

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071991.D
 Acq On : 16 Feb 2022 14:41
 Operator : VA/SY
 Sample : N1548-02
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(1-1.5)

Quant Time: Feb 17 00:49:30 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)

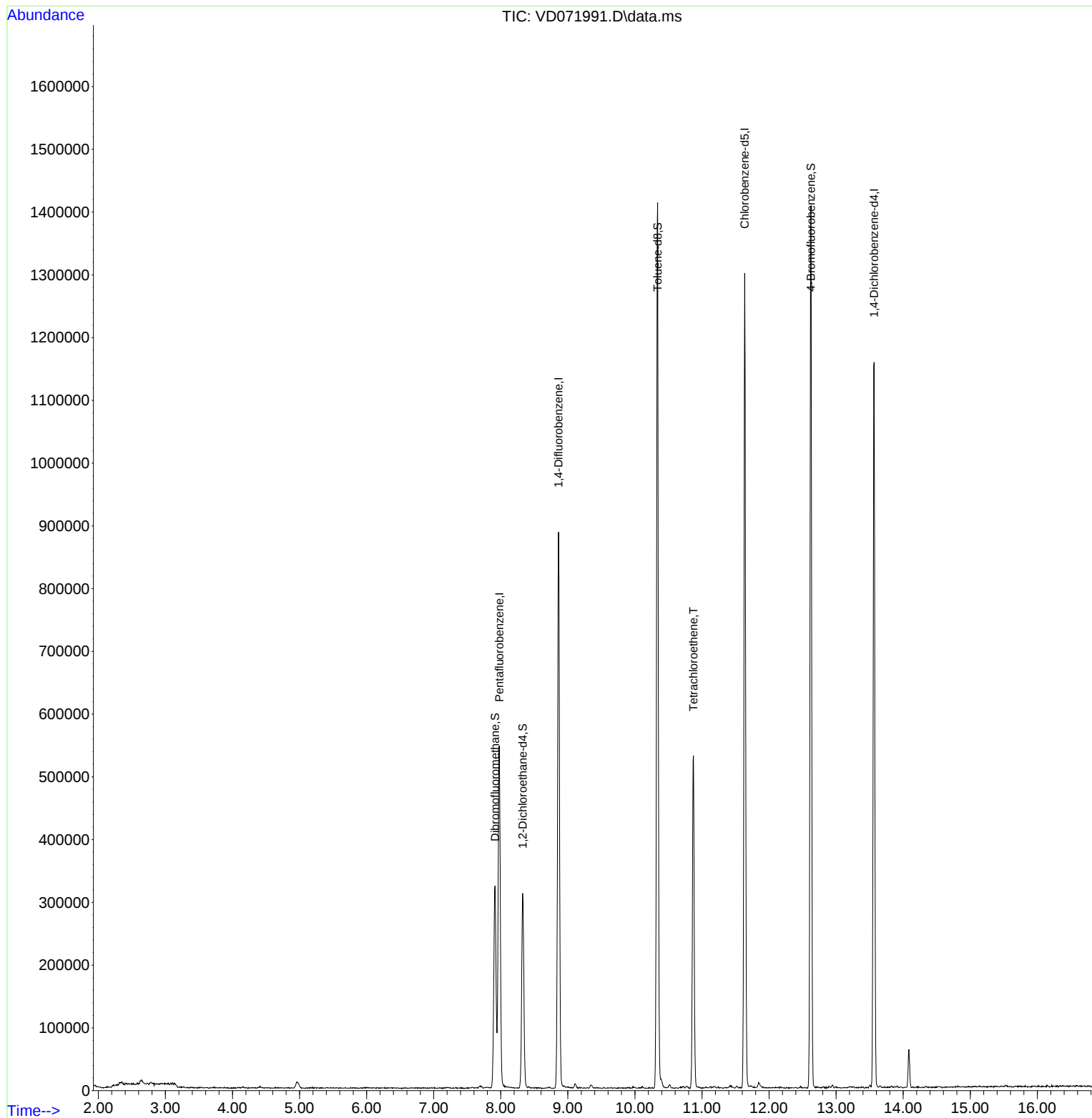
Internal Standards						
1) Pentafluorobenzene	7.979	168	366426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	684605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	665949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	280300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249265	53.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.640%	
35) Dibromofluoromethane	7.914	113	224750	49.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.880%	
50) Toluene-d8	10.338	98	900459	53.578	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	12.626	95	306271	52.184	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.360%	
Target Compounds						
64) Tetrachloroethene	10.873	164	112506	23.884	ug/l	Qvalue 95

