00:13:28 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	521811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	920803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	808422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	346062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	291346	58.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.74%
35) Dibromofluoromethane	7.920	113	278545	54.72	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.44%
50) Toluene-d8	10.344	98	1142916	56.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.26%
62) 4-Bromofluorobenzene	12.638	95	363446	49.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.12%

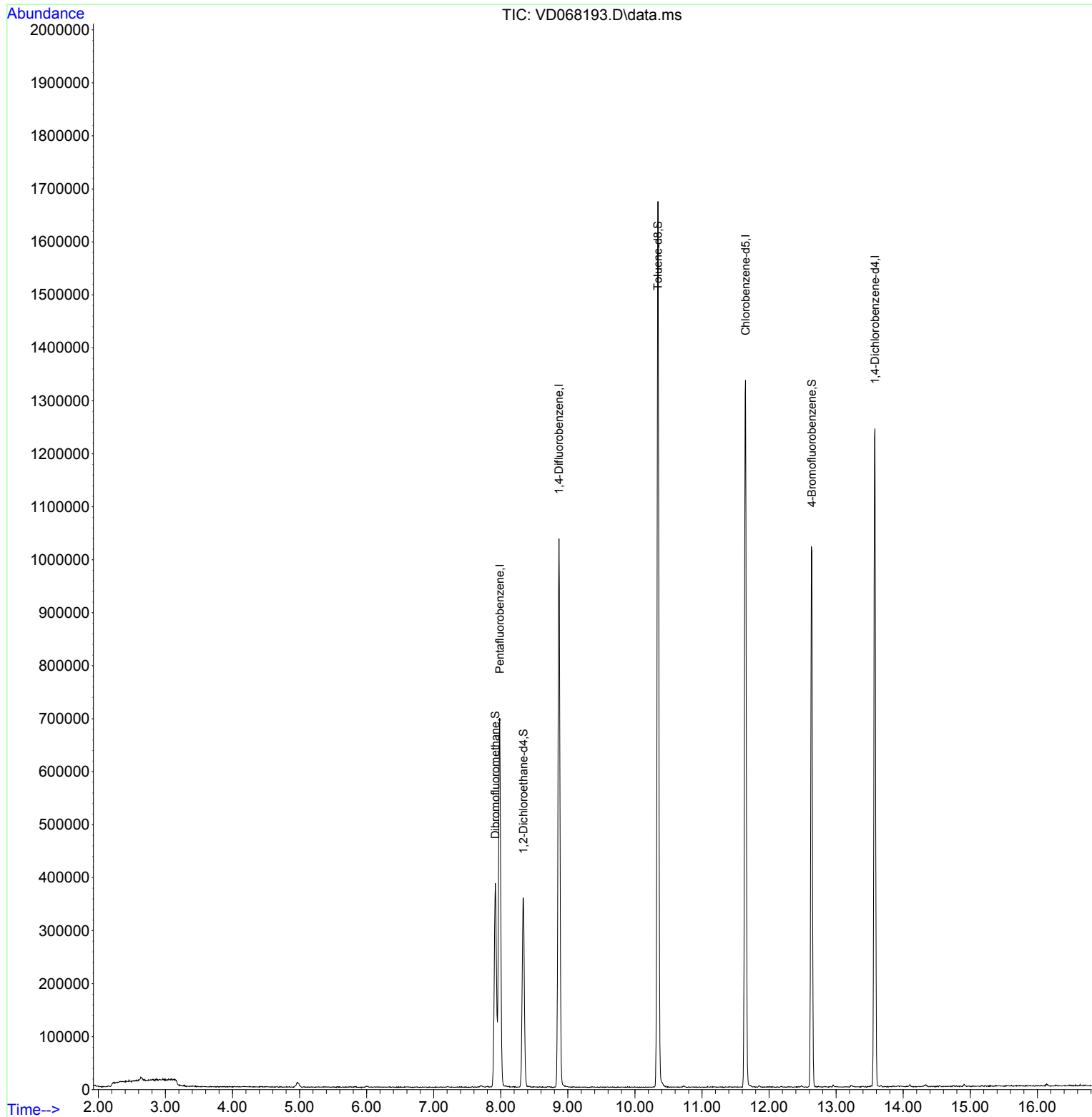
Target Compounds	Qvalue

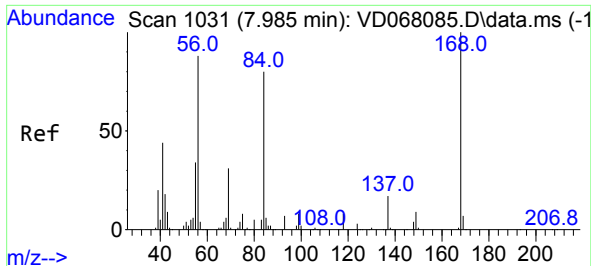
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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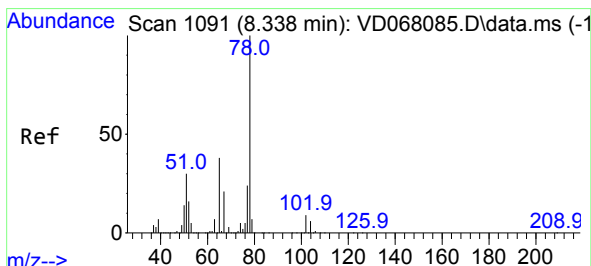
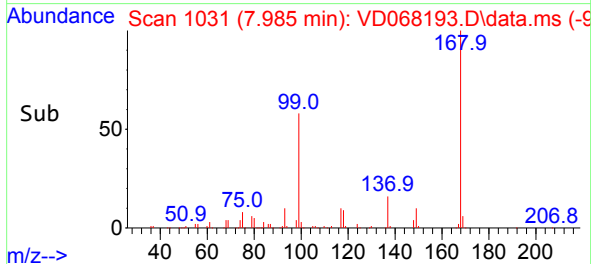
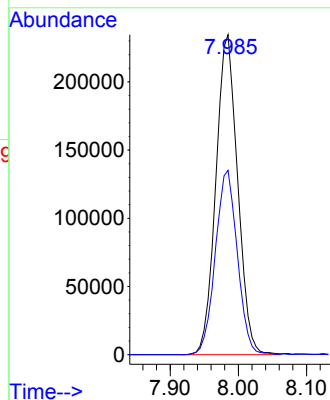
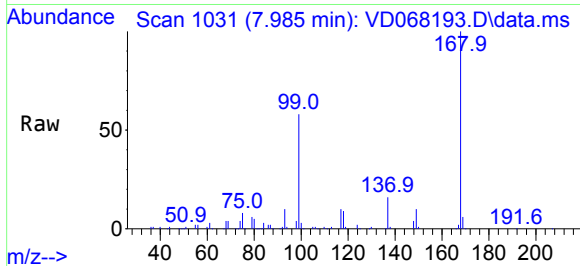




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

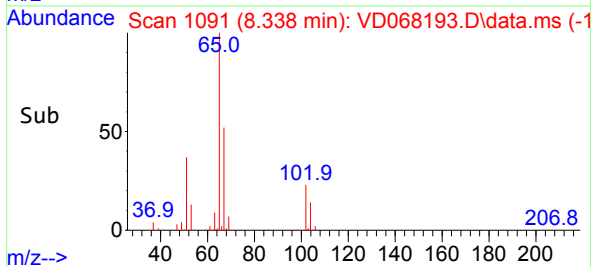
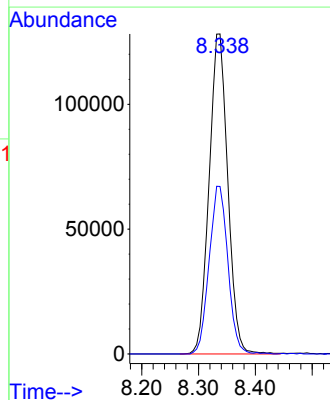
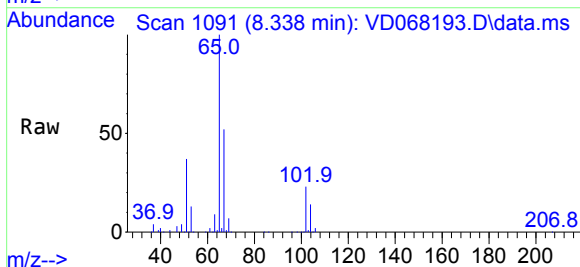
Instrument :
MSVOA_D
ClientSampleId :
2922

