

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071097.D
 Acq On : 01 Dec 2021 10:35
 Operator : VA/SY
 Sample : VD1201SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1201SBL01

Quant Time: Dec 02 03:12:52 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	291021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	494846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	436444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	194901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158393	46.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.914	113	149071	47.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.338	98	551210	45.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.940%
62) 4-Bromofluorobenzene	12.626	95	186714	44.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.840%

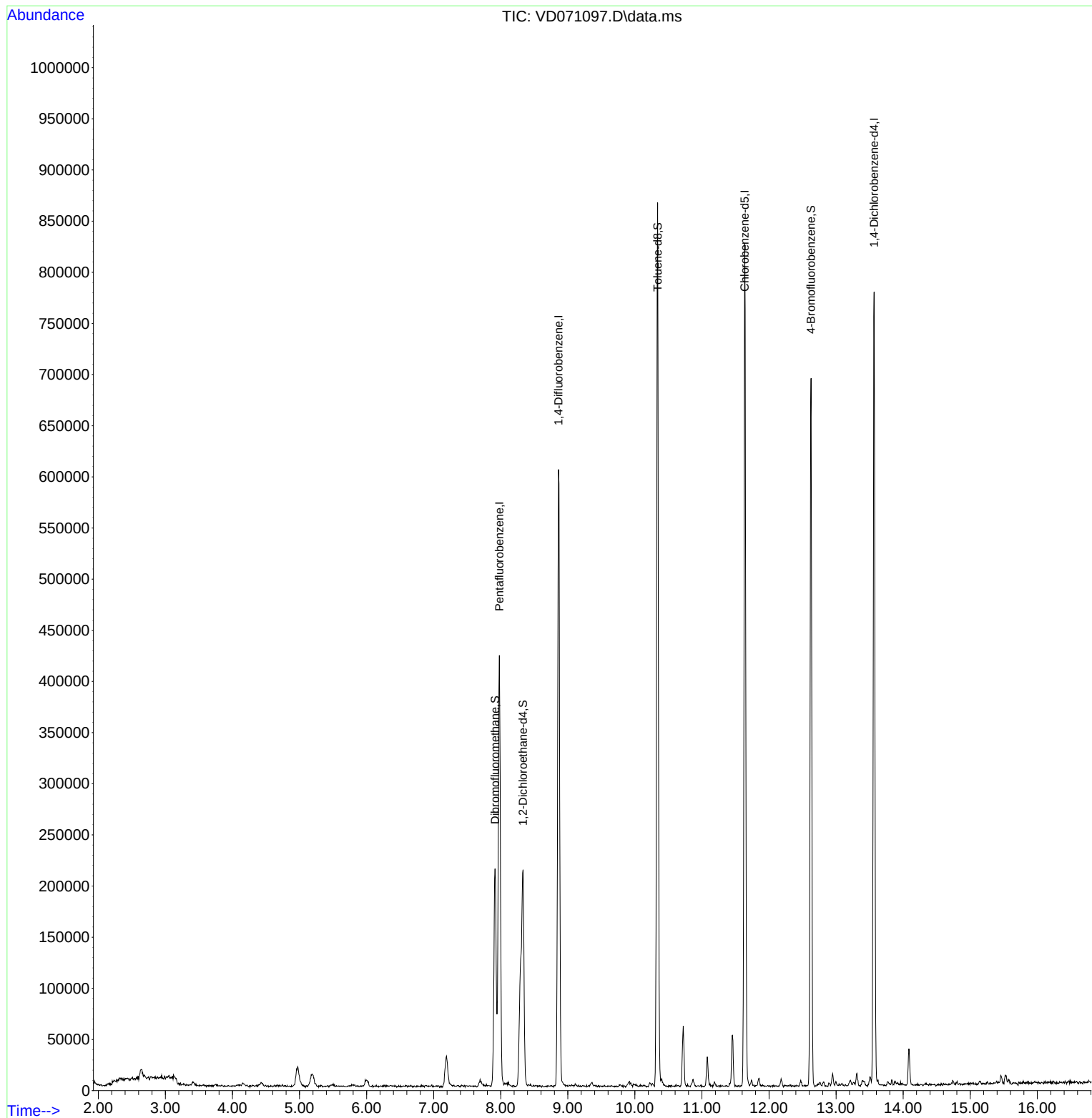
Target Compounds	Qvalue

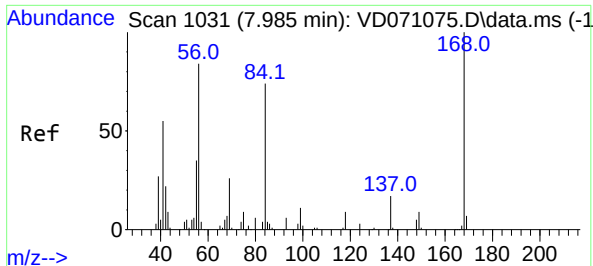
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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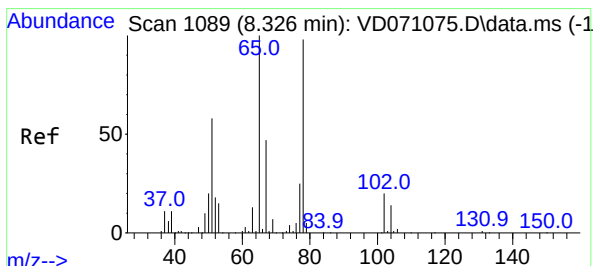
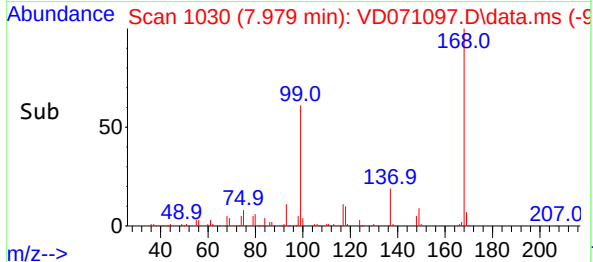
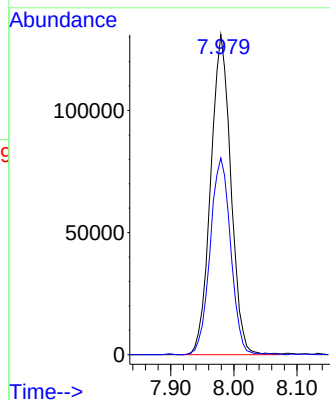
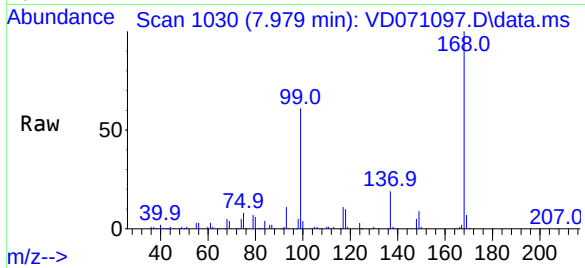




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

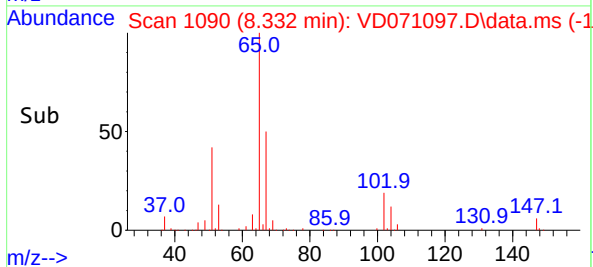
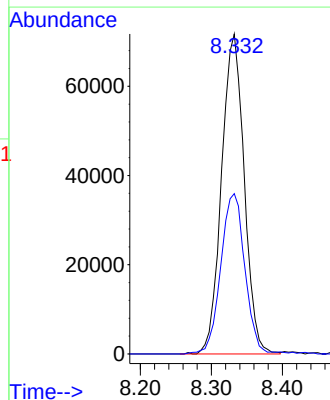
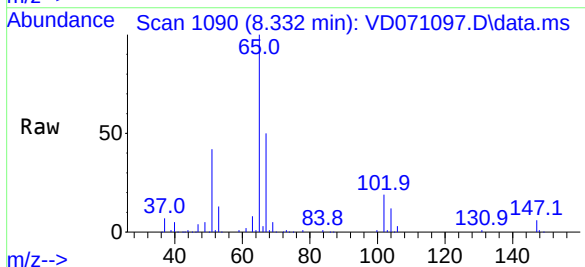
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