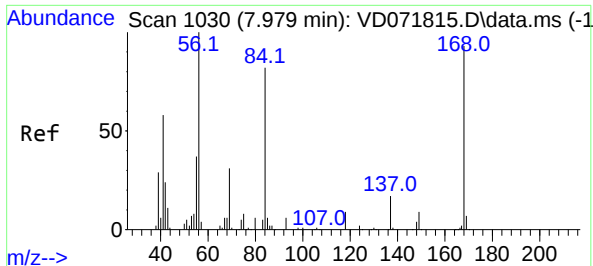
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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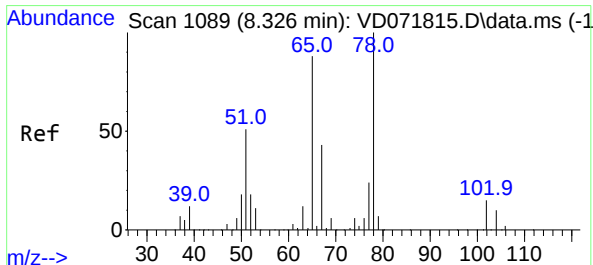
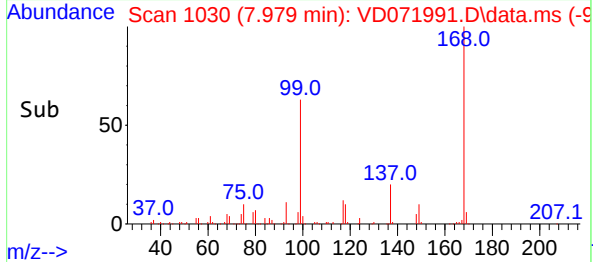
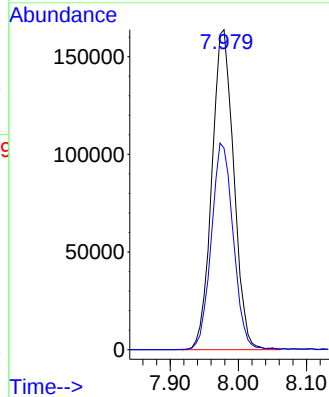
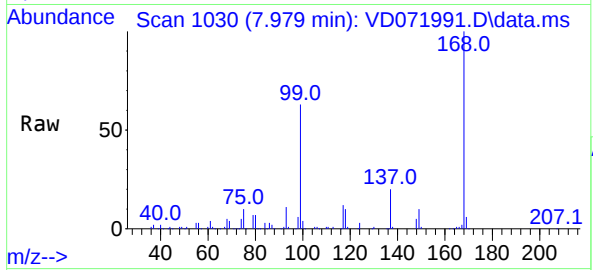




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071991.D
Acq: 16 Feb 2022 14:41

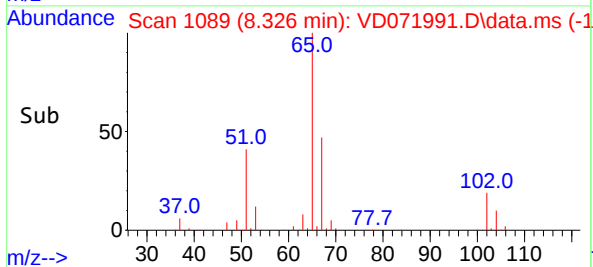
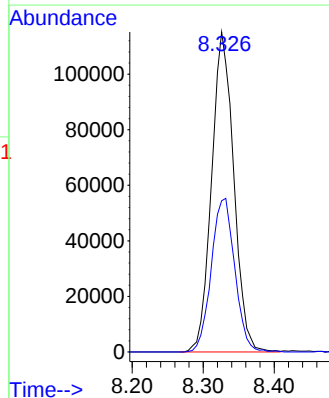
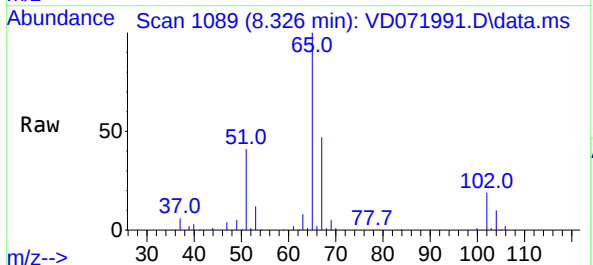
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

