

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068894.D
 Acq On : 19 Apr 2021 12:47
 Operator : VA/SY
 Sample : M2063-05
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-0-2

Quant Time: Apr 20 00:51:53 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	7.979	168	214049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	367804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	403383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	198256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	96193	42.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.04%
35) Dibromofluoromethane	7.920	113	114822	48.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.00%
50) Toluene-d8	10.344	98	463022	51.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.62%
62) 4-Bromofluorobenzene	12.632	95	188534	62.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.80%

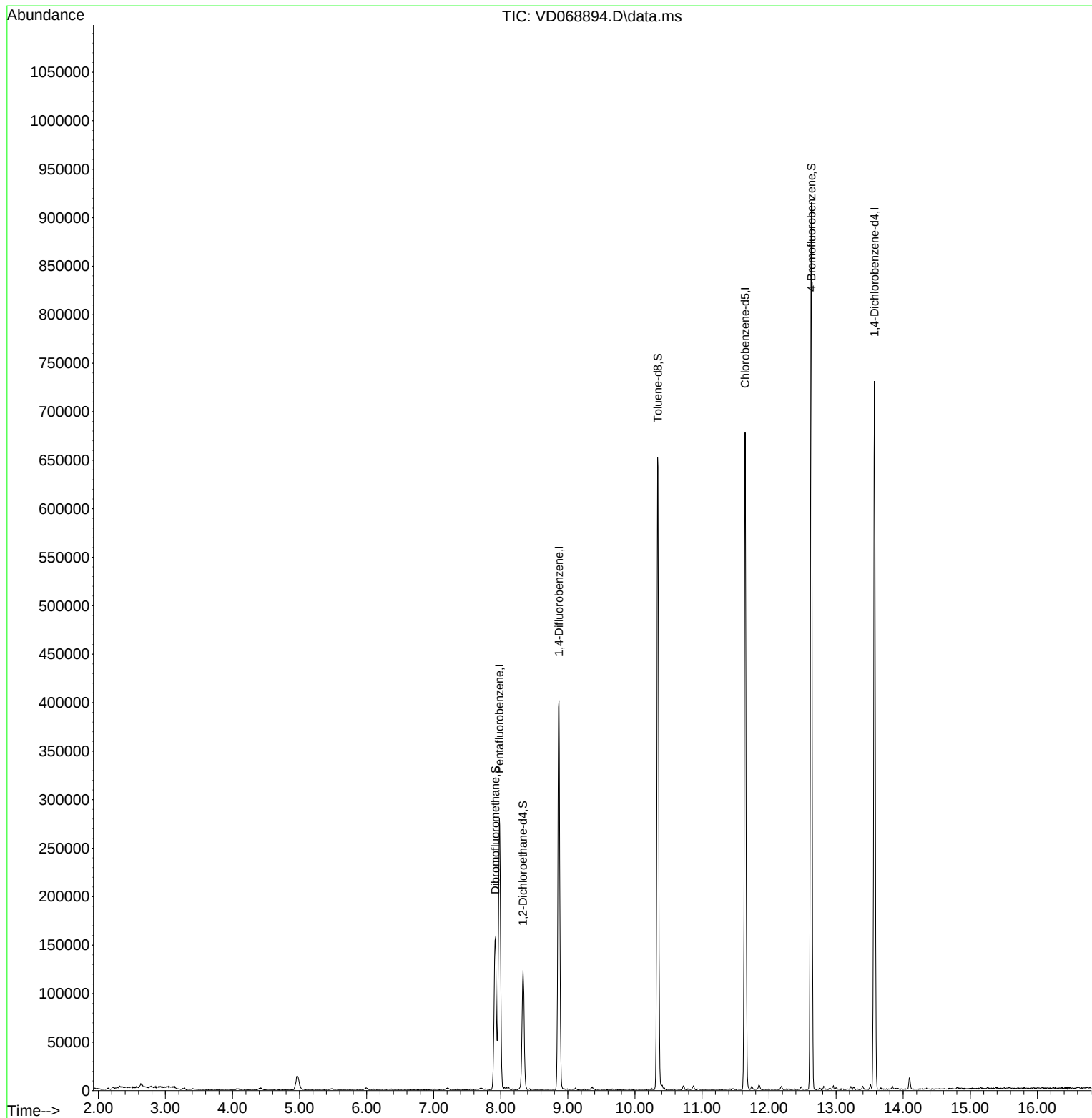
Target Compounds	Qvalue

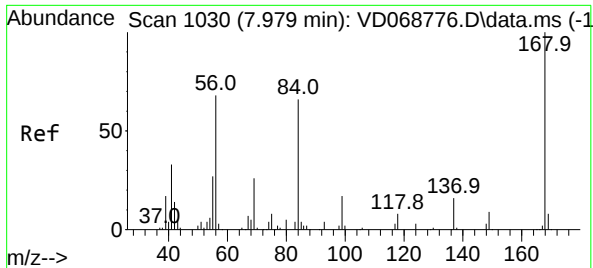
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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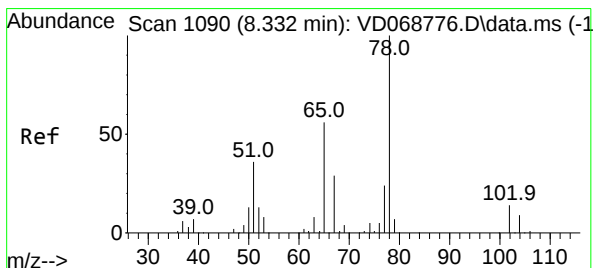
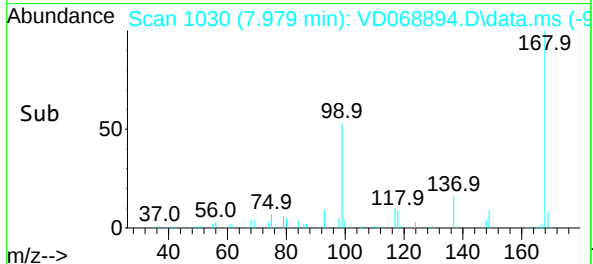
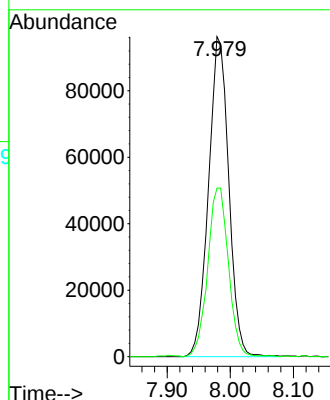
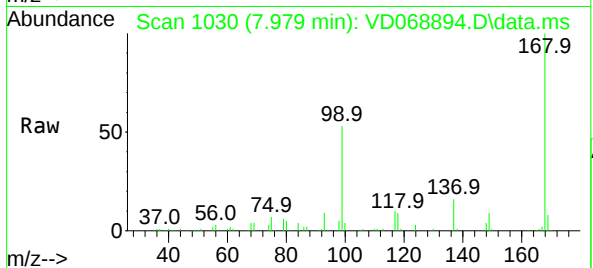




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

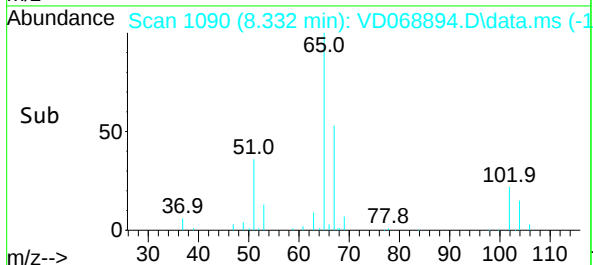
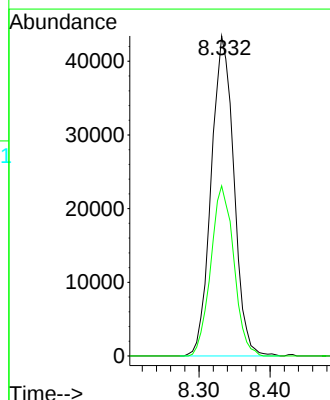
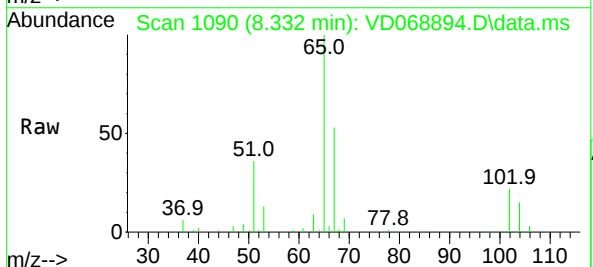
Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

