

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071330.D
 Acq On : 14 Dec 2021 19:41
 Operator : VA/SY
 Sample : M5065-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UV-1WCRE

Quant Time: Dec 15 08:33:46 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	41786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	71029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	90017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	46469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	32913	67.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.260%
35) Dibromofluoromethane	7.914	113	23360	51.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.332	98	91702	53.276	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.560%
62) 4-Bromofluorobenzene	12.620	95	44092	73.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	147.800%#

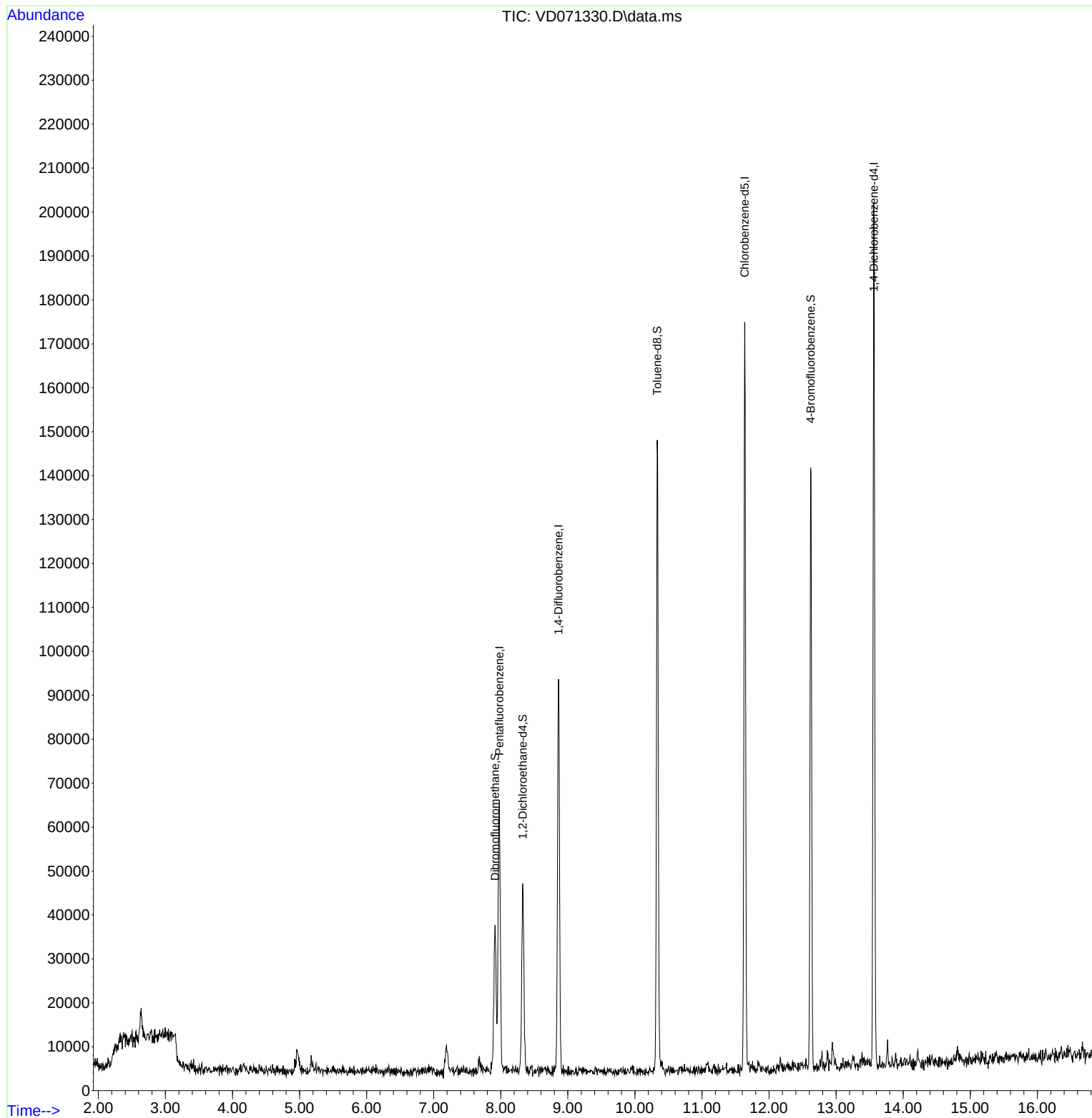
Target Compounds	Qvalue

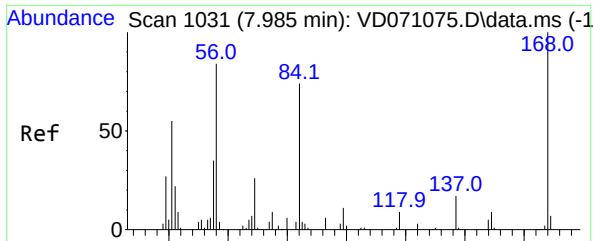
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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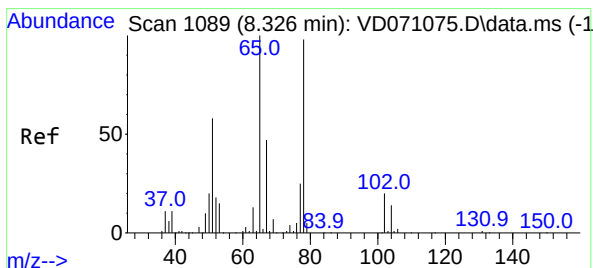
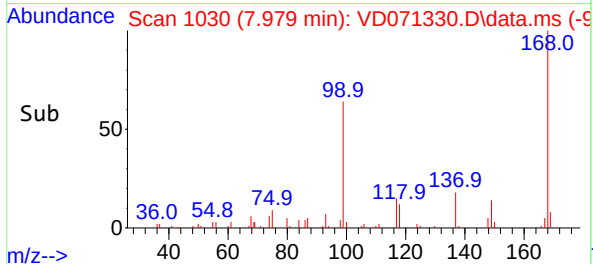
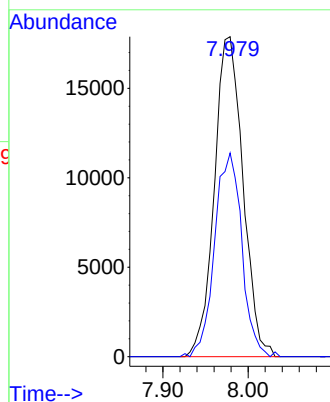
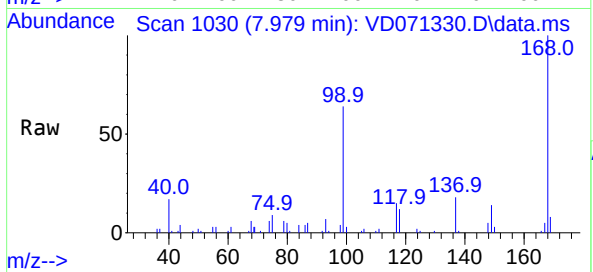




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071330.D
Acq: 14 Dec 2021 19:41

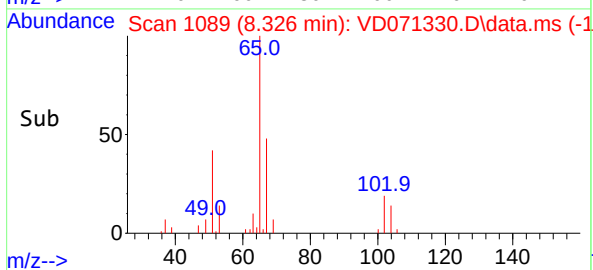
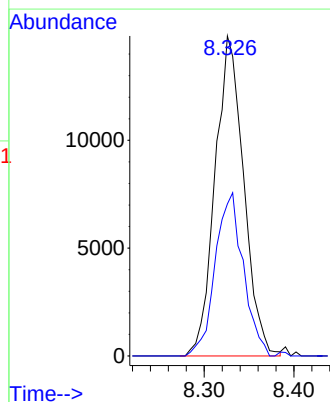
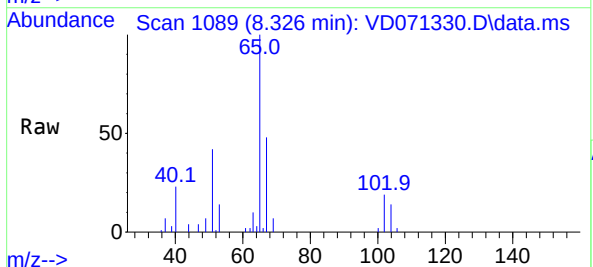
Instrument :
MSVOA_D
ClientSampleId :
UV-1WCRE

