

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD072001.D
 Acq On : 16 Feb 2022 19:44
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 17 00:51:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

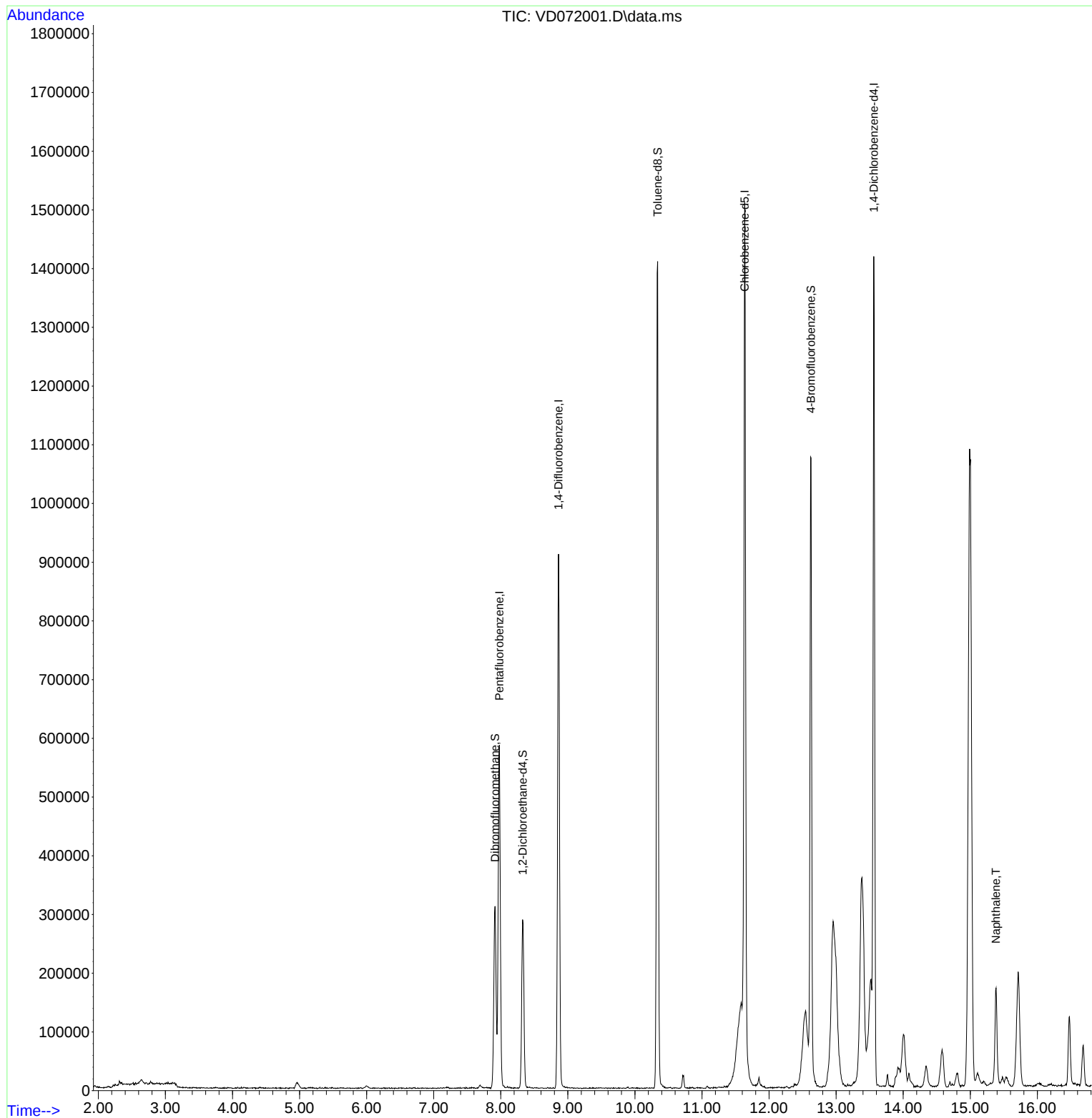
Internal Standards						
1) Pentafluorobenzene	7.979	168	385131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	706685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	704950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	339097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236036	48.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.914	113	218999	47.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.280%
50) Toluene-d8	10.337	98	908447	52.365	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.626	95	331730	54.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.520%
Target Compounds						
					Qvalue	
95) Naphthalene	15.384	128	122879	11.582	ug/l	97