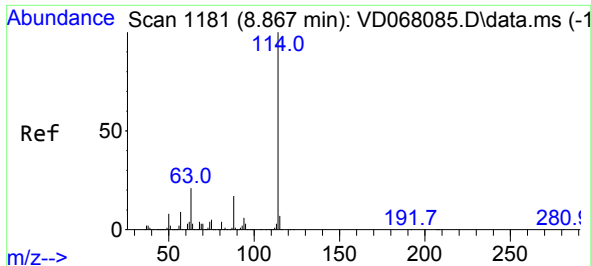
Tgt Ion:168 Resp: 521811
Ion Ratio Lower Upper
168 100
99 57.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 58.37 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion: 65 Resp: 291346
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

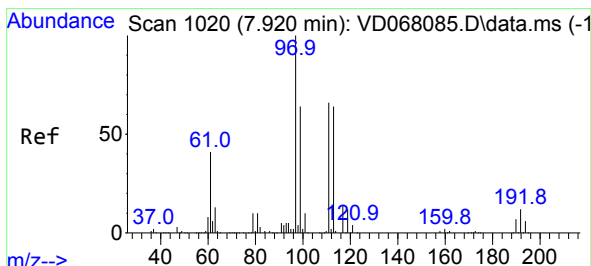
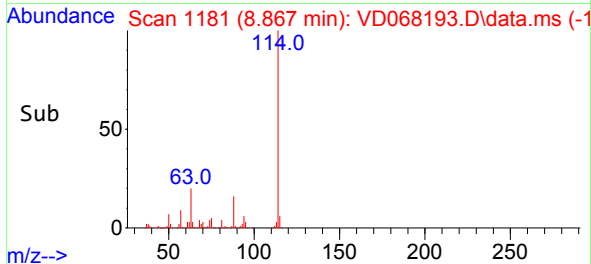
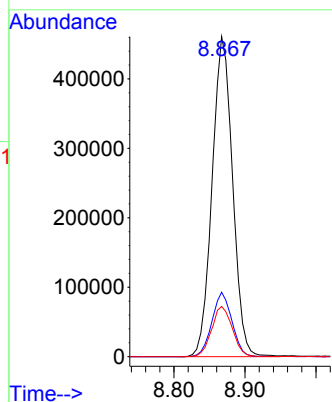
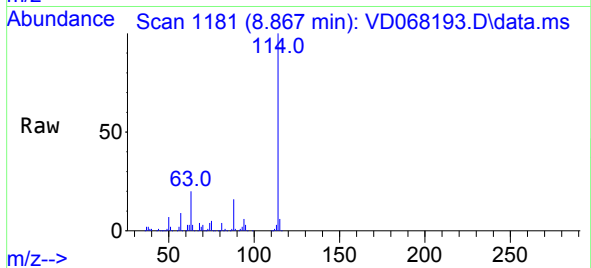




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

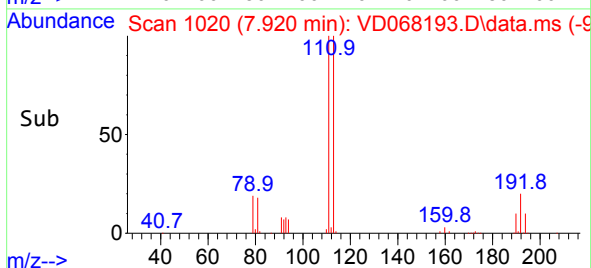
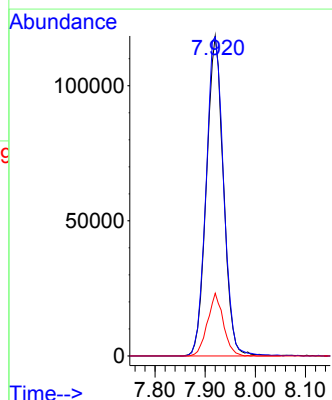
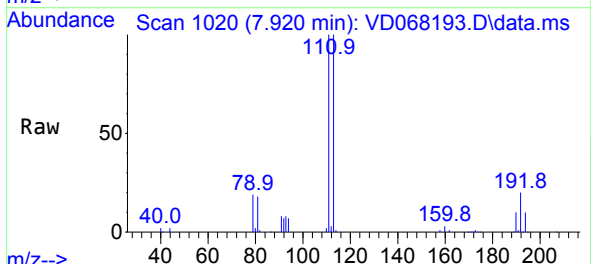
Instrument :
MSVOA_D
ClientSampled :
2922

