

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071302.D
 Acq On : 13 Dec 2021 17:52
 Operator : VA/SY
 Sample : M5022-09
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP10

Quant Time: Dec 14 08:15:00 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	36377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	64360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	83204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	42865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	32385	75.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.740%
35) Dibromofluoromethane	7.920	113	23725	57.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.780%
50) Toluene-d8	10.338	98	84011	53.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.740%
62) 4-Bromofluorobenzene	12.626	95	40438	74.798	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	149.600%#

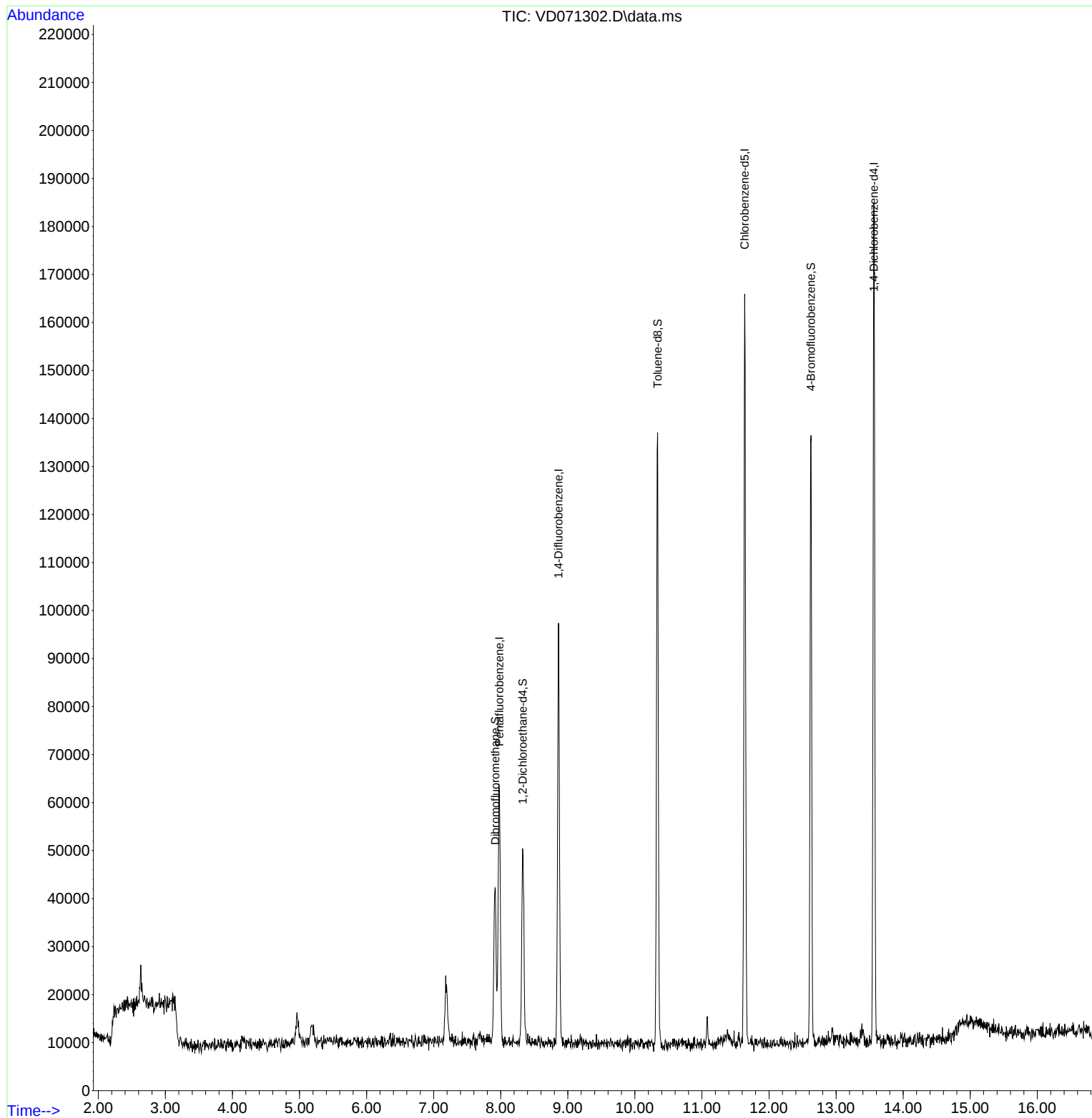
Target Compounds	Qvalue

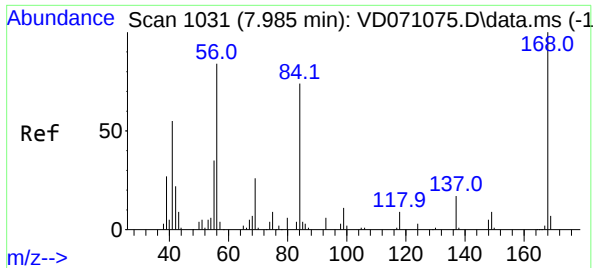
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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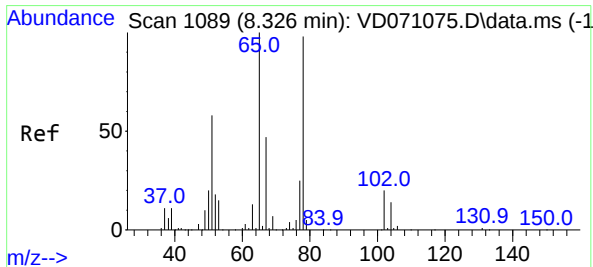
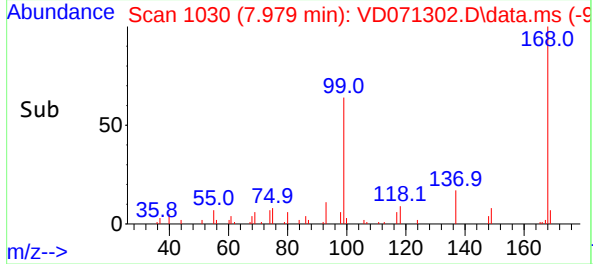
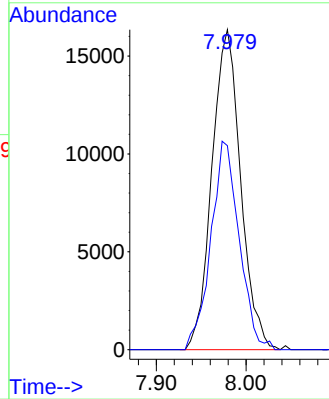
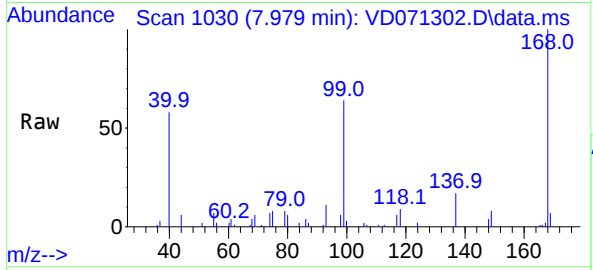




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071302.D
Acq: 13 Dec 2021 17:52

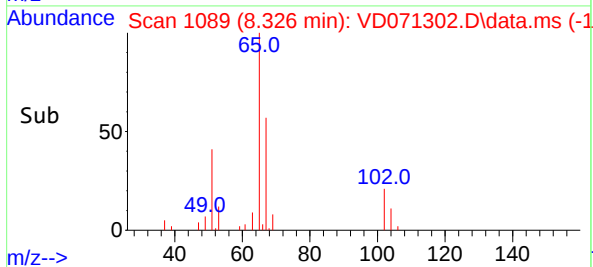
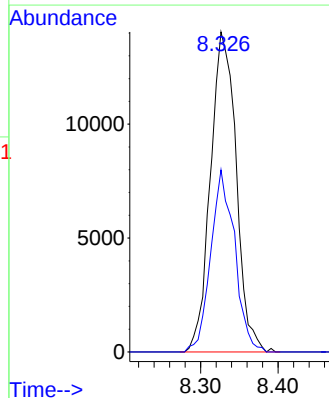
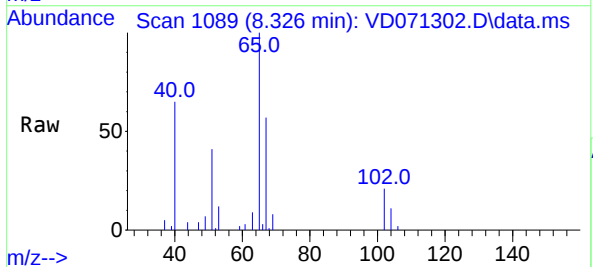
Instrument :
MSVOA_D
ClientSampleId :
TP10