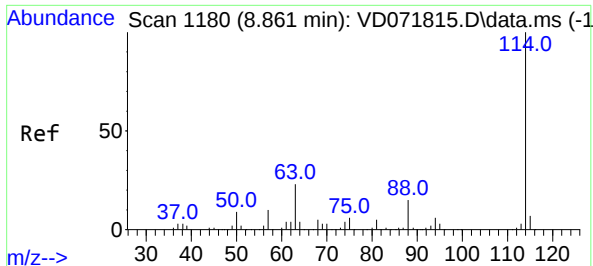
Tgt Ion:168 Resp: 366426
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.820 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071991.D
Acq: 16 Feb 2022 14:41

Tgt Ion: 65 Resp: 249265
Ion Ratio Lower Upper
65 100
67 51.0 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: VD071991.D

Acq: 16 Feb 2022 14:41

Instrument :

MSVOA_D

ClientSampleId :

SB-2(1-1.5)

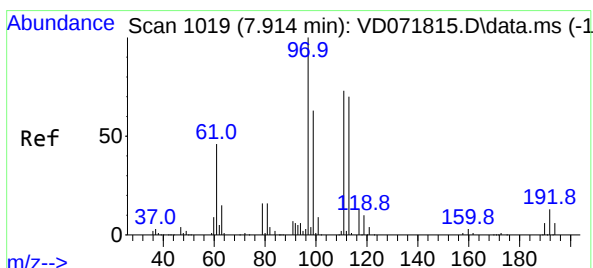
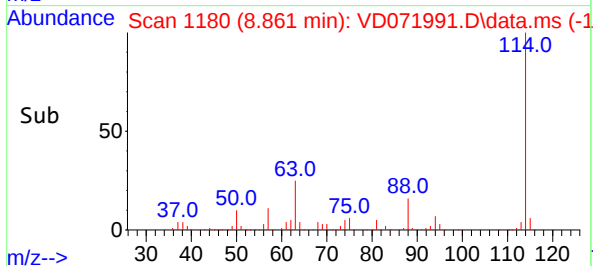
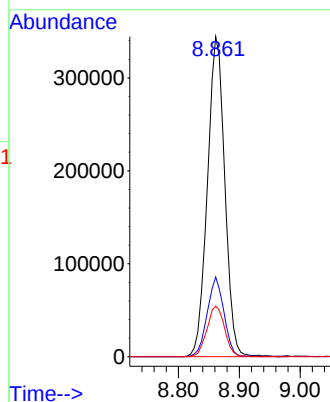
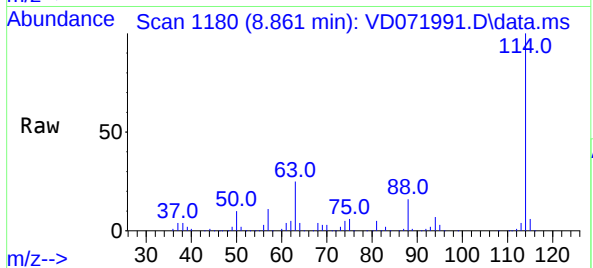
Tgt Ion:114 Resp: 684605

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.943 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071991.D

