

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071196.D
 Acq On : 08 Dec 2021 10:53
 Operator : VA/SY
 Sample : VD1208SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1208SBL01

Quant Time: Dec 09 10:13:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	225698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	388062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	357697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	155747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141983	53.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.220%
35) Dibromofluoromethane	7.914	113	126827	51.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.338	98	446521	47.482	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.626	95	156694	48.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.140%

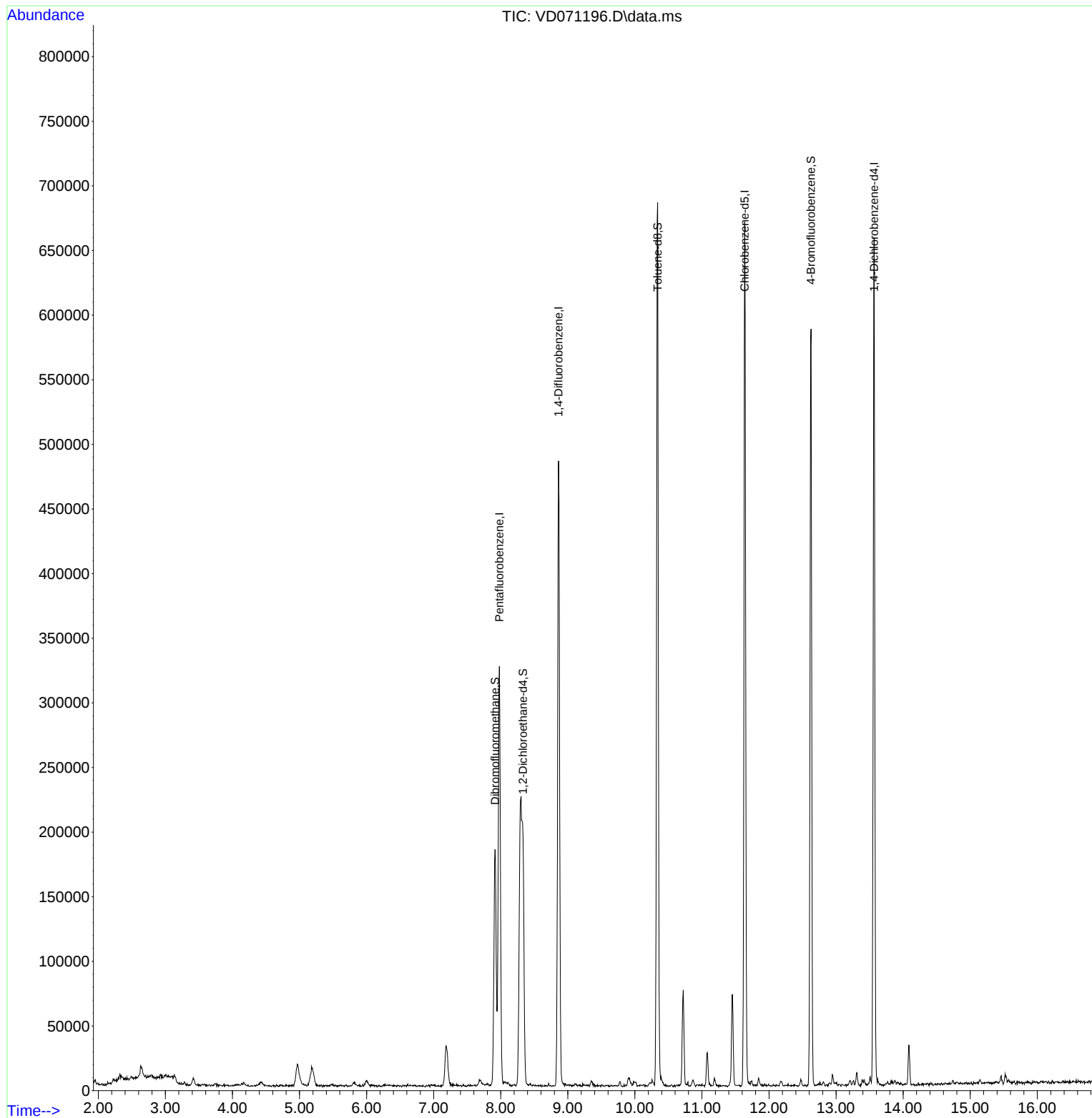
Target Compounds	Qvalue

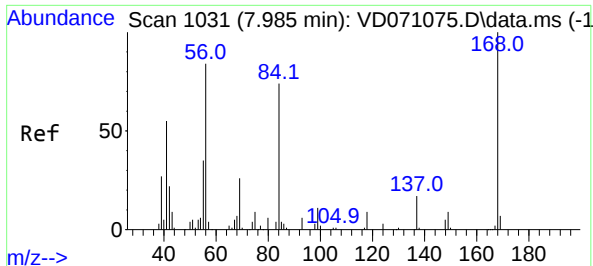
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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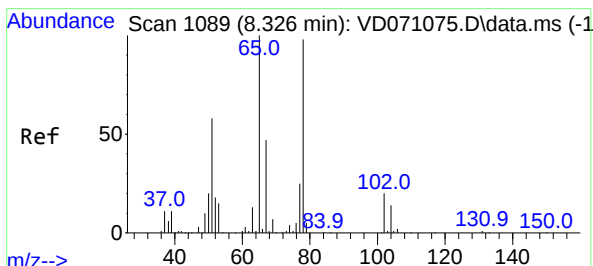
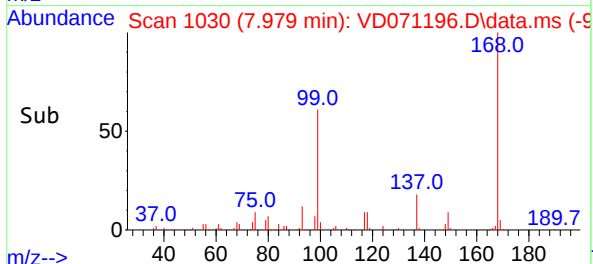
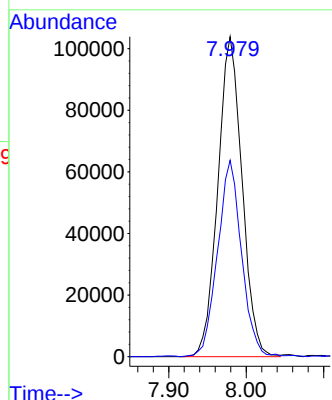
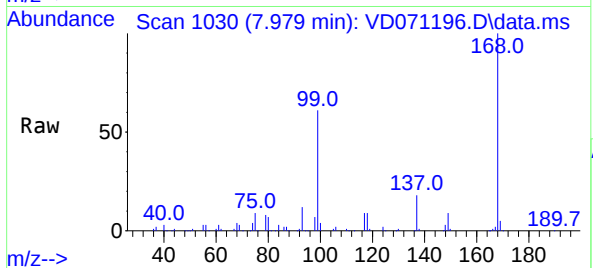




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

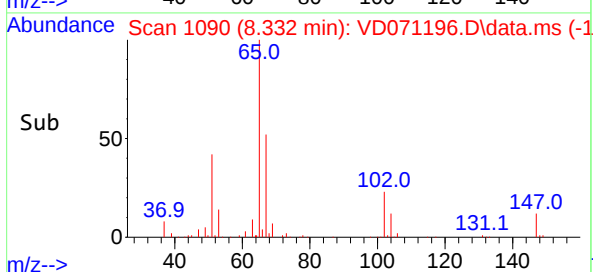
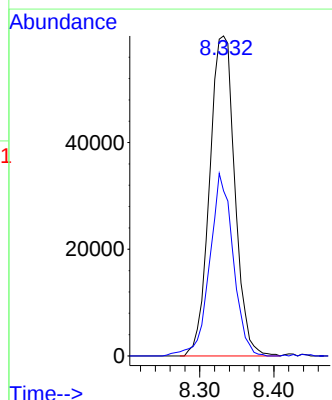
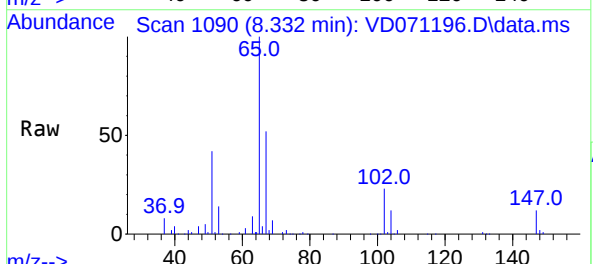
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBL01