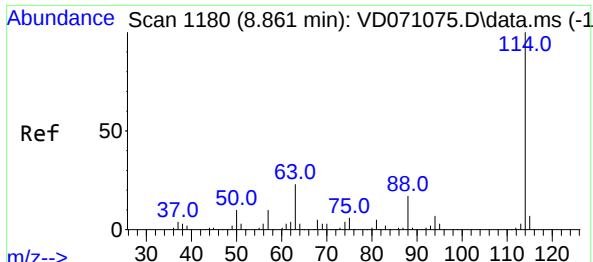
Tgt Ion:168 Resp: 36377
Ion Ratio Lower Upper
168 100
99 63.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 75.871 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071302.D
Acq: 13 Dec 2021 17:52

Tgt Ion: 65 Resp: 32385
Ion Ratio Lower Upper
65 100
67 53.0 0.0 112.2



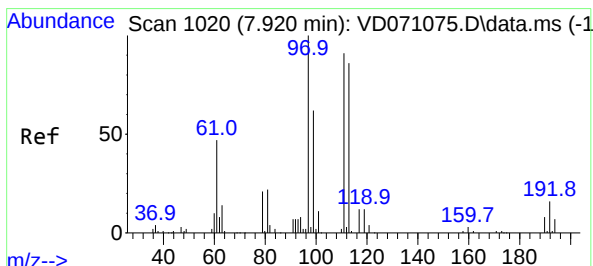
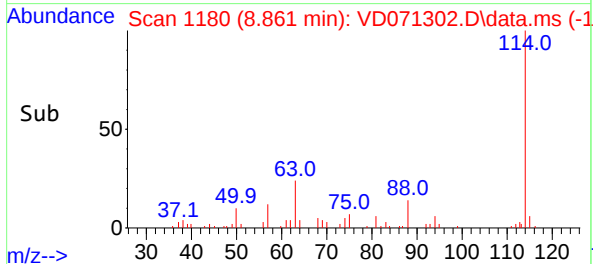
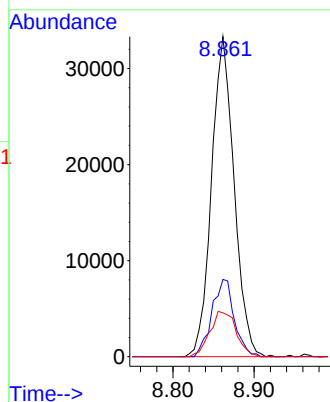
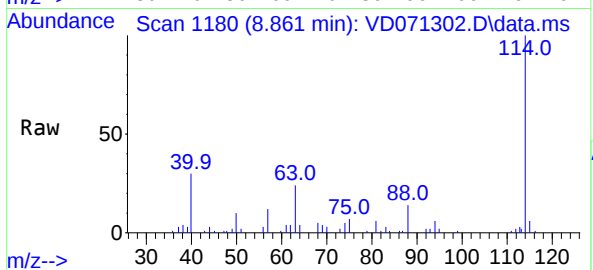


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071302.D
Acq: 13 Dec 2021 17:52

Instrument :
MSVOA_D
ClientSampleId :
TP10

Tgt Ion:114 Resp: 64360

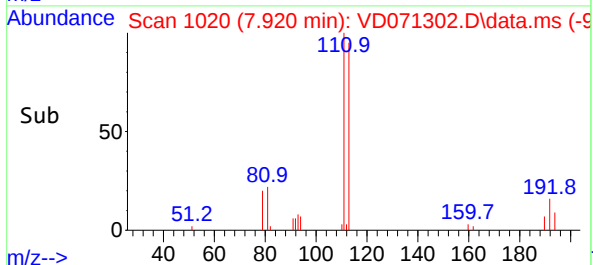
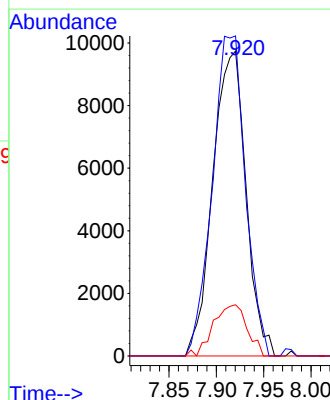
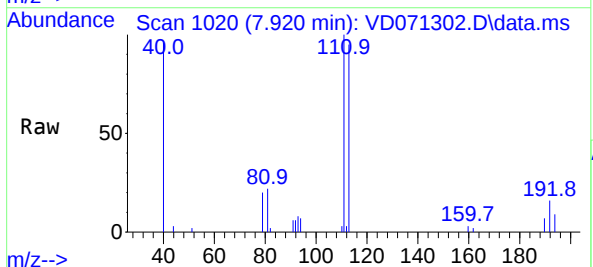
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	41.8
88	13.7	0.0	32.8