Acq: 16 Feb 2022 14:41

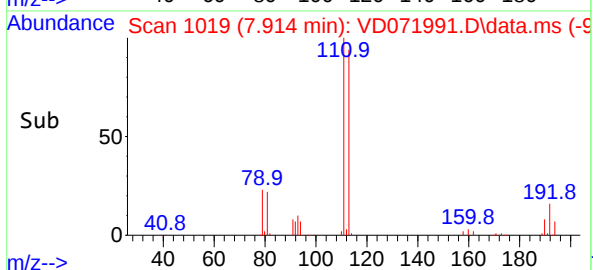
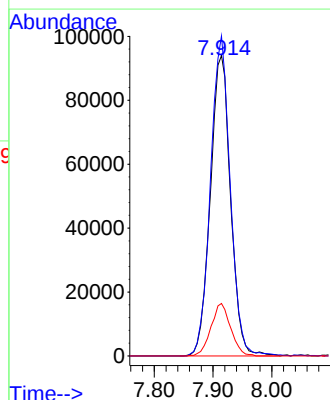
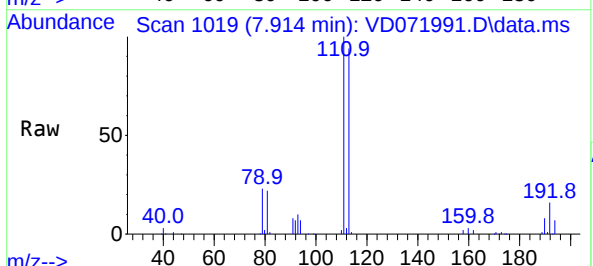
Tgt Ion:113 Resp: 224750

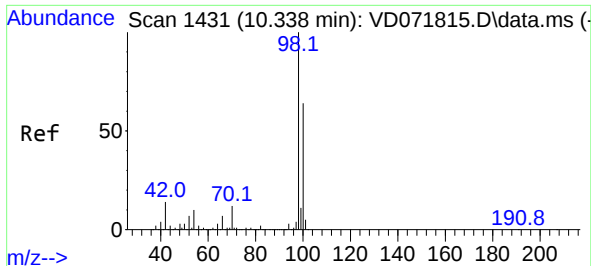
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 17.0 14.6 21.8

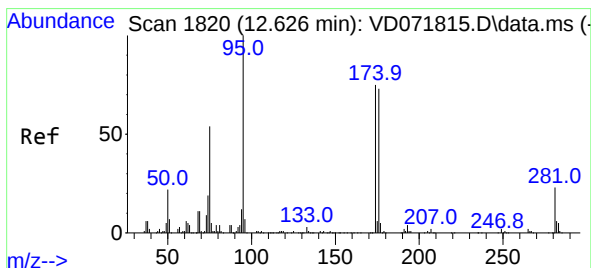
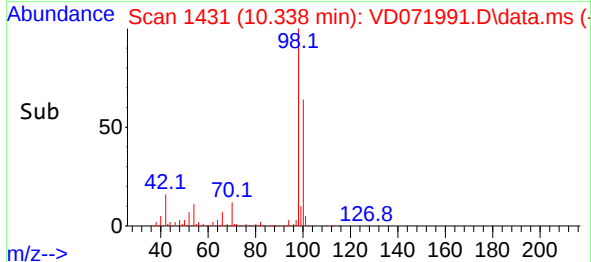
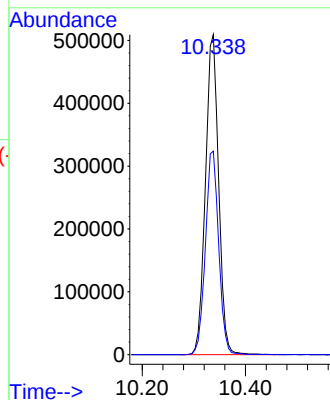
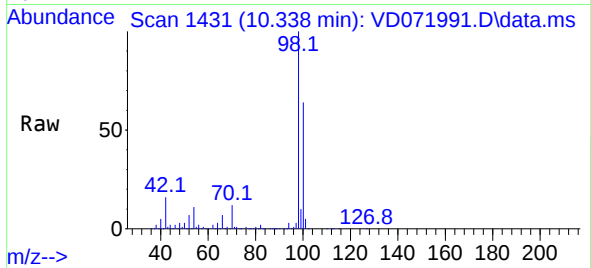