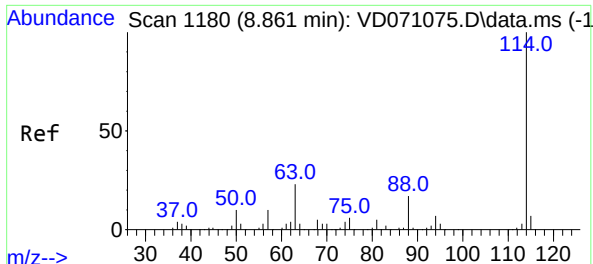
Tgt Ion:168 Resp: 291021
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 46.384 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion: 65 Resp: 158393
Ion Ratio Lower Upper
65 100
67 53.5 0.0 112.2

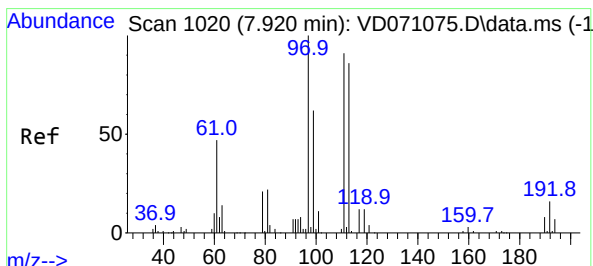
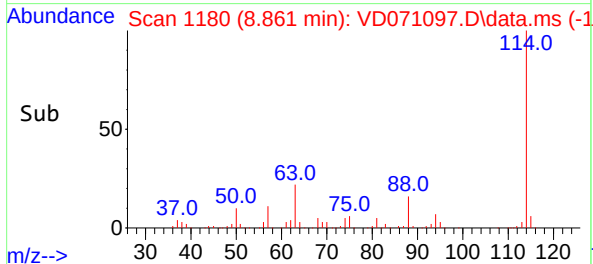
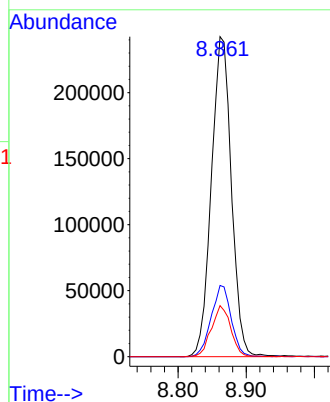
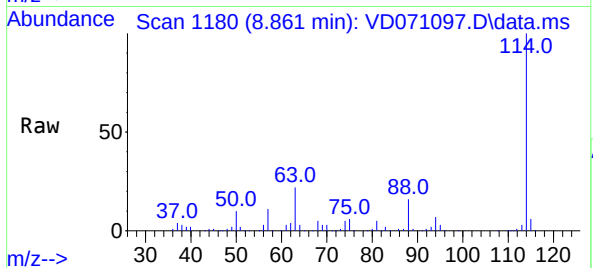




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

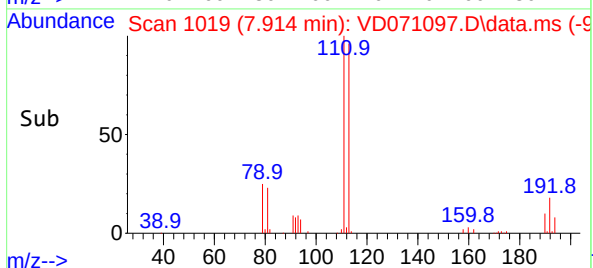
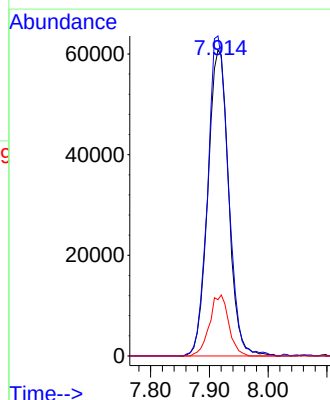
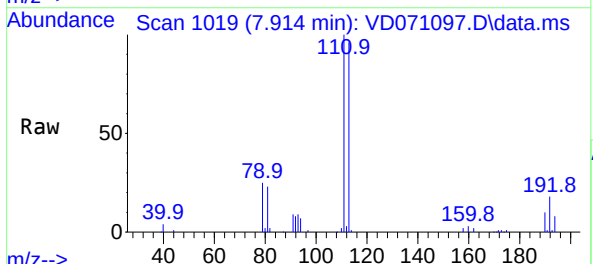
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

