

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071452.D
 Acq On : 23 Dec 2021 19:33
 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: Dec 24 03:32:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

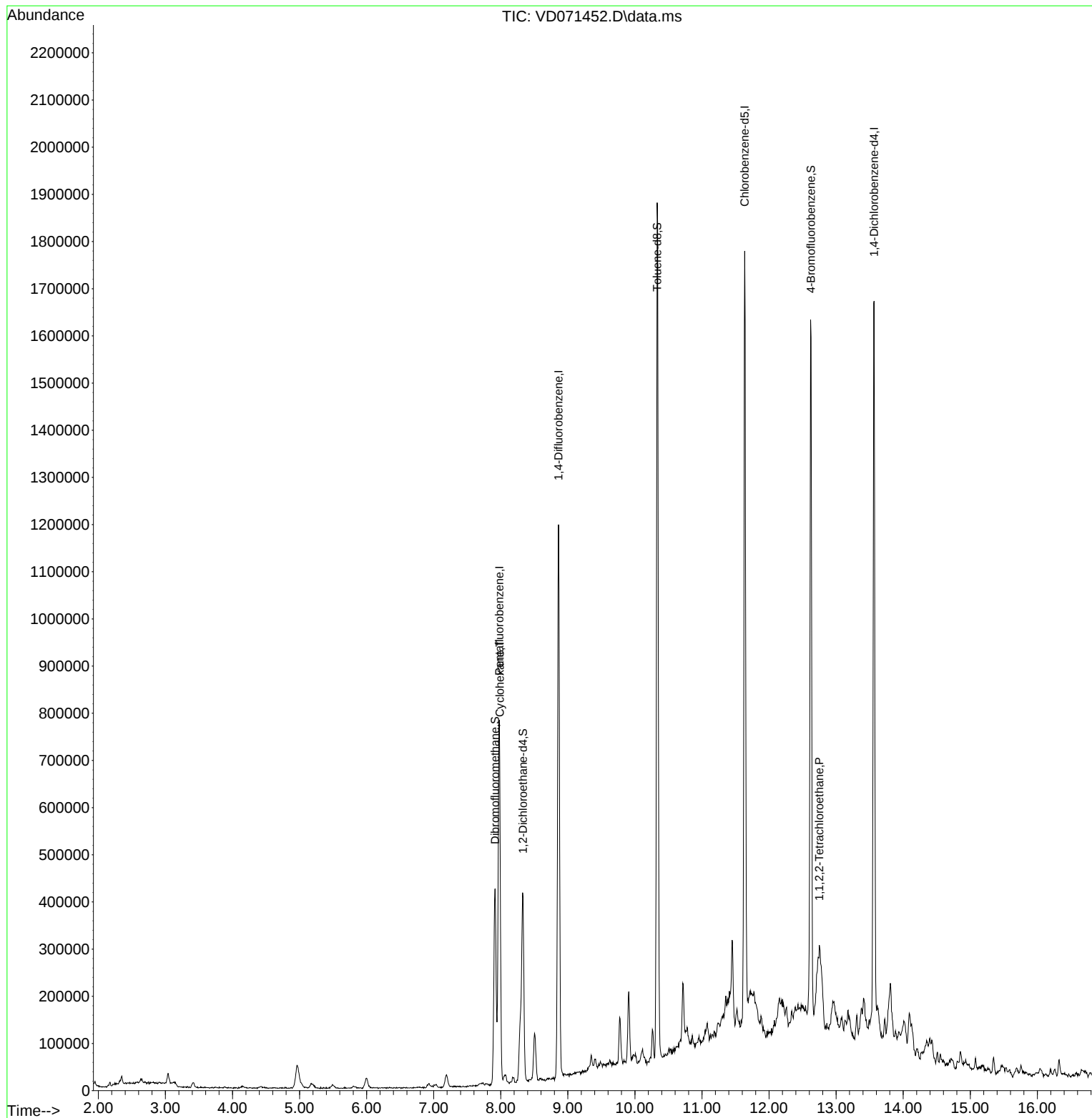
Internal Standards						
1) Pentafluorobenzene	7.979	168	538540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	924468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	850707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	313170	43.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.580%
35) Dibromofluoromethane	7.914	113	289402	46.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.160%
50) Toluene-d8	10.332	98	1171413	49.891	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.626	95	403101	48.313	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.620%
Target Compounds						
31) Cyclohexane	7.985	56	17002	1.399	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.749	83	48230	8.938	ug/l #	30