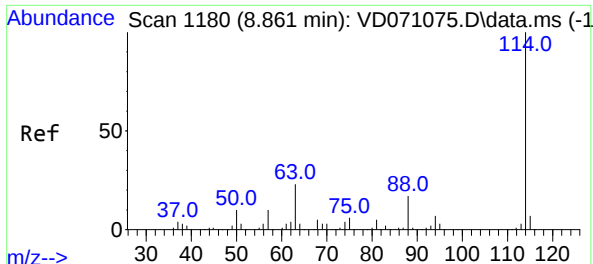
Tgt Ion:168 Resp: 225698
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.613 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion: 65 Resp: 141983
Ion Ratio Lower Upper
65 100
67 53.2 0.0 112.2

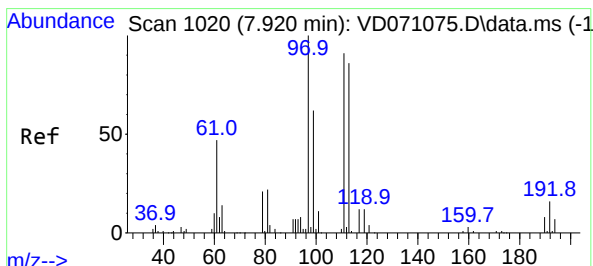
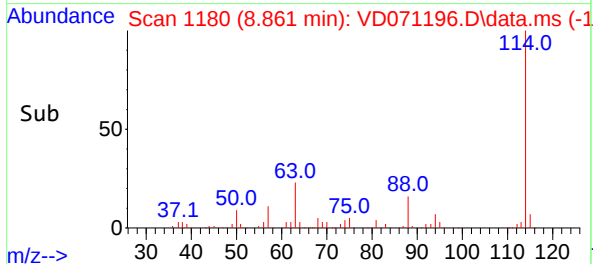
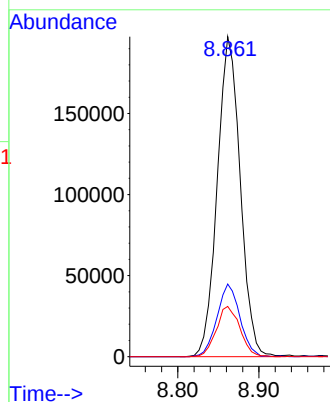
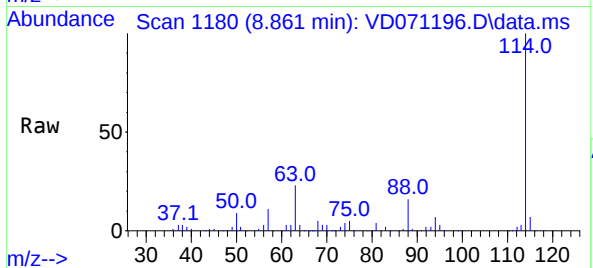




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

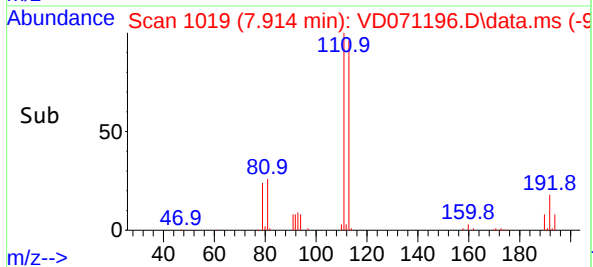
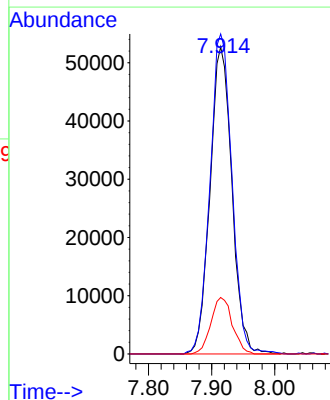
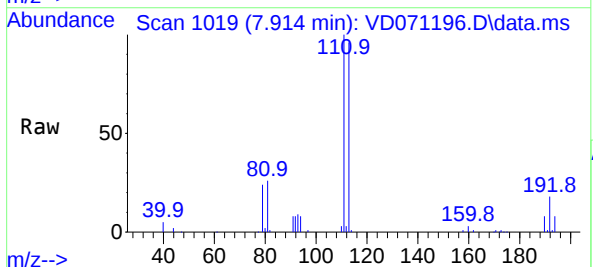
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBL01