#50
Toluene-d8
Concen: 53.578 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071991.D
Acq: 16 Feb 2022 14:41

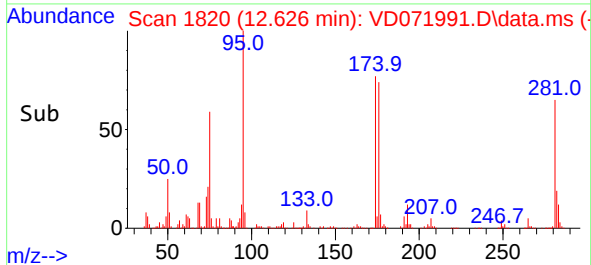
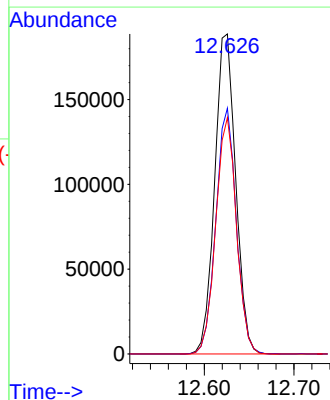
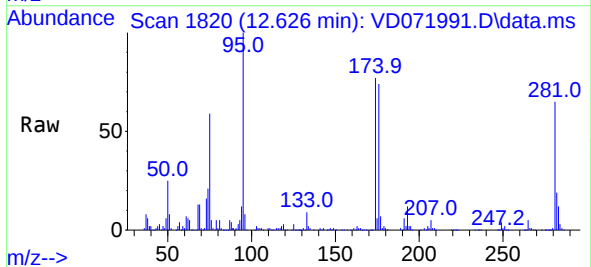
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

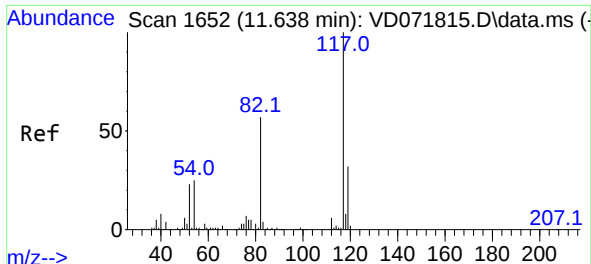
Tgt Ion: 98 Resp: 900459
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.184 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071991.D
Acq: 16 Feb 2022 14:41

Tgt Ion: 95 Resp: 306271
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 72.8 0.0 145.4

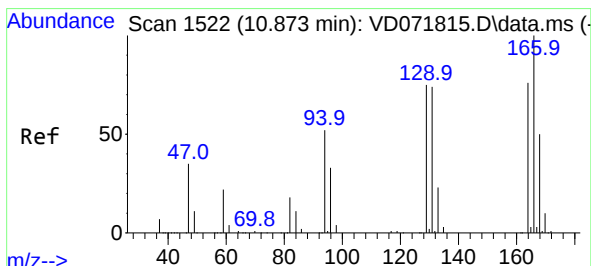
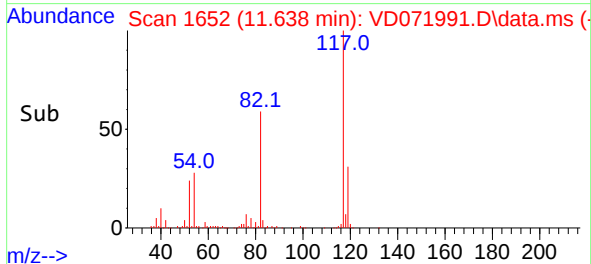
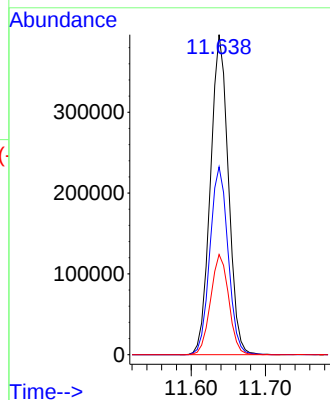
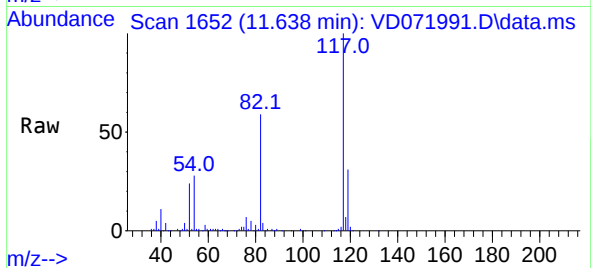