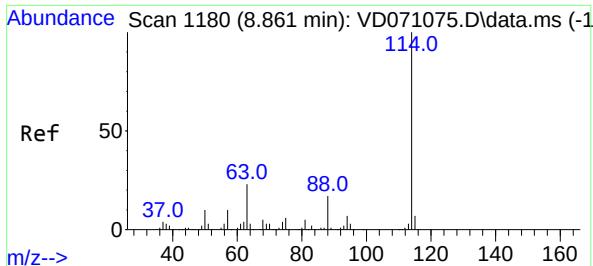
Tgt Ion:168 Resp: 41786
Ion Ratio Lower Upper
168 100
99 63.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 67.127 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071330.D
Acq: 14 Dec 2021 19:41

Tgt Ion: 65 Resp: 32913
Ion Ratio Lower Upper
65 100
67 49.9 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: VD071330.D

Acq: 14 Dec 2021 19:41

Instrument :

MSVOA_D

ClientSampleId :

UV-1WCRE

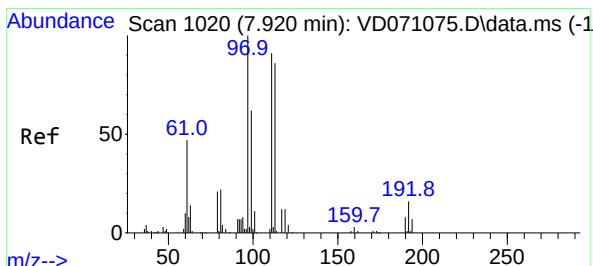
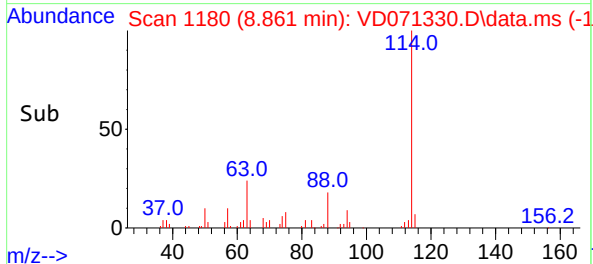
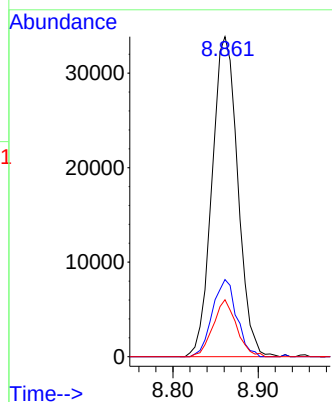
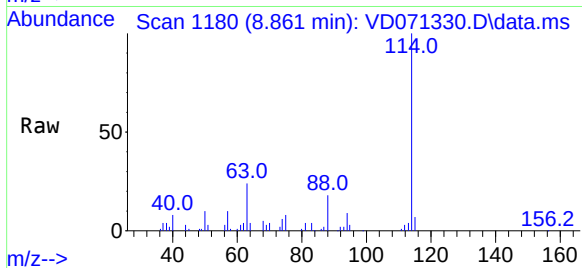
Tgt Ion:114 Resp: 71029

Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 17.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.647 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071330.D

Acq: 14 Dec 2021 19:41

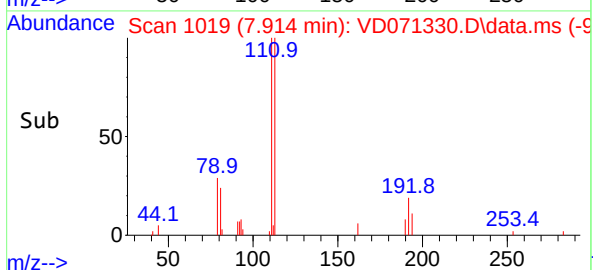
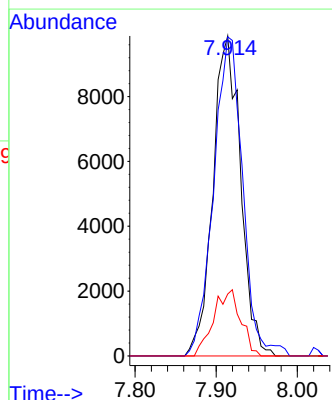
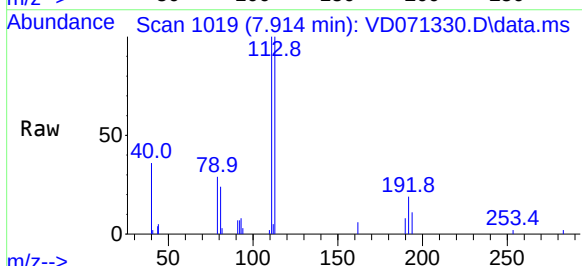
Tgt Ion:113 Resp: 23360