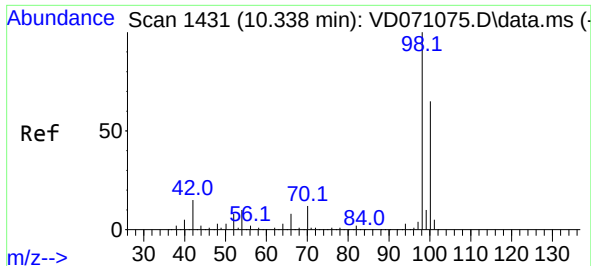
Tgt Ion:114 Resp: 494846
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.307 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion:113 Resp: 149071
Ion Ratio Lower Upper
113 100
111 104.2 82.0 123.0
192 18.4 15.2 22.8

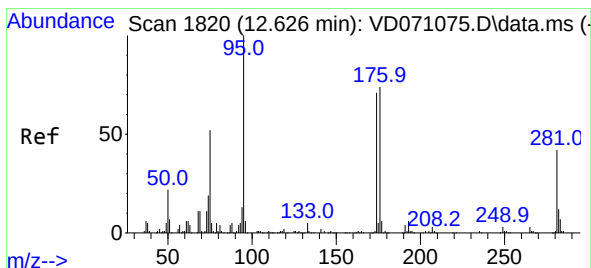
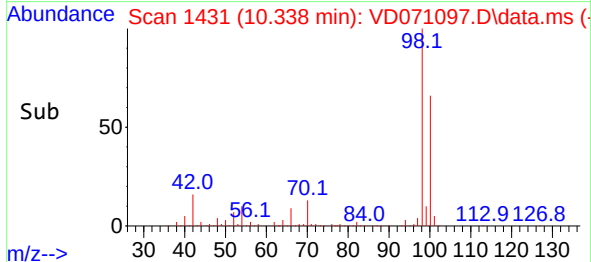
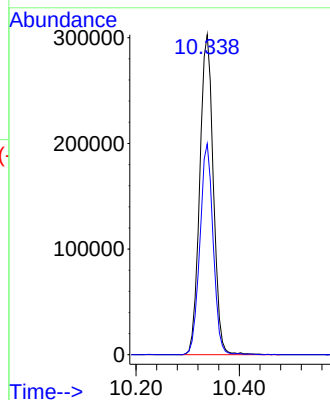
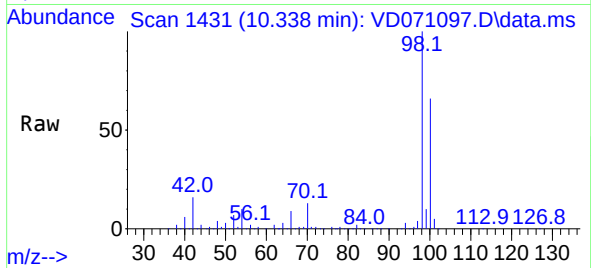




#50
Toluene-d8
Concen: 45.966 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