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071991.D
Acq: 16 Feb 2022 14:41

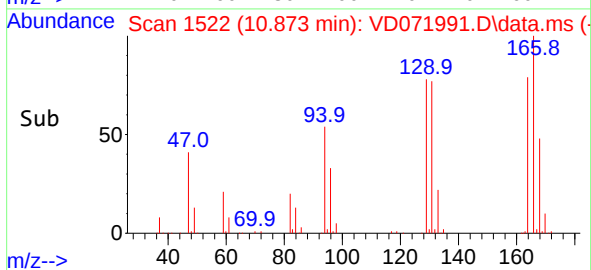
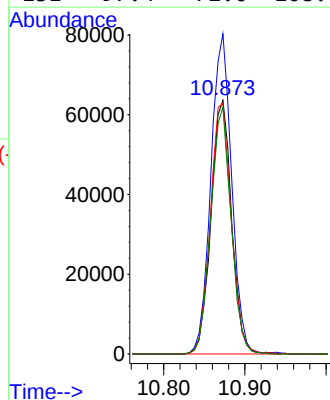
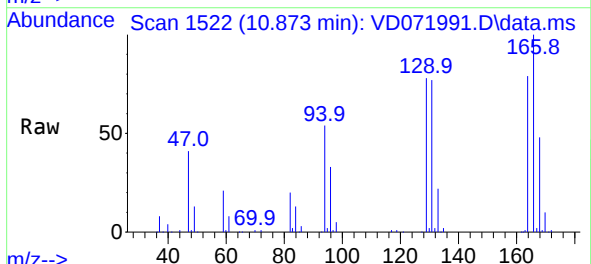
Instrument :
MSVOA_D
ClientSampleId :
SB-2(1-1.5)

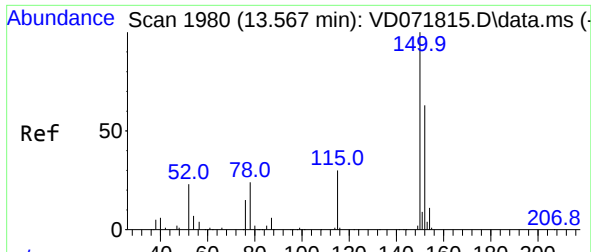
Tgt Ion:117 Resp: 665949
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 31.3 26.6 40.0



#64
Tetrachloroethene
Concen: 23.884 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071991.D
Acq: 16 Feb 2022 14:41

Tgt Ion:164 Resp: 112506
Ion Ratio Lower Upper
164 100
166 126.2 98.5 147.7
129 98.8 74.6 111.8
131 97.4 72.0 108.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 19

Delta R.T. -0.000 min

Lab File: VD071991.D

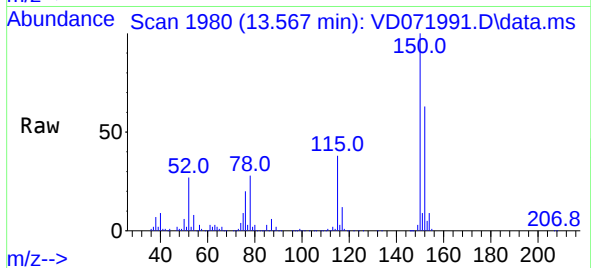
Acq: 16 Feb 2022 14:41

Instrument :

MSVOA_D

ClientSampleId :

SB-2(1-1.5)



Tgt Ion:152 Resp: 280300

Ion Ratio Lower Upper

152 100

115 61.9 31.3 93.8

150 158.9 0.0 348.6