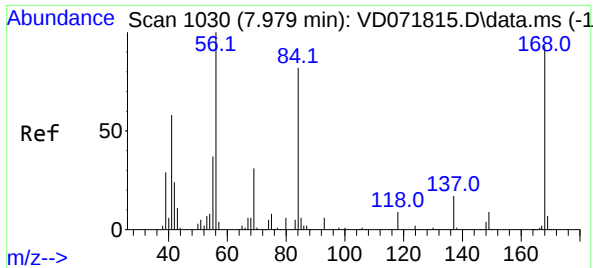
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072001.D

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MSVOA_D

ClientSampleId :

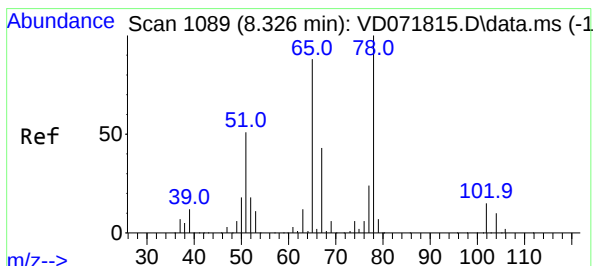
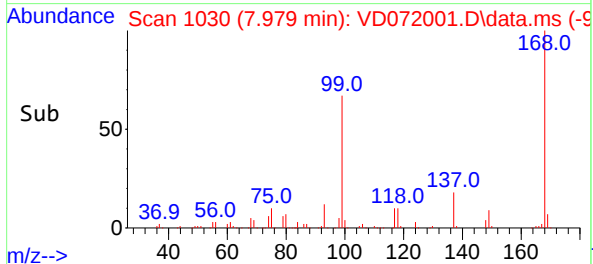
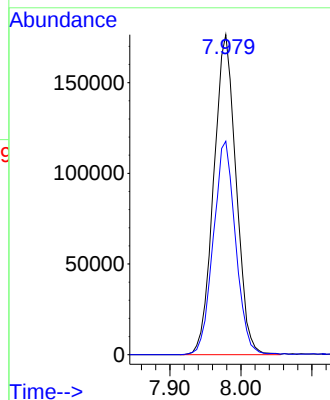
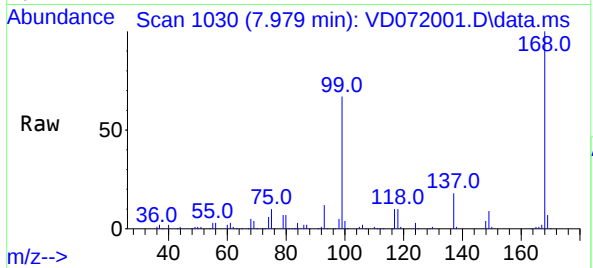
VIBLK

Tgt Ion:168 Resp: 385131

Ion Ratio Lower Upper

168 100

99 66.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 48.489 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072001.D