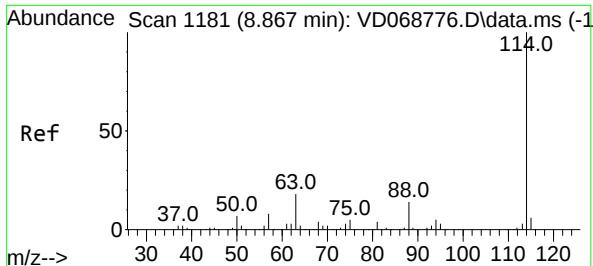
Tgt Ion:168 Resp: 214049
Ion Ratio Lower Upper
168 100
99 52.7 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.52 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion: 65 Resp: 96193
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.0

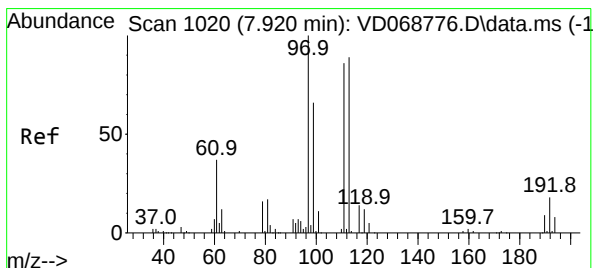
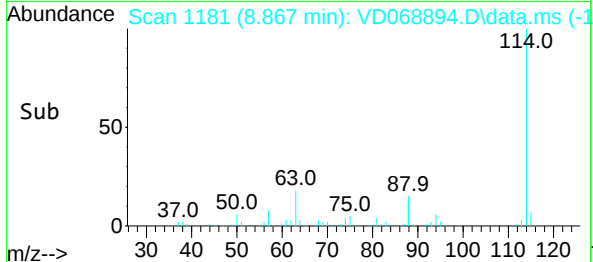
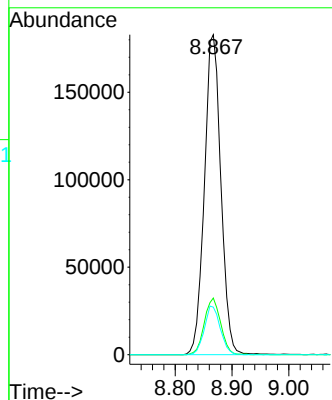
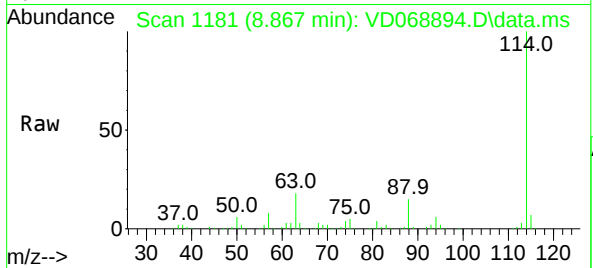




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

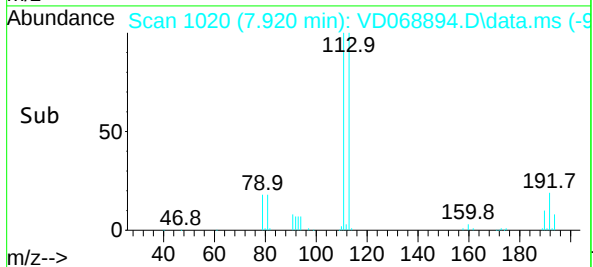
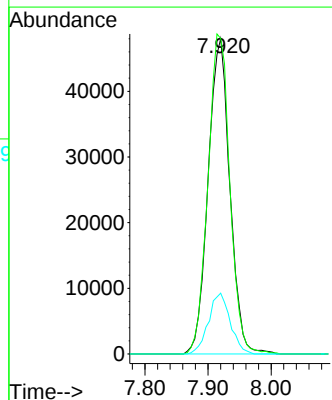
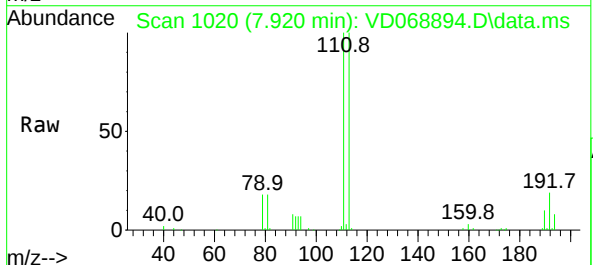
Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