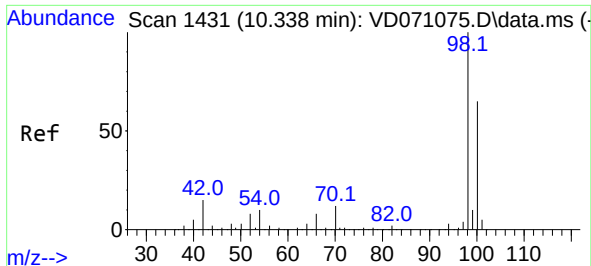
Ion Ratio Lower Upper

113 100

111 104.6 82.0 123.0

192 20.3 15.2 22.8

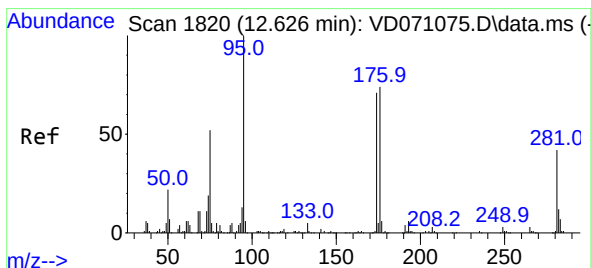
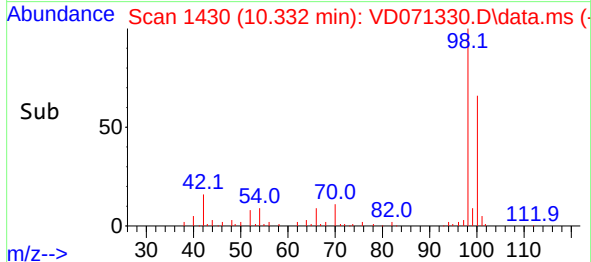
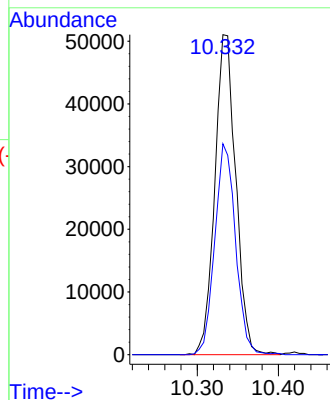
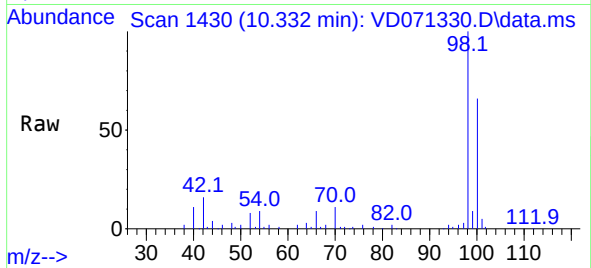




#50
Toluene-d8
Concen: 53.276 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071330.D
Acq: 14 Dec 2021 19:41