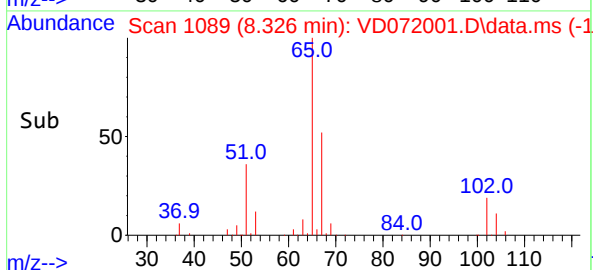
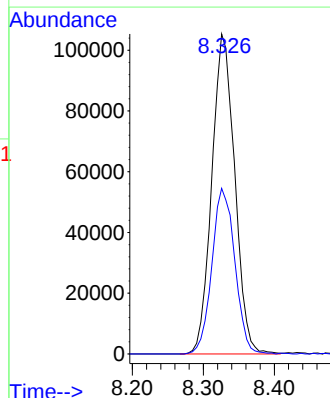
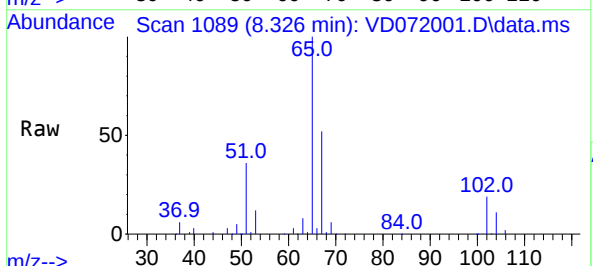
Acq: 16 Feb 2022 19:44

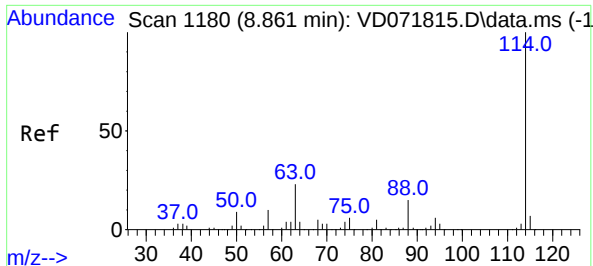
Tgt Ion: 65 Resp: 236036

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072001.D

Acq: 16 Feb 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

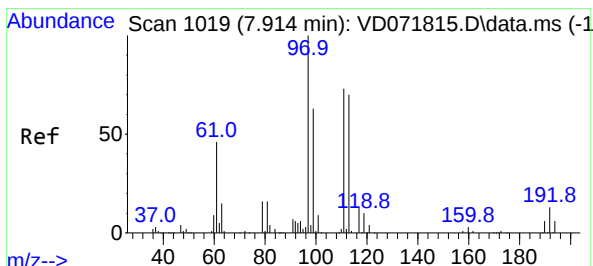
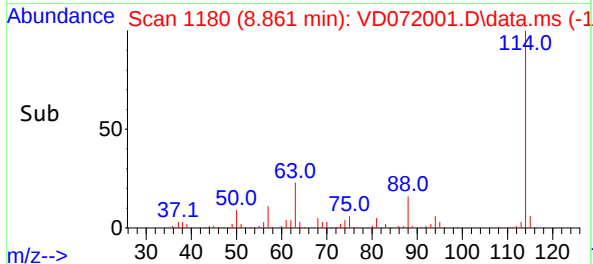
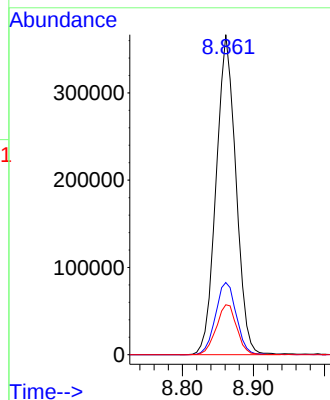
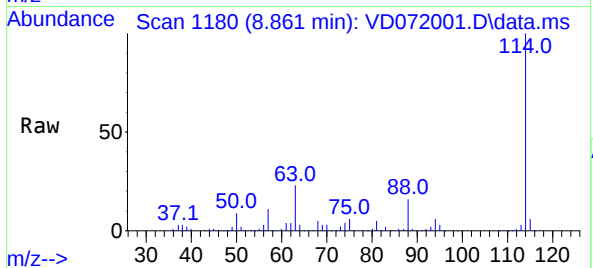
Tgt Ion:114 Resp: 706685

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.145 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD072001.D