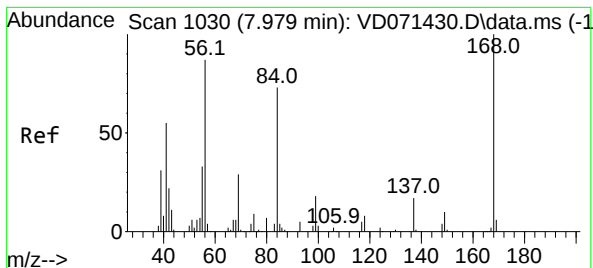
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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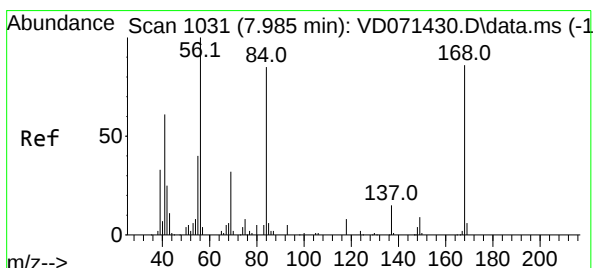
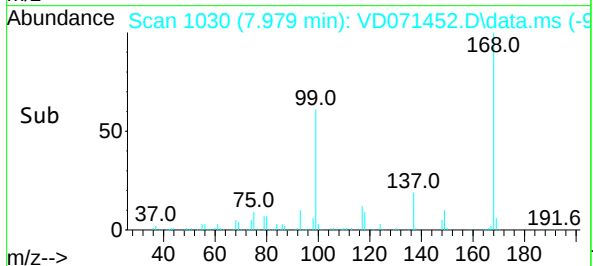
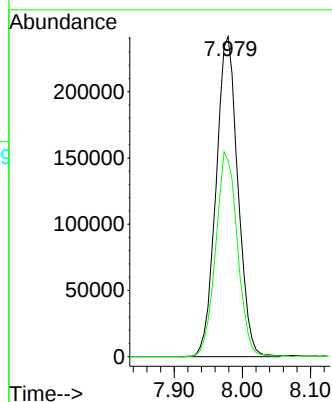
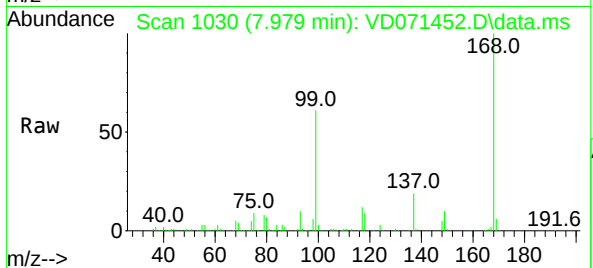




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071452.D
Acq: 23 Dec 2021 19:33

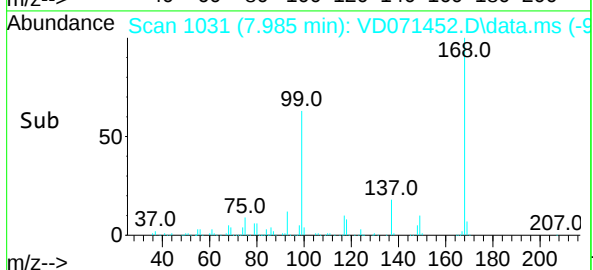
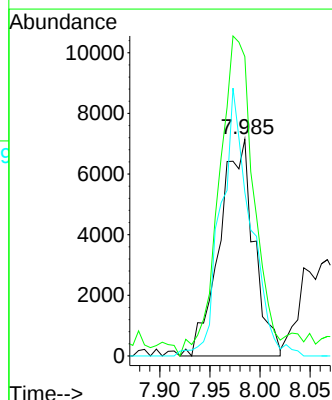
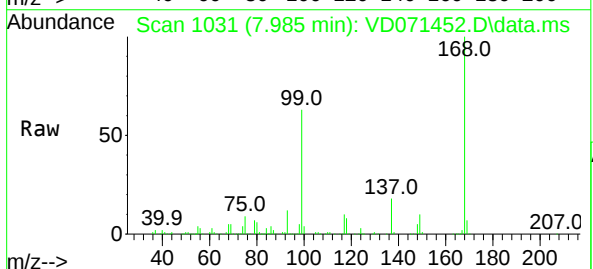
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

