

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071291.D
 Acq On : 13 Dec 2021 12:44
 Operator : VA/SY
 Sample : M5051-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-2

Quant Time: Dec 14 08:13:14 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	7.973	168	106997	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	184260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	215596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	118558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	82095	65.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.780%
35) Dibromofluoromethane	7.909	113	65639	55.942	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.880%
50) Toluene-d8	10.338	98	235485	52.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.620	95	111580	72.089	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.180%#

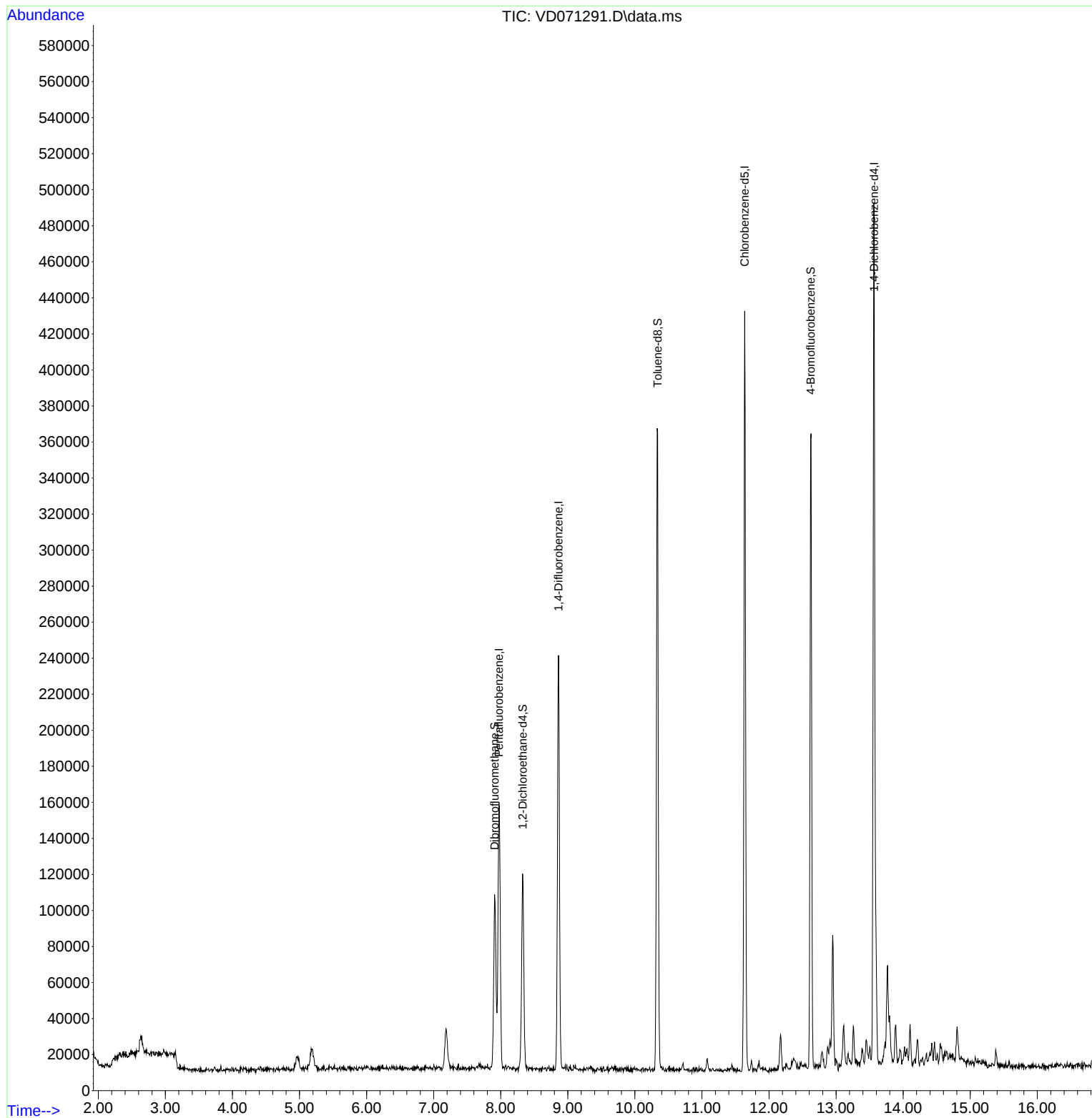
Target Compounds	Qvalue

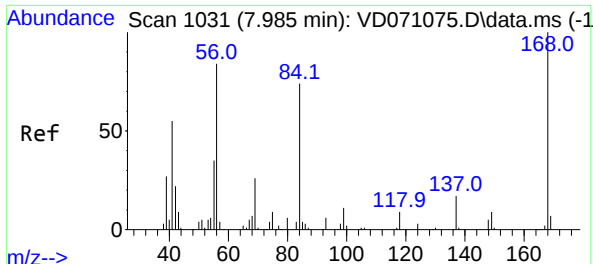
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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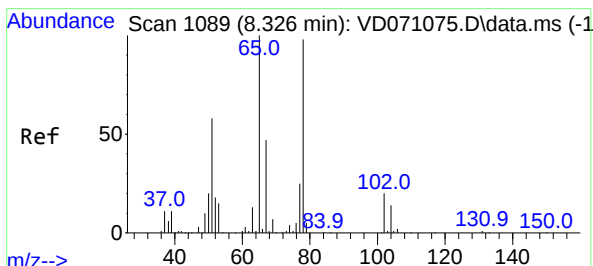
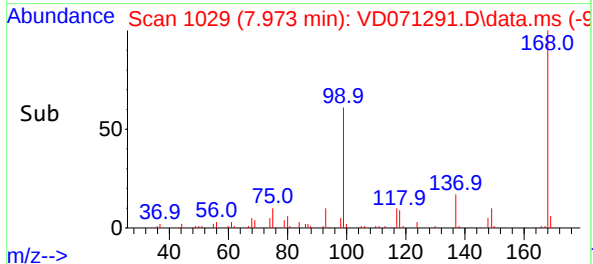
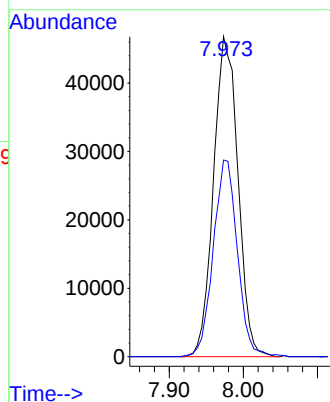
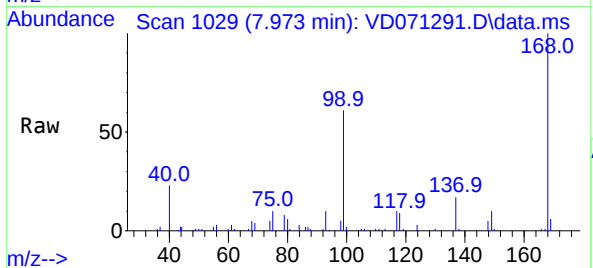




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071291.D
Acq: 13 Dec 2021 12:44

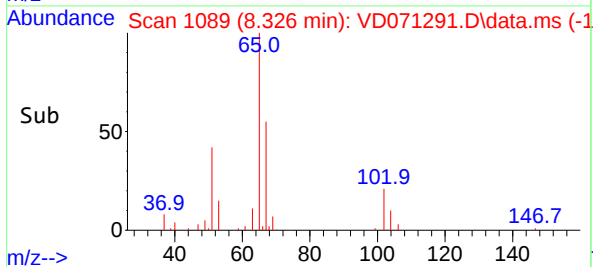
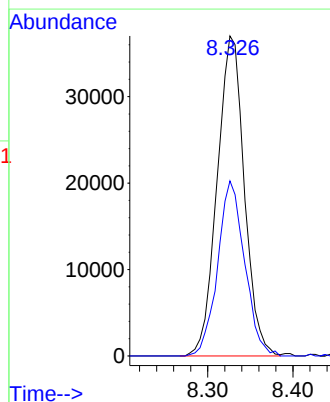
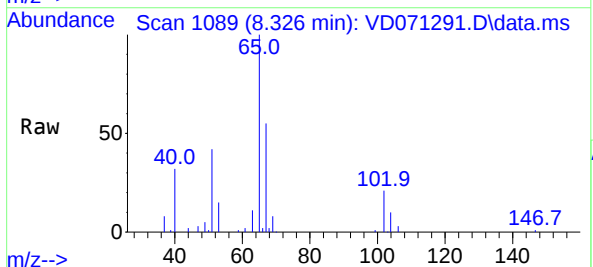
Instrument :
MSVOA_D
ClientSampleId :
P-2

