

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070094.D
 Acq On : 17 Aug 2021 18:04
 Operator : VA/SY
 Sample : M3412-02
 Misc : 5.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PG-2

Quant Time: Aug 18 03:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	486247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1002437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	939129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	334291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	366149	64.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.040%
35) Dibromofluoromethane	7.914	113	351313	54.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.337	98	1307468	51.905	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.626	95	376348	45.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.720%

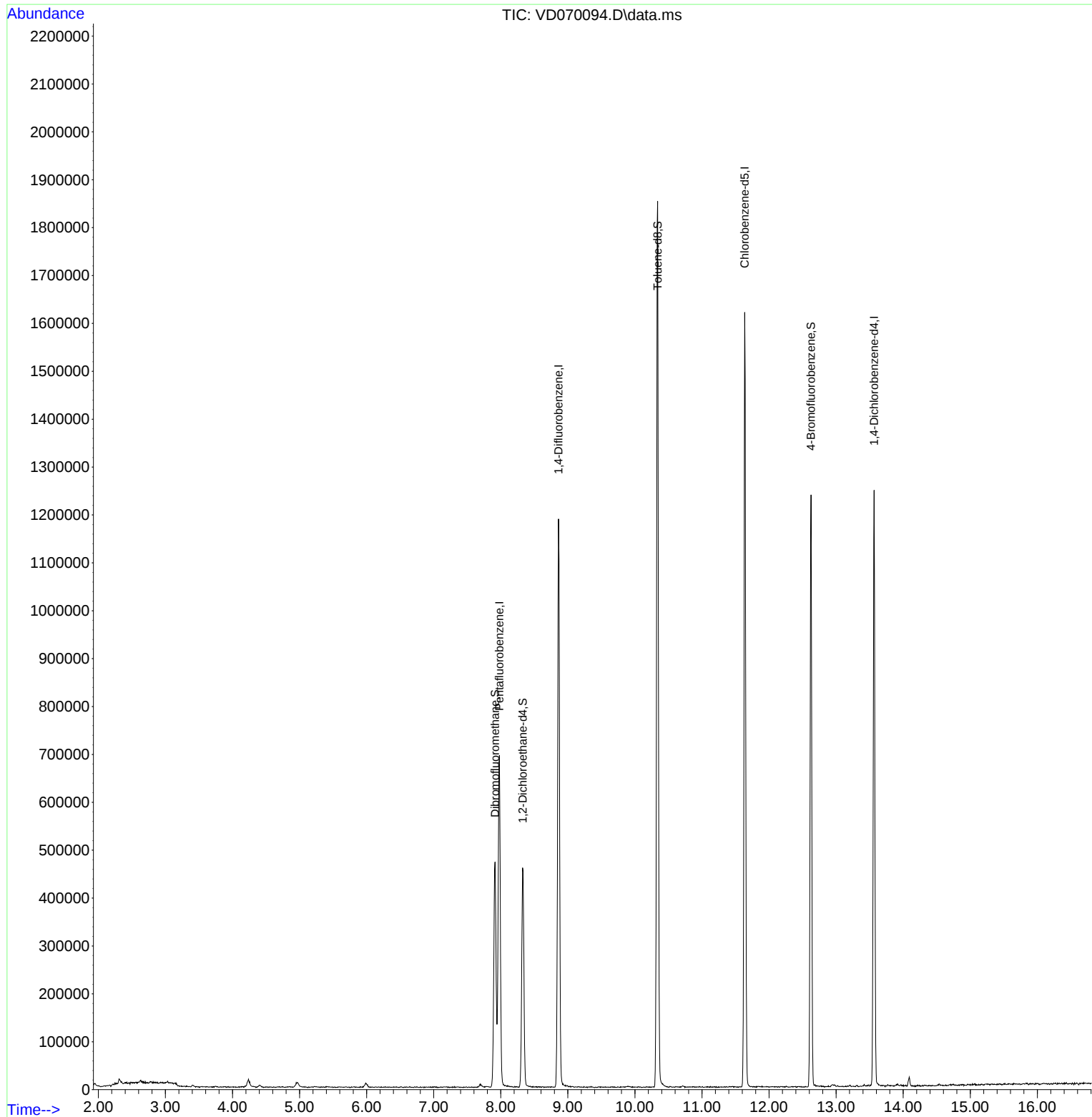
Target Compounds	Qvalue

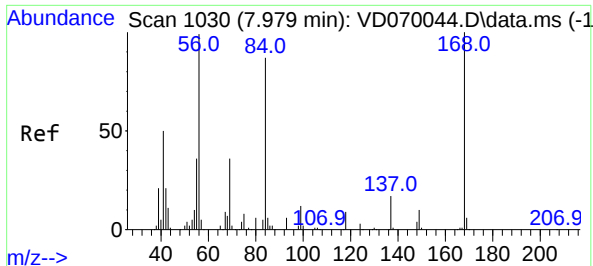
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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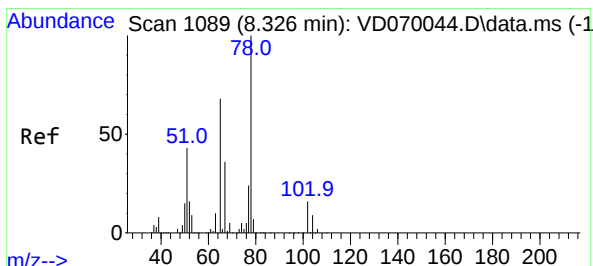
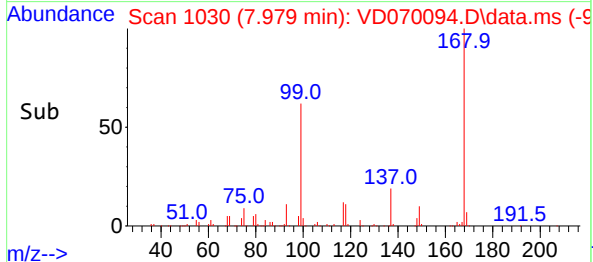
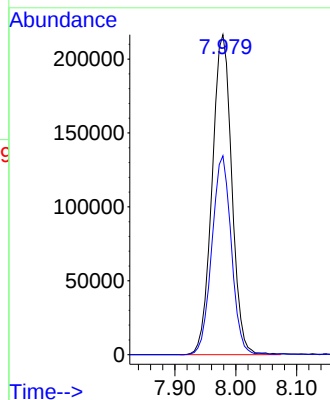
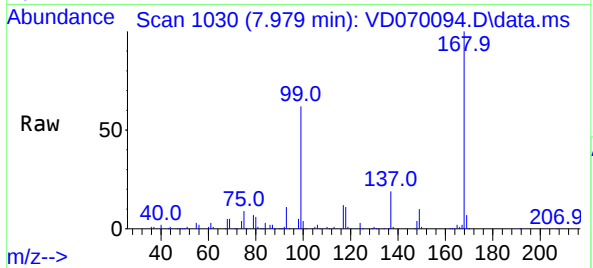




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

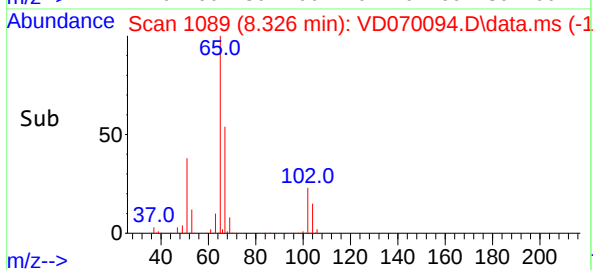
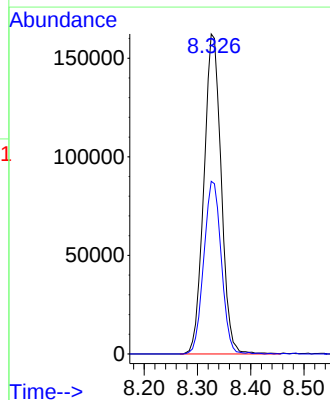
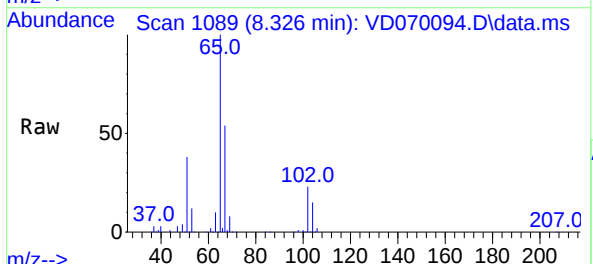
Instrument :
MSVOA_D
ClientSampled :
PG-2