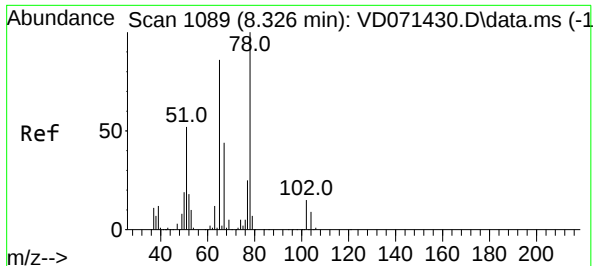
Tgt Ion:168 Resp: 538540
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071452.D
Acq: 23 Dec 2021 19:33

Tgt Ion: 56 Resp: 17002
Ion Ratio Lower Upper
56 100
69 138.2 25.9 38.9#
84 73.4 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 43.786 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071452.D

Acq: 23 Dec 2021 19:33

Instrument :

MSVOA_D

ClientSampleId :

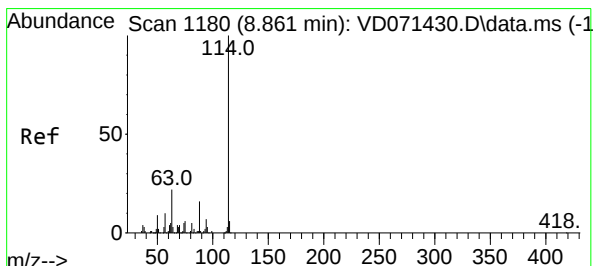
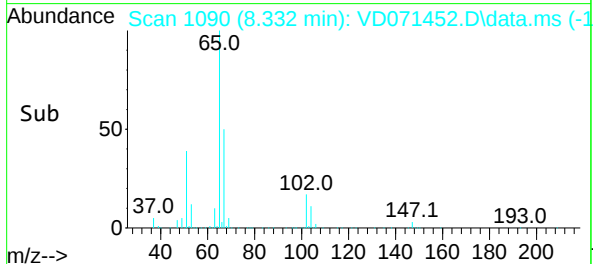
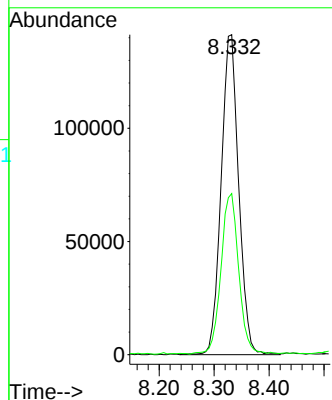
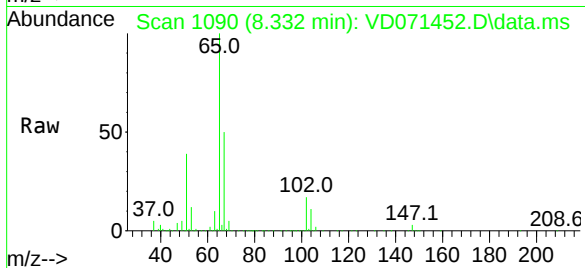
VIBLK

Tgt Ion: 65 Resp: 313170

Ion Ratio Lower Upper

65 100

67 50.7 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: VD071452.D

Acq: 23 Dec 2021 19:33

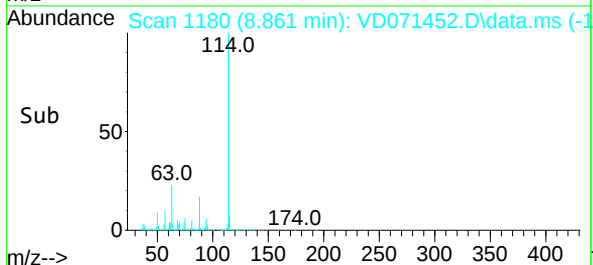
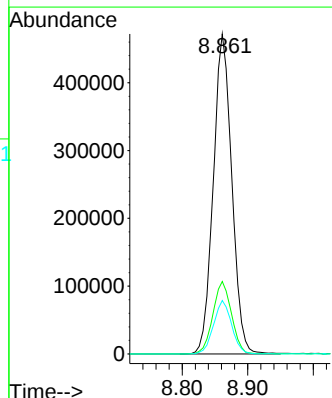
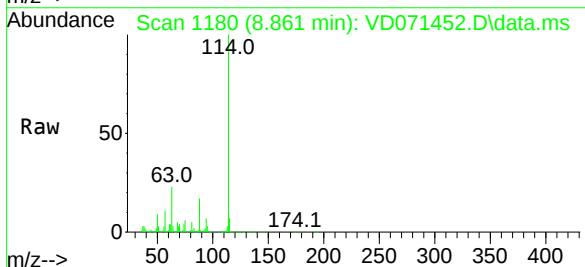
Tgt Ion: 114 Resp: 924468