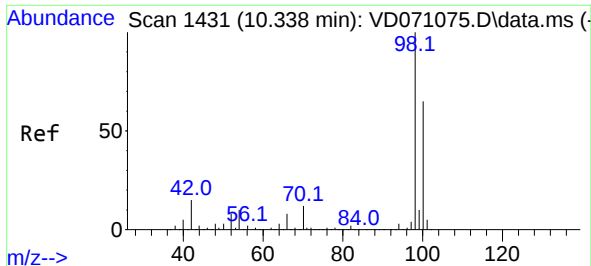


#35
Dibromofluoromethane
Concen: 57.889 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD071302.D
Acq: 13 Dec 2021 17:52

Tgt Ion:113 Resp: 23725

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.0	123.0
192	17.0	15.2	22.8

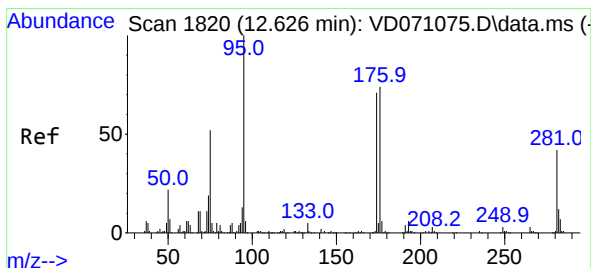
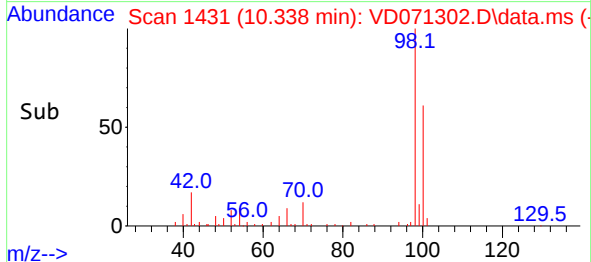
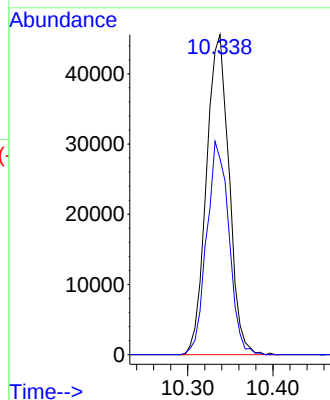
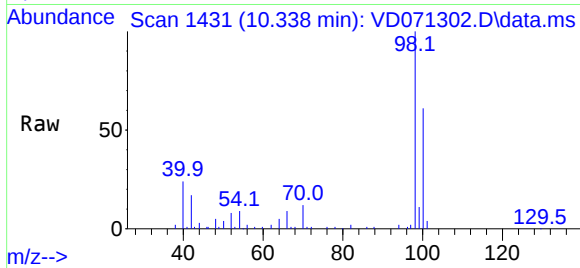




#50
Toluene-d8
Concen: 53.866 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071302.D
Acq: 13 Dec 2021 17:52