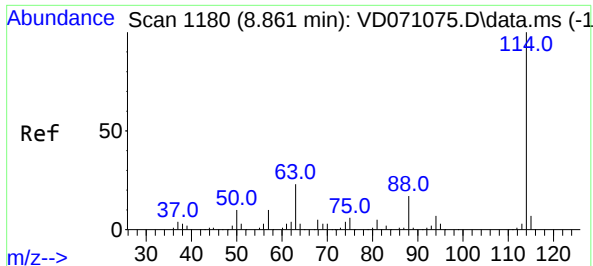
Tgt Ion:168 Resp: 106997
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 65.389 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071291.D
Acq: 13 Dec 2021 12:44

Tgt Ion: 65 Resp: 82095
Ion Ratio Lower Upper
65 100
67 54.3 0.0 112.2

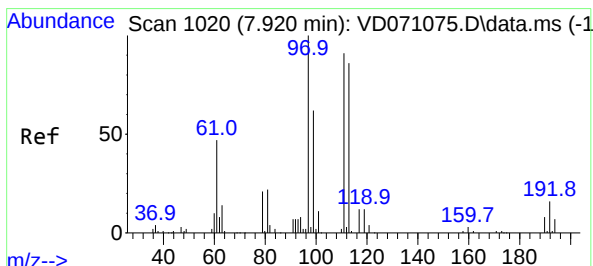
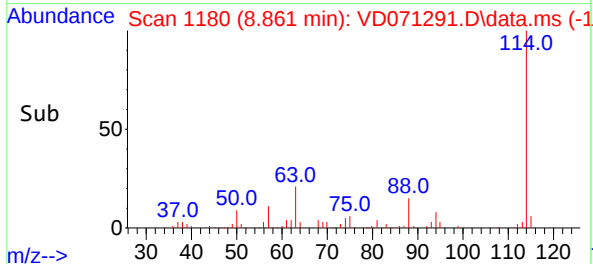
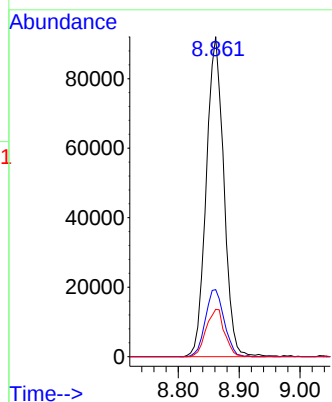
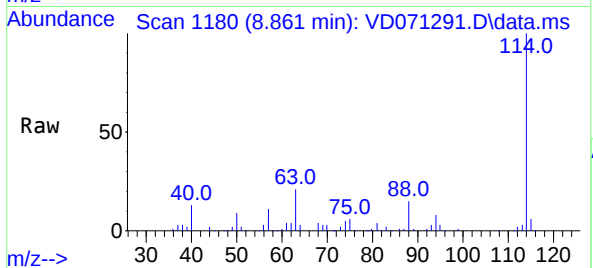




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071291.D
Acq: 13 Dec 2021 12:44

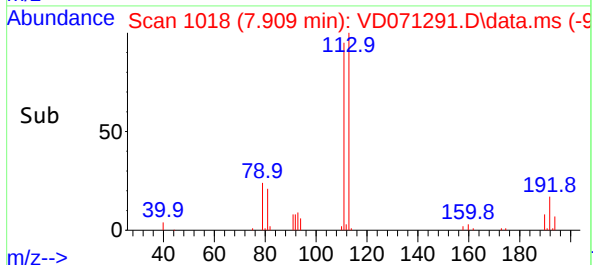
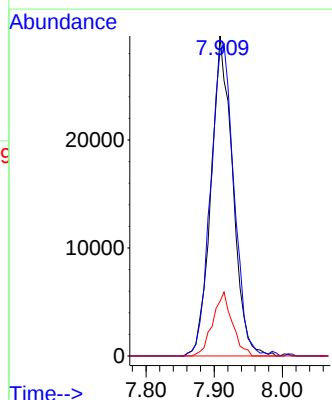
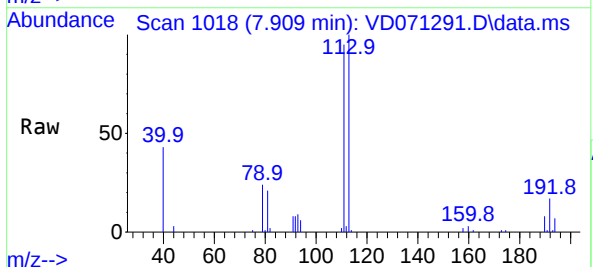
Instrument :
MSVOA_D
ClientSampleId :
P-2