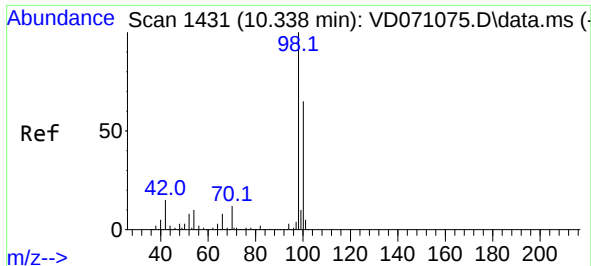
Tgt Ion:114 Resp: 388062
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.323 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion:113 Resp: 126827
Ion Ratio Lower Upper
113 100
111 104.7 82.0 123.0
192 18.0 15.2 22.8

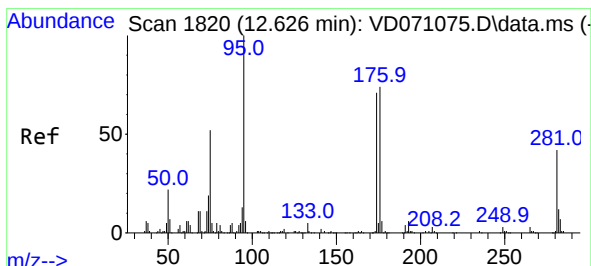
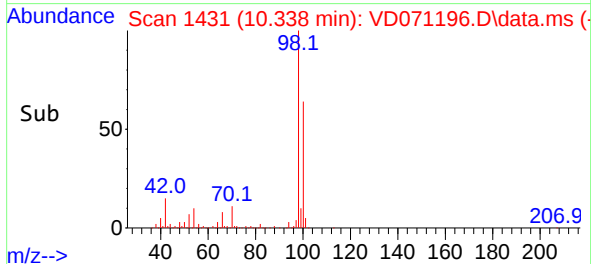
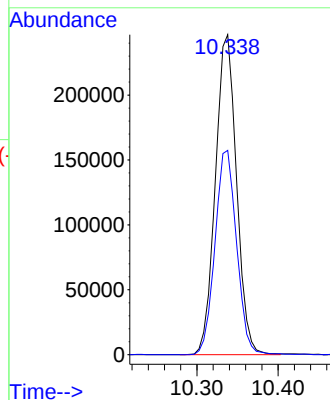
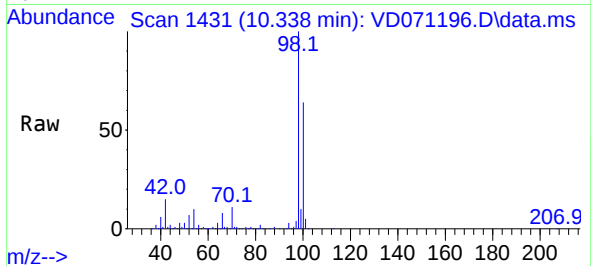




#50
Toluene-d8
Concen: 47.482 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