Acq: 16 Feb 2022 19:44

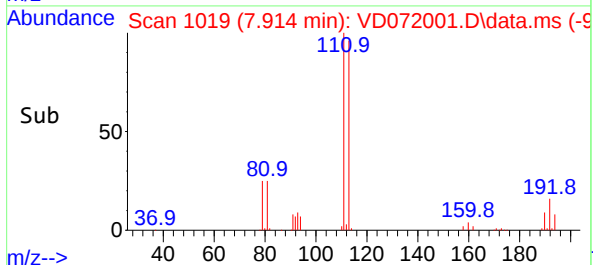
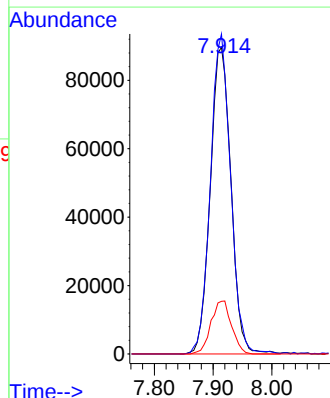
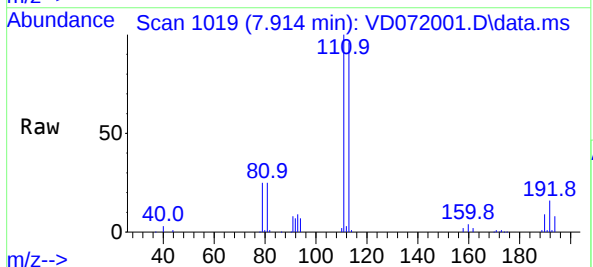
Tgt Ion:113 Resp: 218999

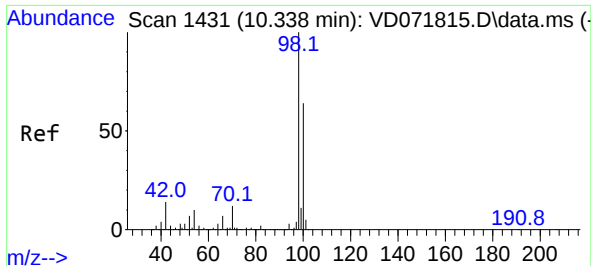
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 17.1 14.6 21.8

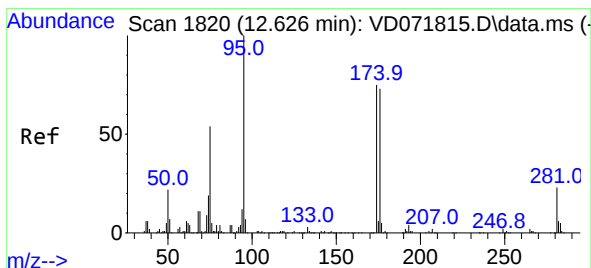
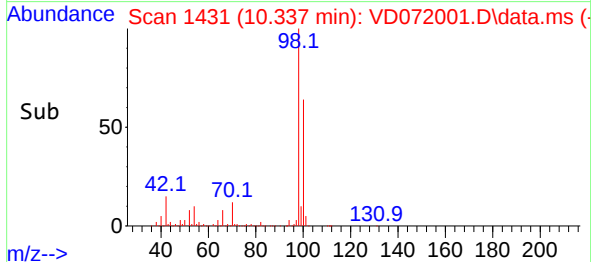
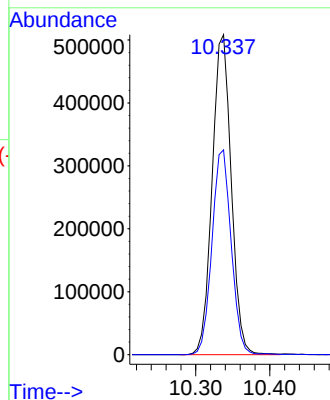
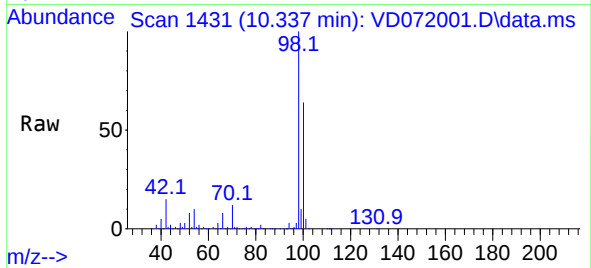