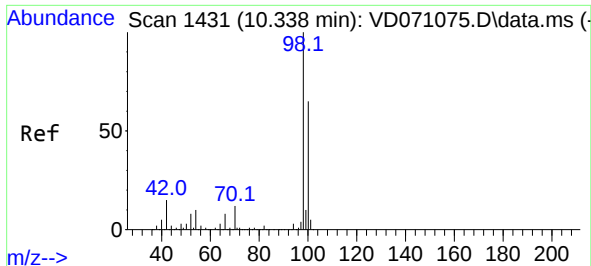
Tgt Ion:114 Resp: 184260
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.8
88 14.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 55.942 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD071291.D
Acq: 13 Dec 2021 12:44

Tgt Ion:113 Resp: 65639
Ion Ratio Lower Upper
113 100
111 104.6 82.0 123.0
192 17.9 15.2 22.8

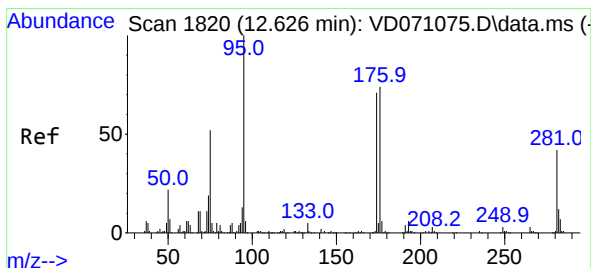
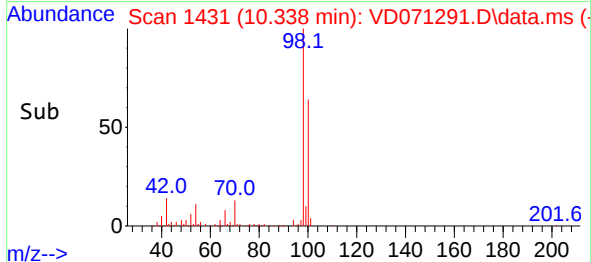
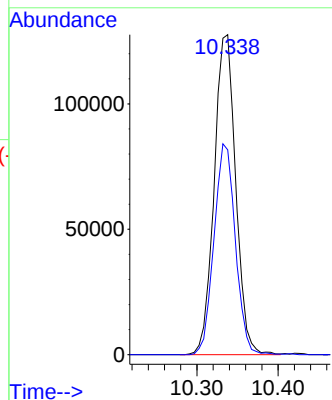
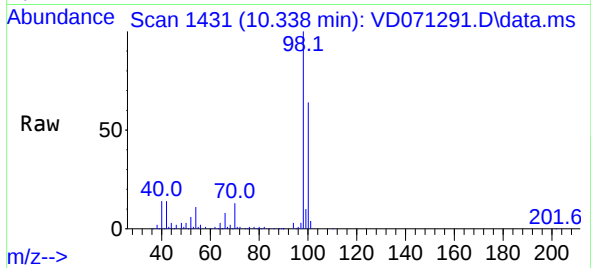




#50
Toluene-d8
Concen: 52.738 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071291.D
Acq: 13 Dec 2021 12:44