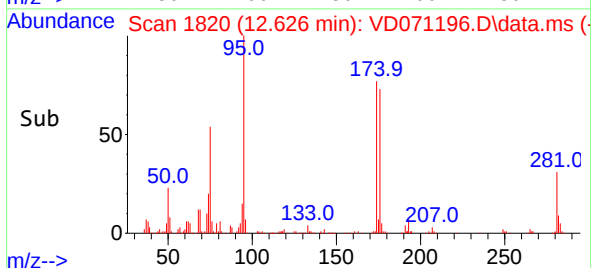
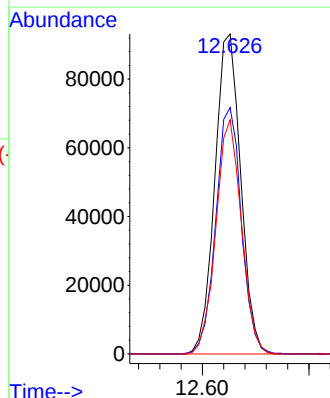
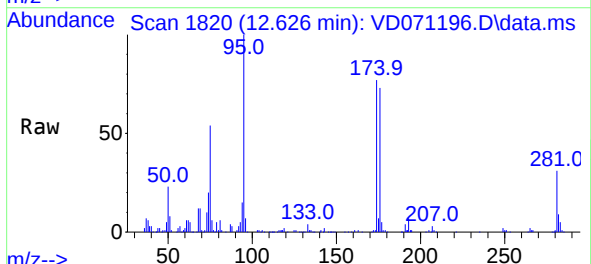
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBL01

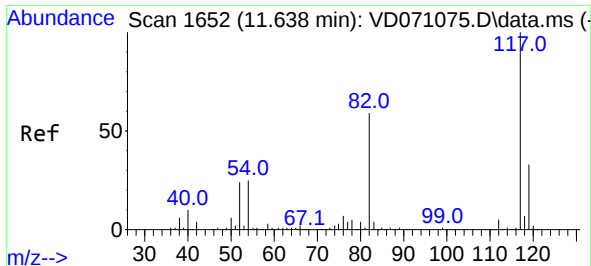
Tgt Ion: 98 Resp: 446521
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.069 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion: 95 Resp: 156694
Ion Ratio Lower Upper
95 100
174 76.2 0.0 159.4
176 72.2 0.0 154.0

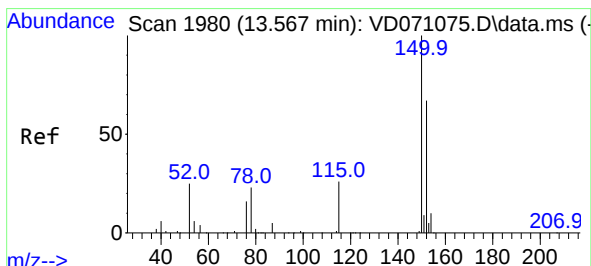
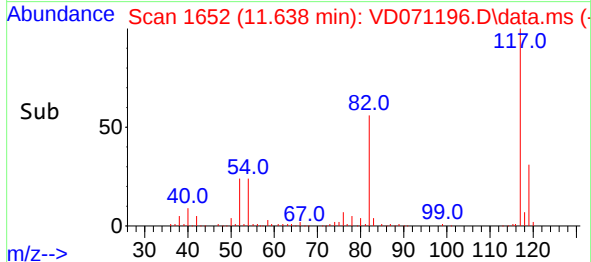
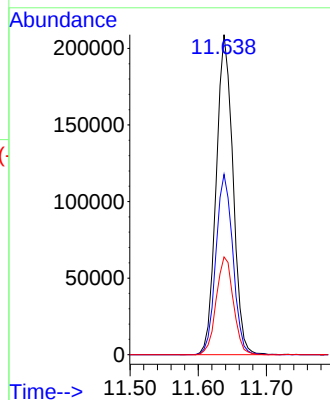
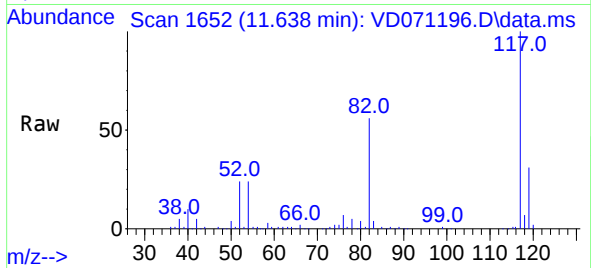




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD1208SBL01

Tgt Ion:117 Resp: 357697
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 30.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071196.D
Acq: 08 Dec 2021 10:53

Tgt Ion:152 Resp: 155747
Ion Ratio Lower Upper
152 100
115 61.7 29.8 89.3
150 160.1 0.0 349.2