#50
Toluene-d8
Concen: 52.365 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

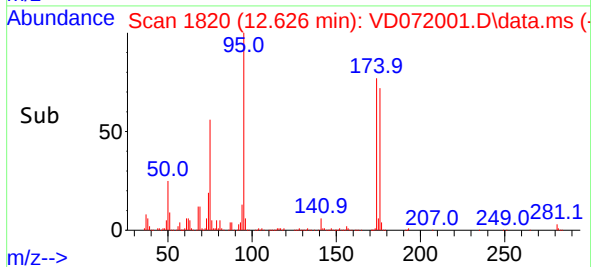
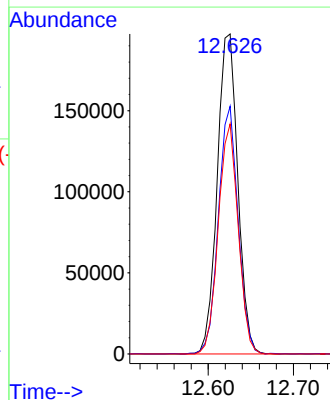
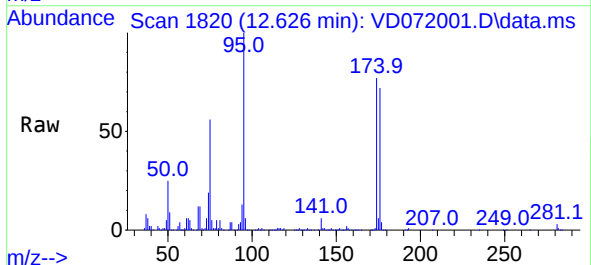
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

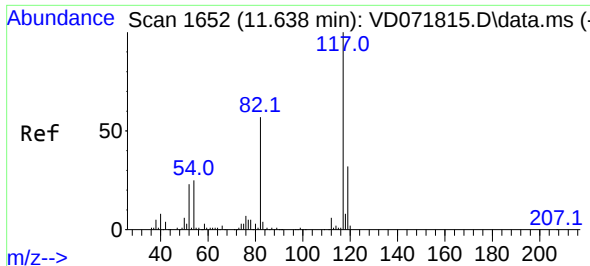
Tgt Ion: 98 Resp: 908447
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.756 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion: 95 Resp: 331730
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 69.3 0.0 145.4

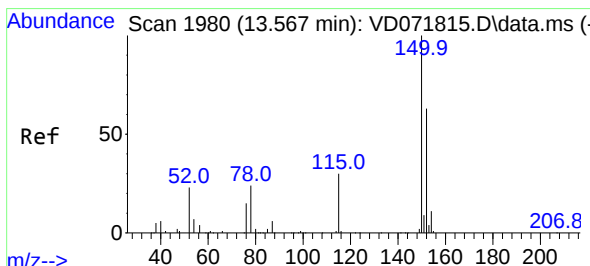
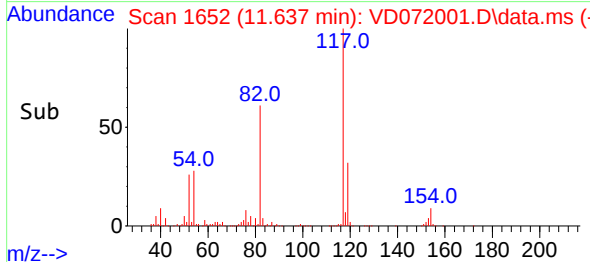
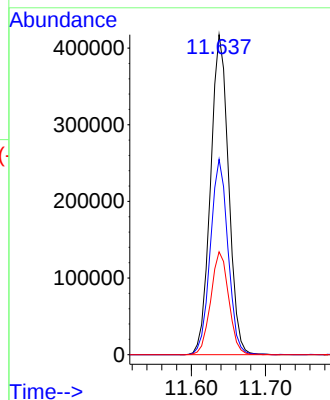
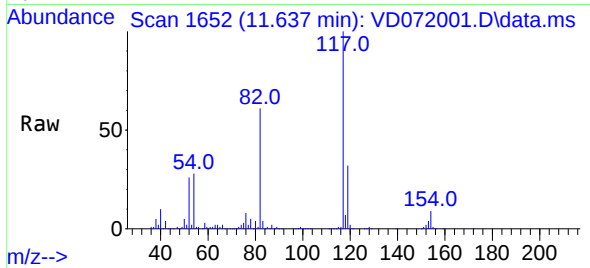