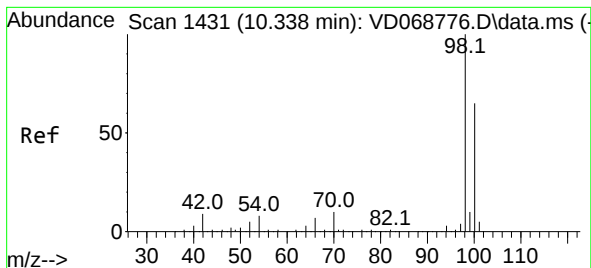
Tgt Ion:114 Resp: 367804
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.00 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion:113 Resp: 114822
Ion Ratio Lower Upper
113 100
111 102.3 82.5 123.7
192 19.3 15.1 22.7

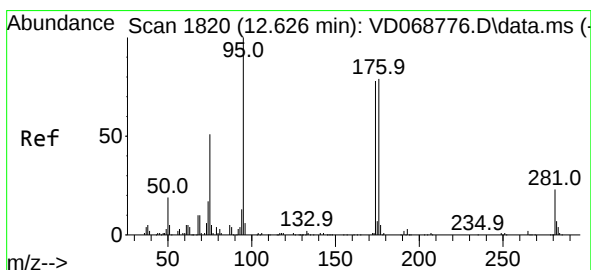
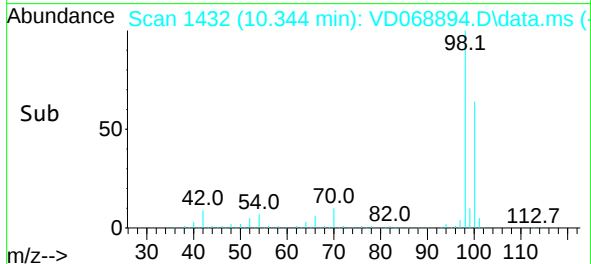
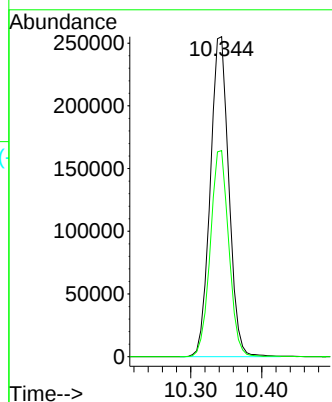
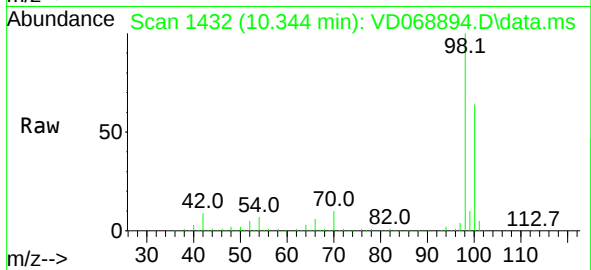




#50
Toluene-d8
Concen: 51.31 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