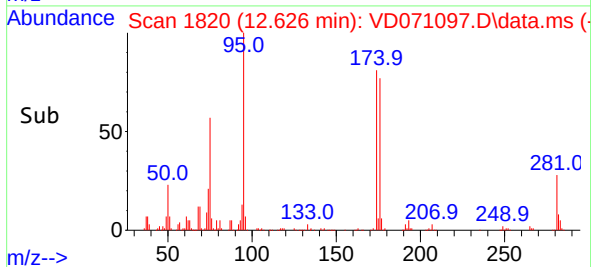
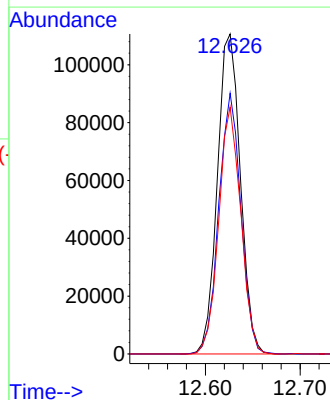
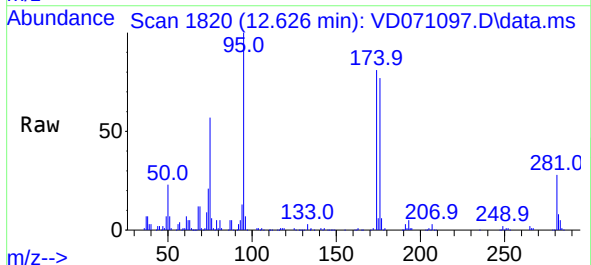
Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

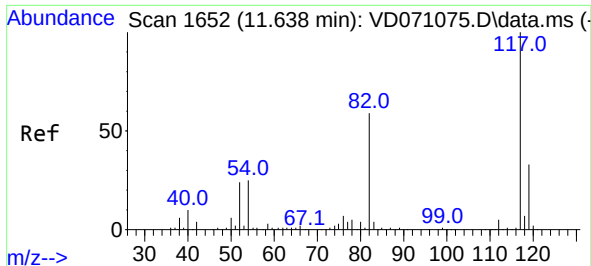
Tgt Ion: 98 Resp: 551210
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.918 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion: 95 Resp: 186714
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 74.1 0.0 154.0

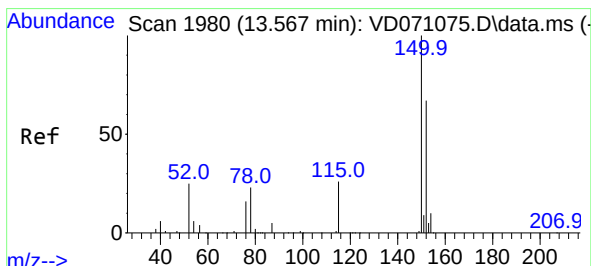
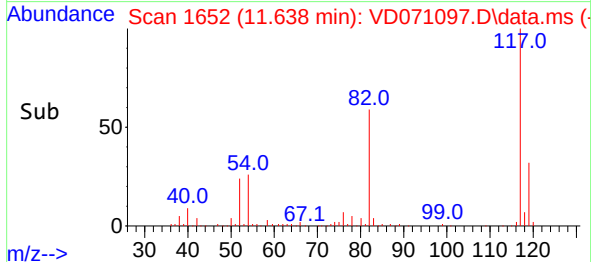
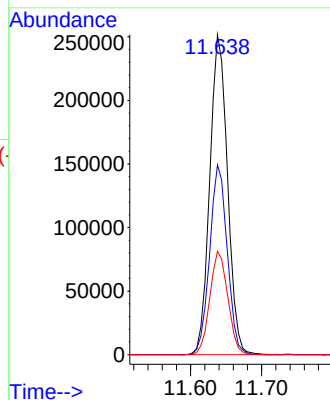
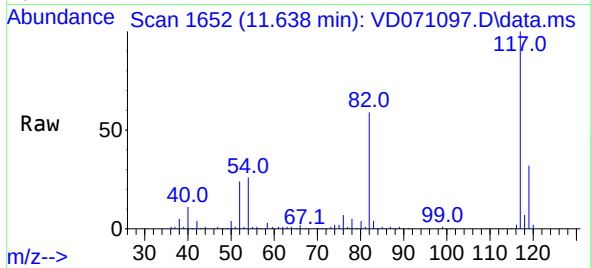




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071097.D
Acq: 01 Dec 2021 10:35

Instrument :
MSVOA_D
ClientSampleId :
VD1201SBL01

Tgt Ion:117 Resp: 436444
Ion Ratio Lower Upper
117 100
82 59.3 44.7 67.1
119 32.3 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: VD071097.D
Acq: 01 Dec 2021 10:35

Tgt Ion:152 Resp: 194901
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 157.1 0.0 349.2