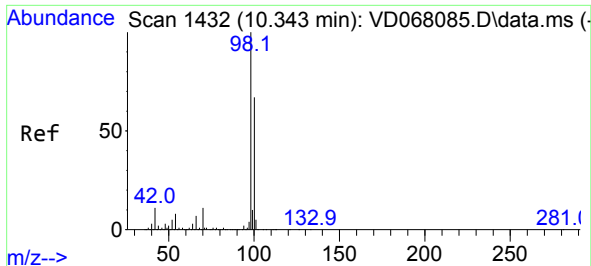
Tgt Ion:114 Resp: 920803
Ion Ratio Lower Upper
114 100
63 20.2 0.0 34.8
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.72 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion:113 Resp: 278545
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.4 16.1 24.1

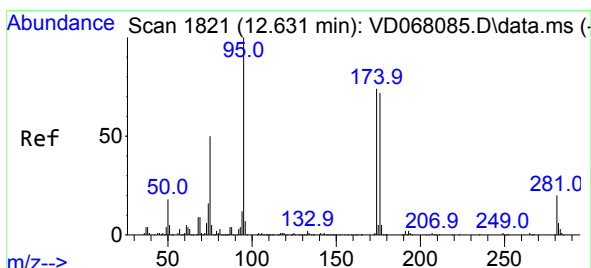
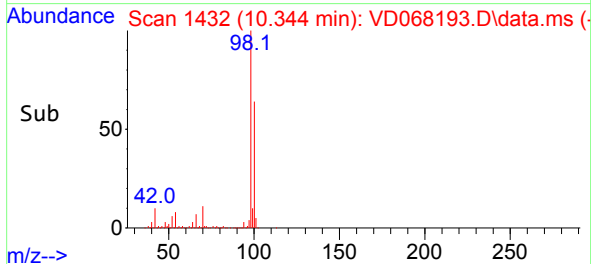
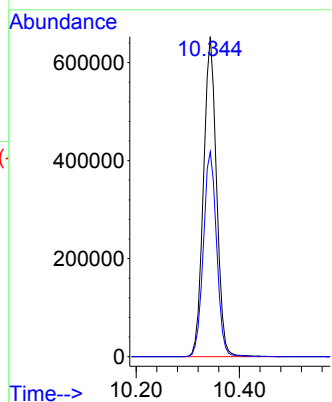
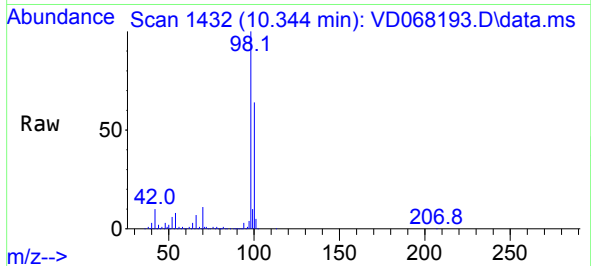




#50
Toluene-d8
Concen: 56.13 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