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

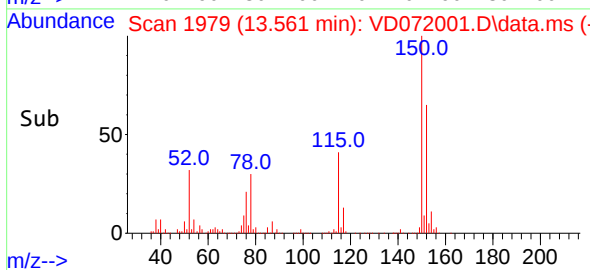
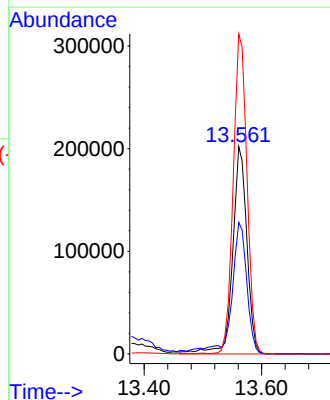
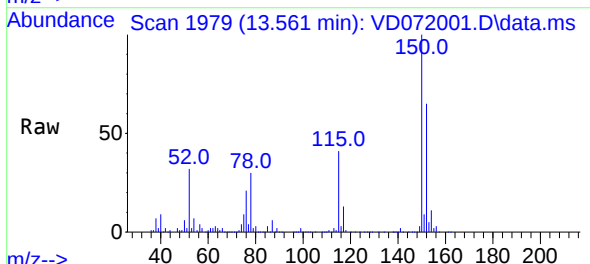
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

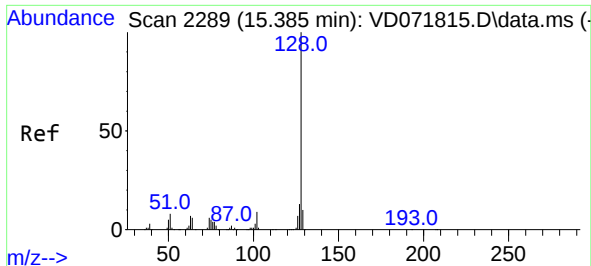
Tgt Ion:117 Resp: 704950
Ion Ratio Lower Upper
117 100
82 61.0 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion:152 Resp: 339097
Ion Ratio Lower Upper
152 100
115 68.7 31.3 93.8
150 149.4 0.0 348.6





#95

Naphthalene

Concen: 11.582 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072001.D

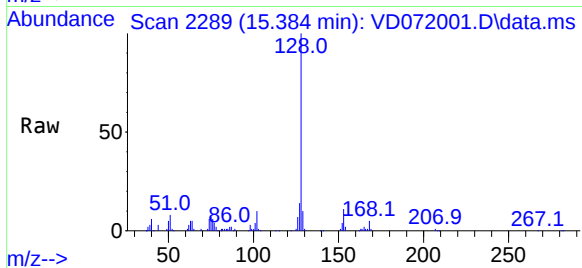
Acq: 16 Feb 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 122879

Ion Ratio Lower Upper

128 100

127 14.7 10.3 15.5

129 10.6 8.4 12.6