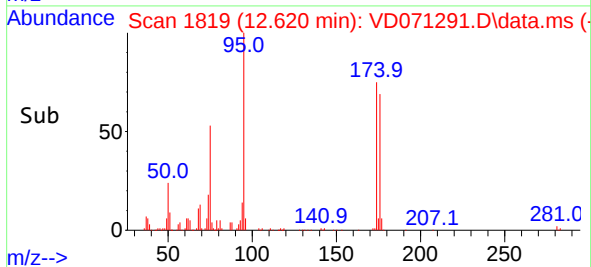
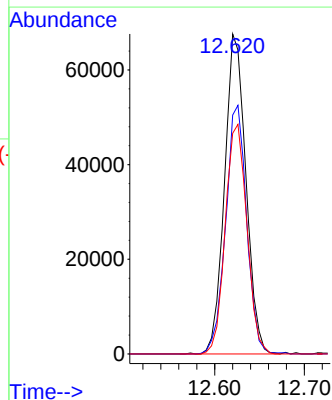
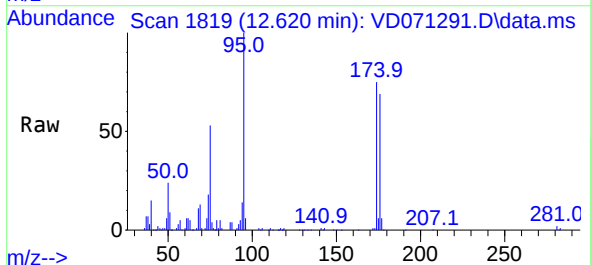
Instrument :
MSVOA_D
ClientSampleId :
P-2

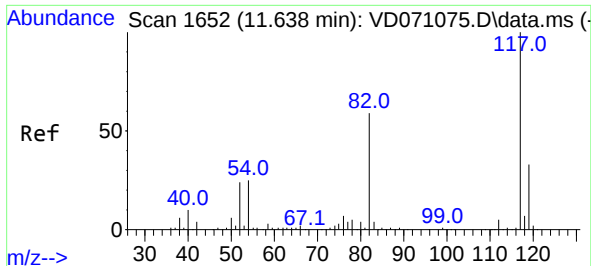
Tgt Ion: 98 Resp: 235485
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 72.089 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071291.D
Acq: 13 Dec 2021 12:44

Tgt Ion: 95 Resp: 111580
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 72.7 0.0 154.0

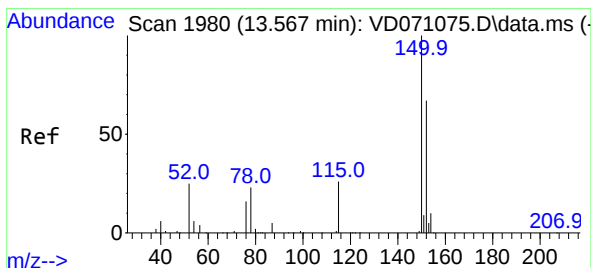
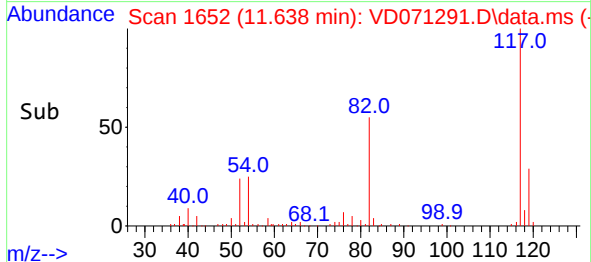
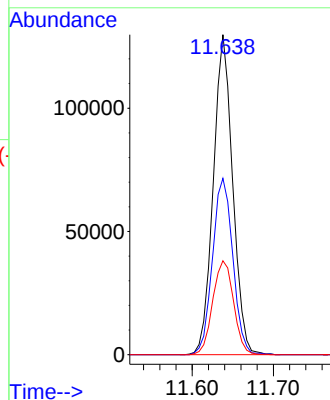
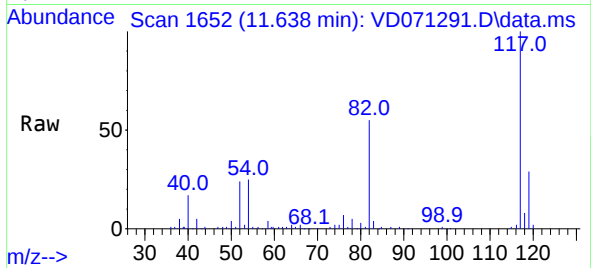




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071291.D
Acq: 13 Dec 2021 12:44

Instrument :
MSVOA_D
ClientSampleId :
P-2

Tgt Ion:117 Resp: 215596
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 29.4 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: VD071291.D
Acq: 13 Dec 2021 12:44

Tgt Ion:152 Resp: 118558
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 157.0 0.0 349.2