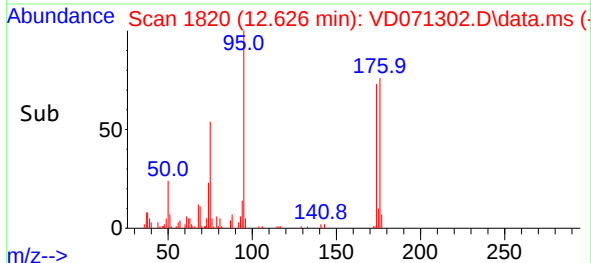
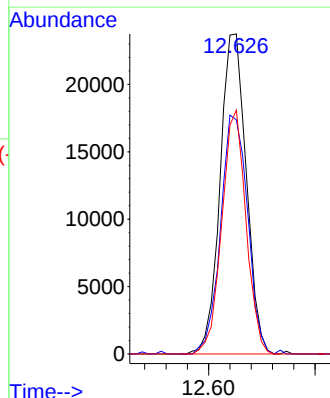
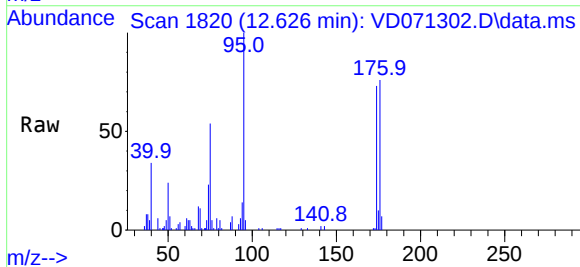
Instrument :
MSVOA_D
ClientSampleId :
TP10

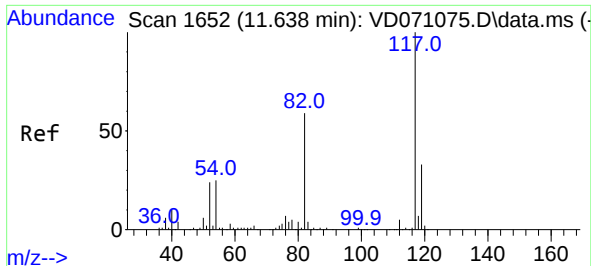
Tgt Ion: 98 Resp: 84011
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 74.798 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071302.D
Acq: 13 Dec 2021 17:52

Tgt Ion: 95 Resp: 40438
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 70.4 0.0 154.0

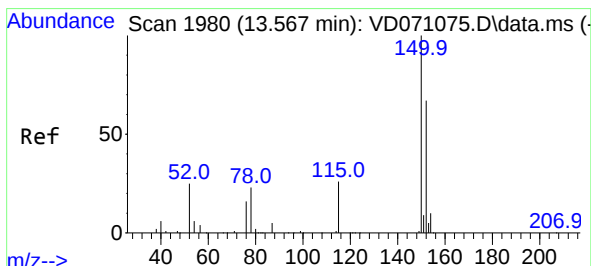
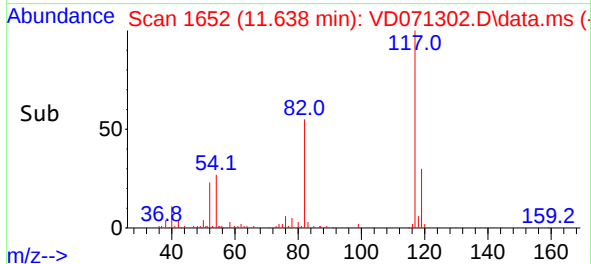
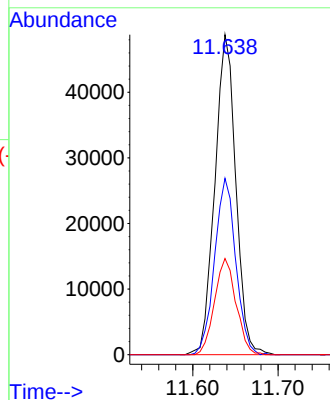
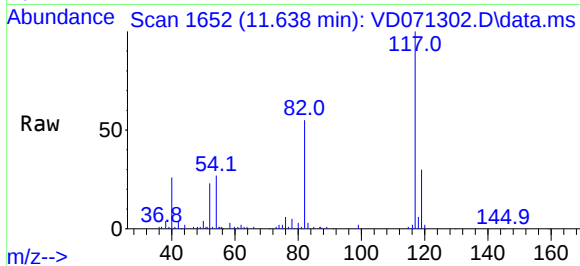




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071302.D
Acq: 13 Dec 2021 17:52

Instrument :
MSVOA_D
ClientSampleId :
TP10

Tgt Ion:	117	Resp:	83204
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.7	67.1
119	30.0	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071302.D
Acq: 13 Dec 2021 17:52

Tgt Ion:	152	Resp:	42865
Ion	Ratio	Lower	Upper
152	100		
115	62.5	29.8	89.3
150	163.1	0.0	349.2