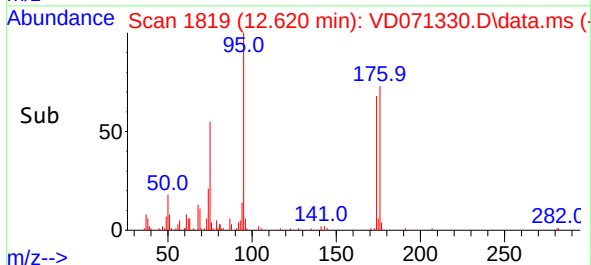
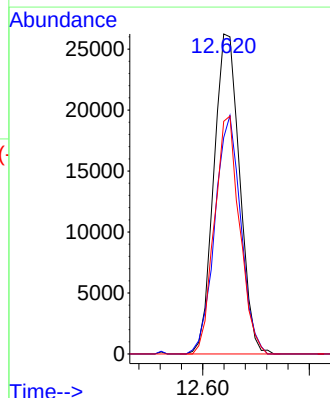
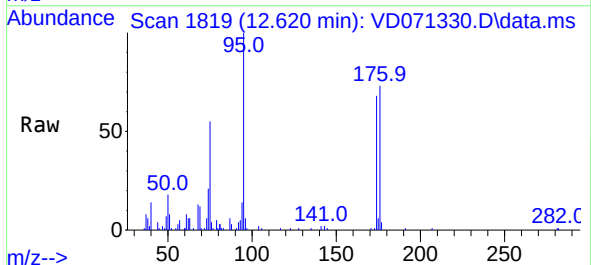
Instrument :
MSVOA_D
ClientSampleId :
UV-1WCRE

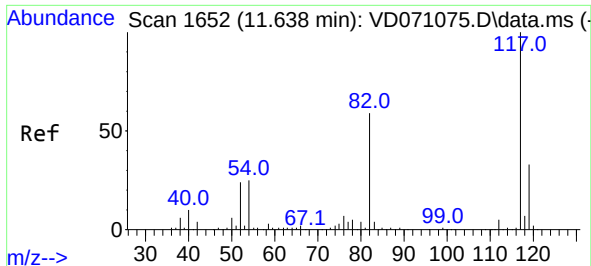
Tgt Ion: 98 Resp: 91702
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 73.899 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071330.D
Acq: 14 Dec 2021 19:41

Tgt Ion: 95 Resp: 44092
Ion Ratio Lower Upper
95 100
174 74.7 0.0 159.4
176 72.7 0.0 154.0

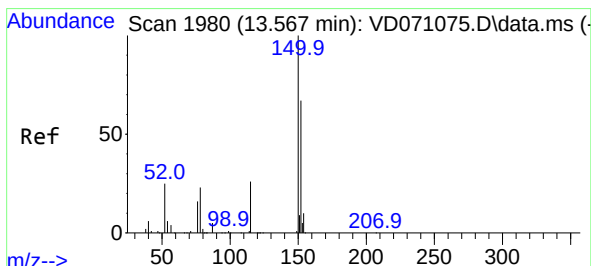
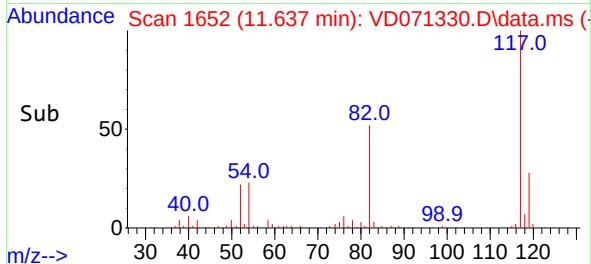
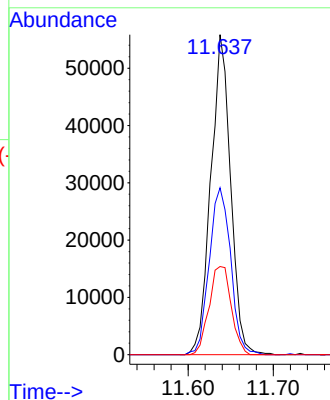
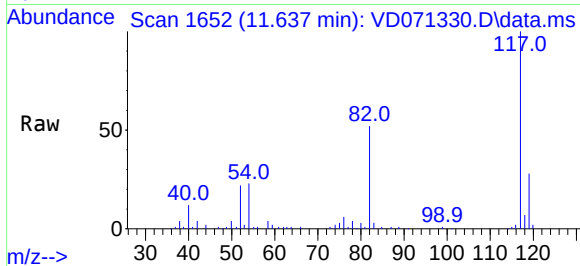




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071330.D
Acq: 14 Dec 2021 19:41

Instrument :
MSVOA_D
ClientSampleId :
UV-1WCRE

Tgt Ion:	117	Resp:	90017
Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.7	67.1
119	27.6	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: VD071330.D
Acq: 14 Dec 2021 19:41

Tgt Ion:	152	Resp:	46469
Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.8	89.3
150	158.2	0.0	349.2