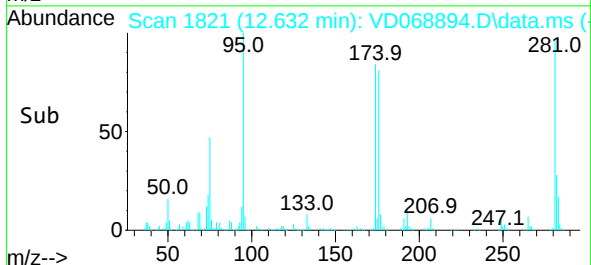
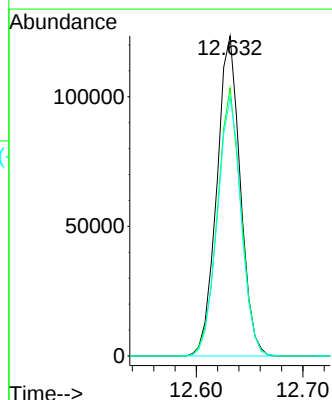
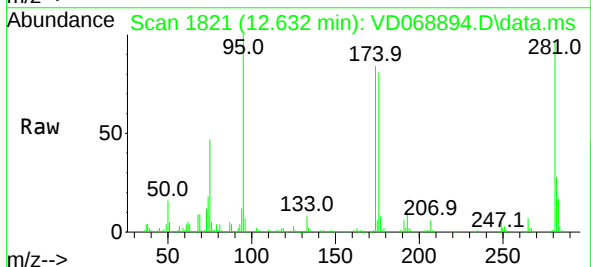
Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

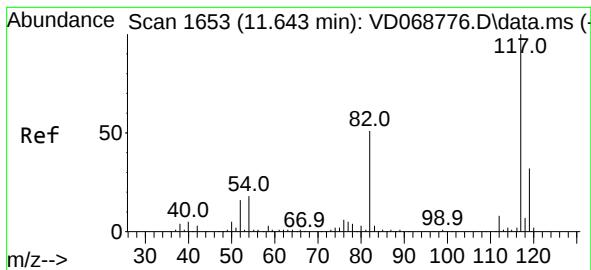
Tgt Ion: 98 Resp: 463022
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion: 95 Resp: 188534
Ion Ratio Lower Upper
95 100
174 84.2 0.0 168.0
176 82.1 0.0 160.2

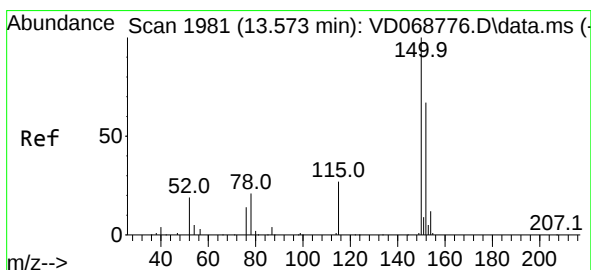
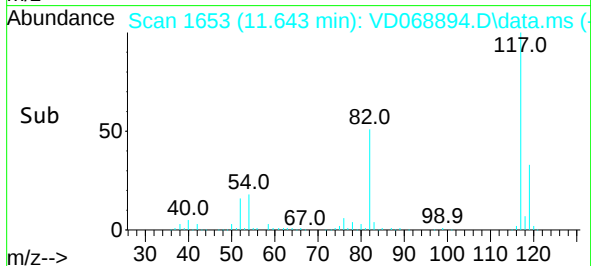
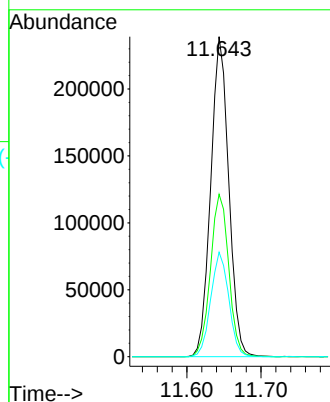
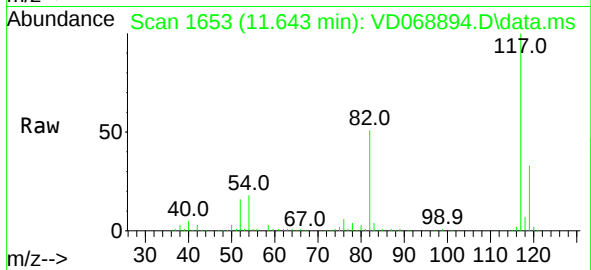




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

Tgt Ion:117 Resp: 403383
Ion Ratio Lower Upper
117 100
82 50.8 43.5 65.3
119 32.7 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: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion:152 Resp: 198256
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 157.9 0.0 347.6