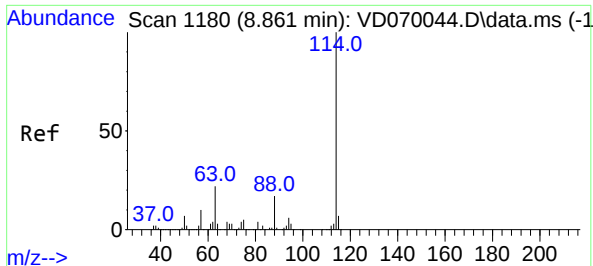
Tgt Ion:168 Resp: 486247
Ion Ratio Lower Upper
168 100
99 62.2 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 64.023 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion: 65 Resp: 366149
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8



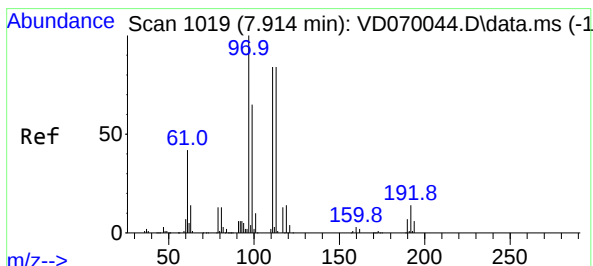
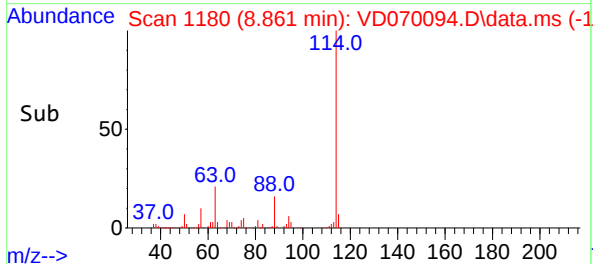
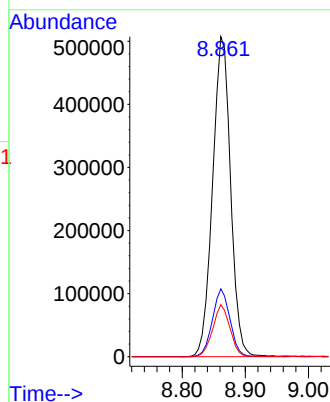
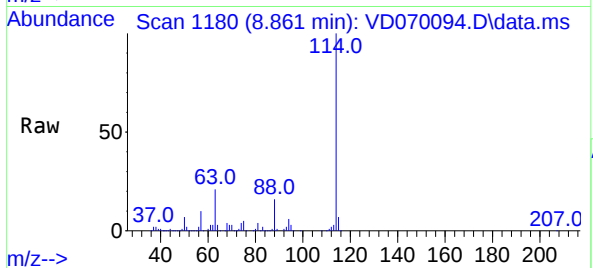


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Instrument :
MSVOA_D
ClientSampled :
PG-2

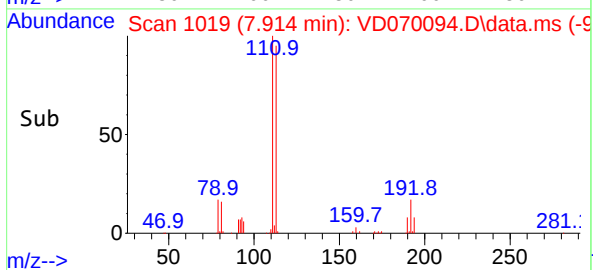
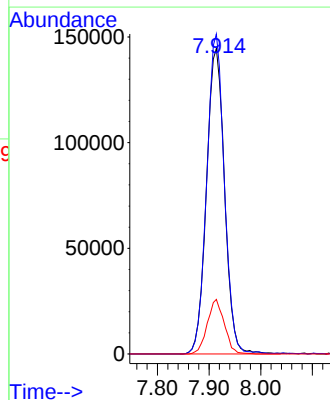
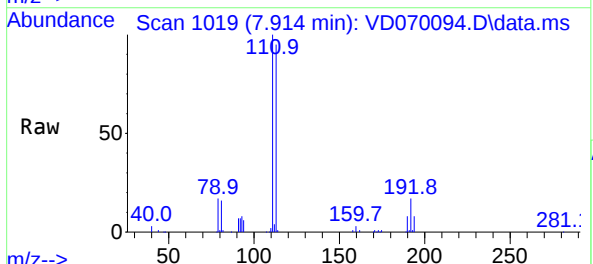
Tgt Ion:114 Resp: 1002437
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.6
88 16.3 0.0 33.4