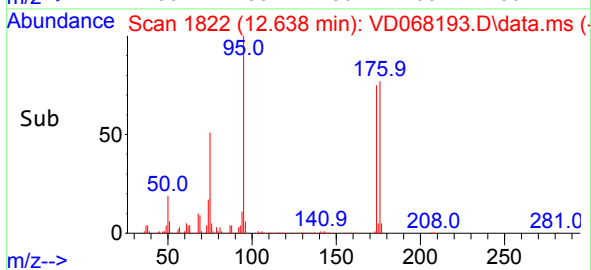
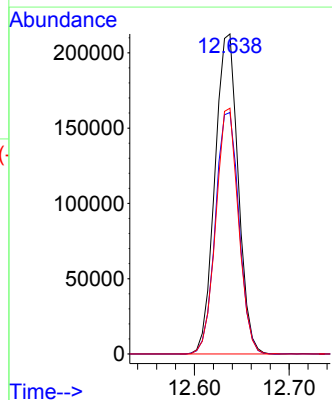
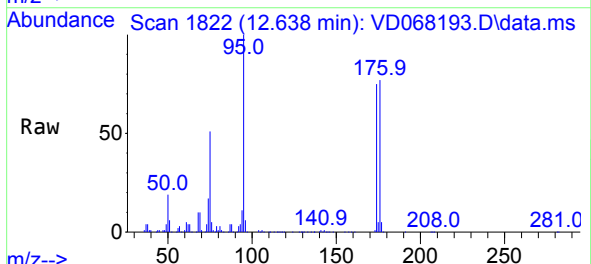
Instrument :
MSVOA_D
ClientSampleId :
2922

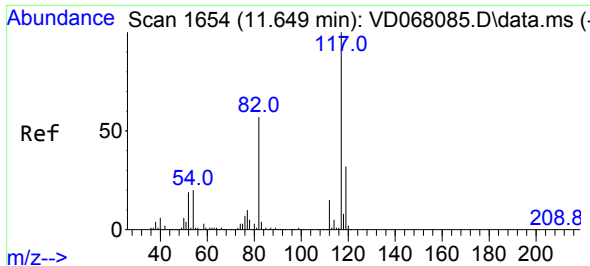
Tgt Ion: 98 Resp: 1142916
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.56 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

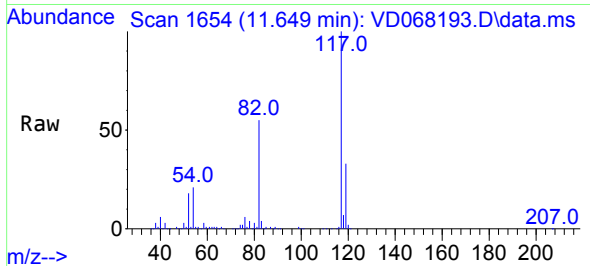
Tgt Ion: 95 Resp: 363446
Ion Ratio Lower Upper
95 100
174 76.3 0.0 172.4
176 74.7 0.0 168.4



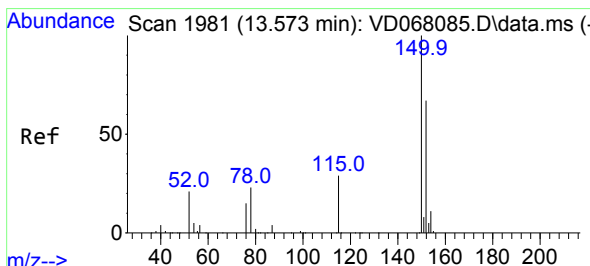
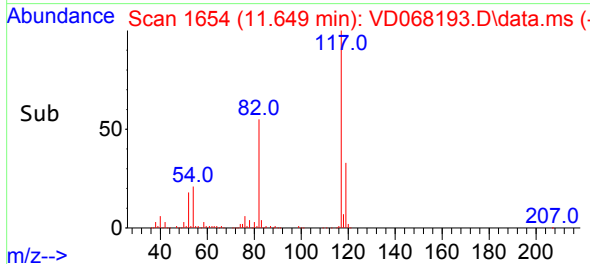
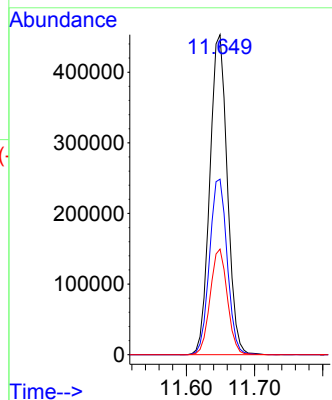


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
2922



Tgt Ion:117 Resp: 808422
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.0
119 33.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion:152 Resp: 346062
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 155.7 0.0 344.4