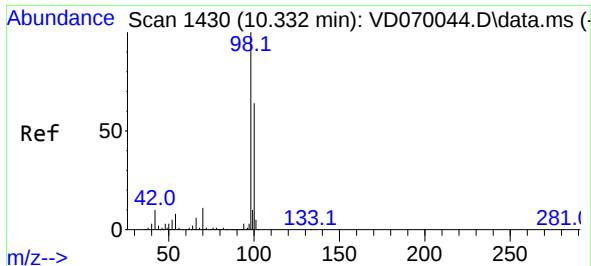


#35

Dibromofluoromethane
Concen: 54.245 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion:113 Resp: 351313
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 16.8 13.2 19.8

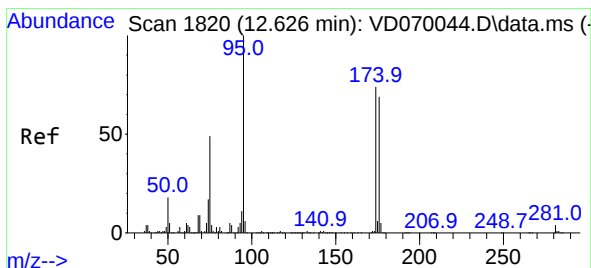
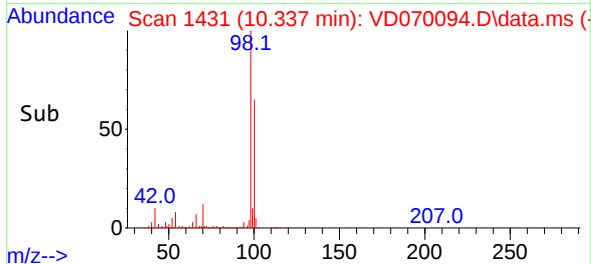
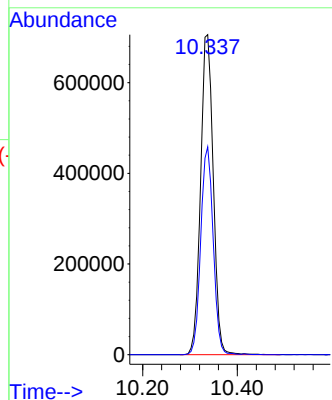
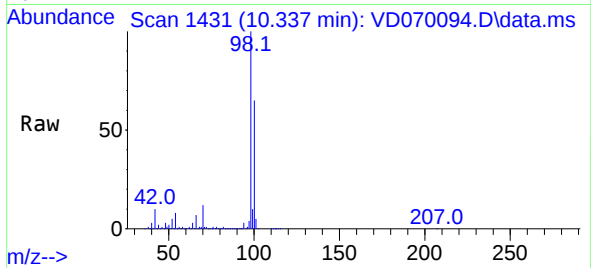




#50
Toluene-d8
Concen: 51.905 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

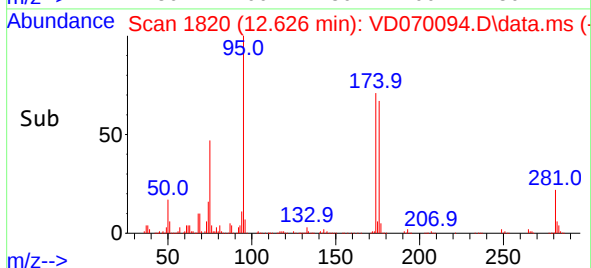
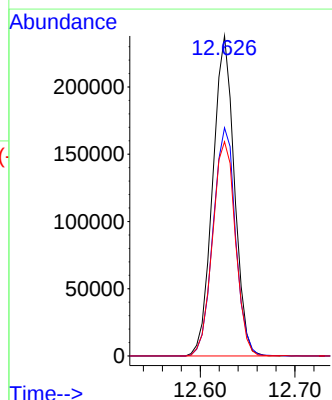
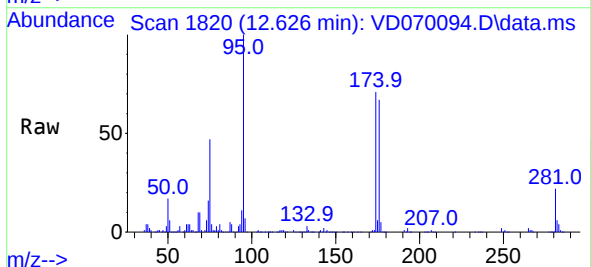
Instrument :
MSVOA_D
ClientSampled :
PG-2

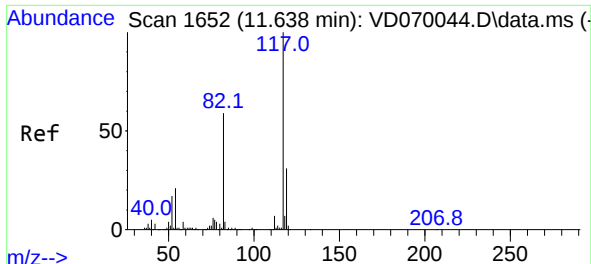
Tgt Ion: 98 Resp: 1307468
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.361 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion: 95 Resp: 376348
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 70.9 0.0 138.2

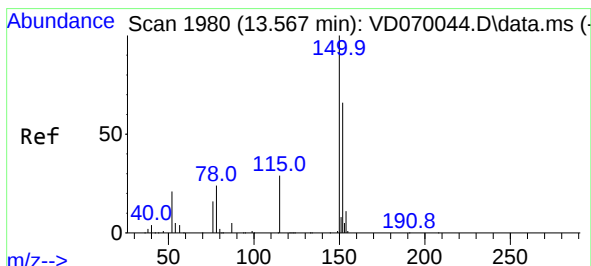
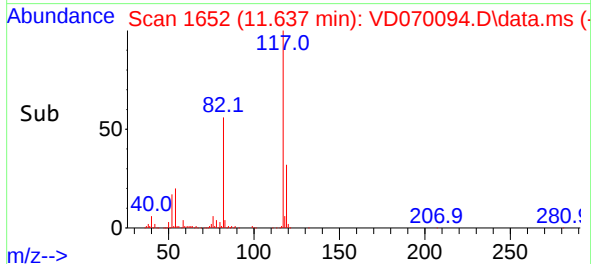
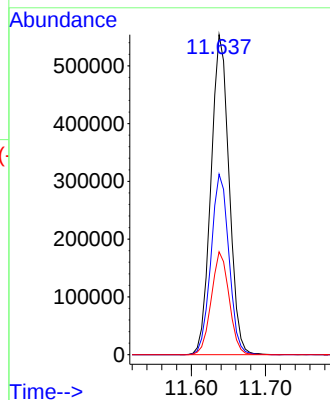
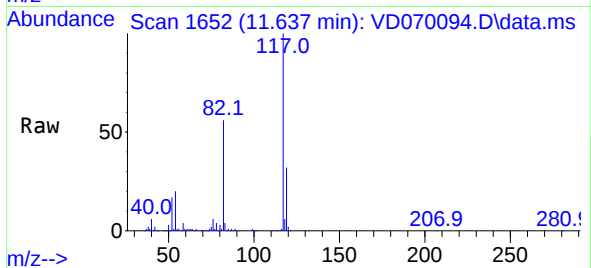




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Instrument :
MSVOA_D
ClientSampled :
PG-2

Tgt Ion:117 Resp: 939129
Ion Ratio Lower Upper
117 100
82 56.4 47.5 71.3
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion:152 Resp: 334291
Ion Ratio Lower Upper
152 100
115 61.3 31.2 93.6
150 157.3 0.0 352.0