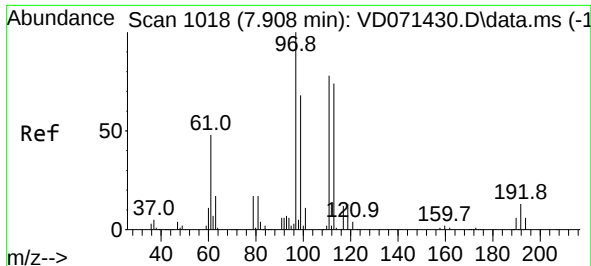
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.579 ug/l

RT: 7.914 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD071452.D

Acq: 23 Dec 2021 19:33

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

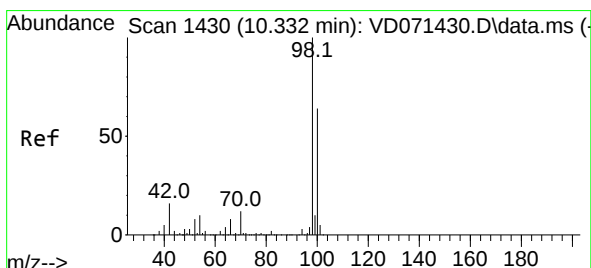
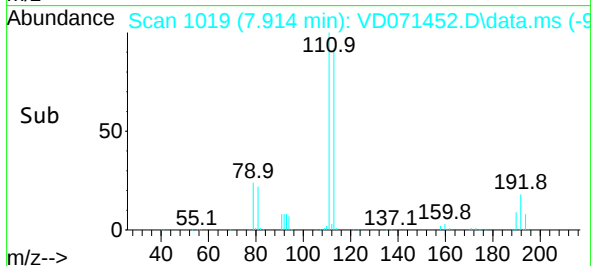
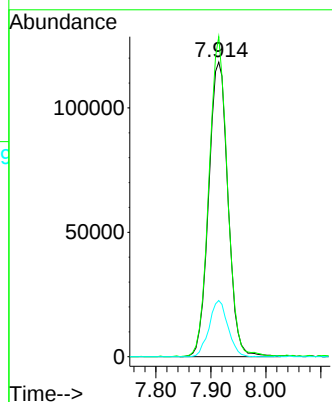
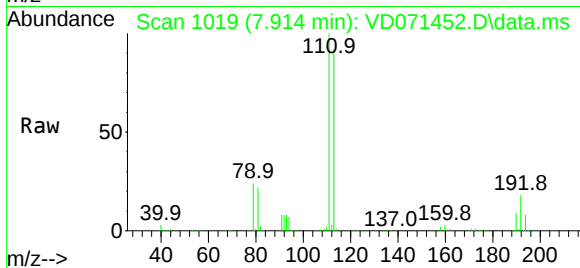
Tgt Ion:113 Resp: 289402

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

192 18.5 15.2 22.8



#50

Toluene-d8

Concen: 49.891 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071452.D

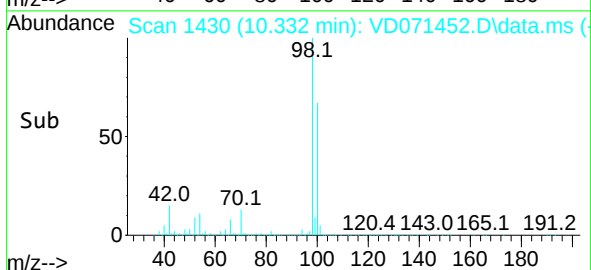
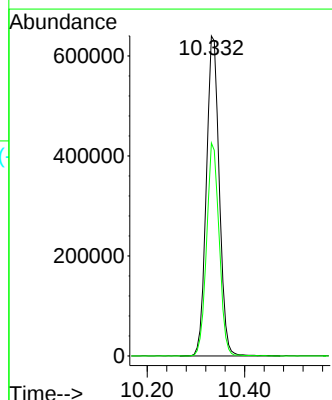
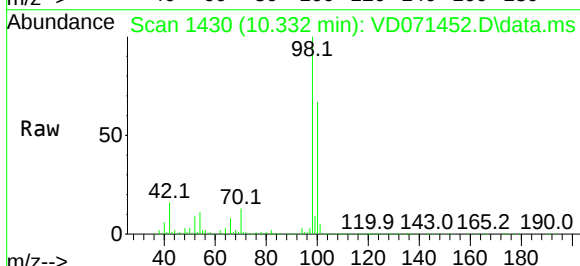
Acq: 23 Dec 2021 19:33

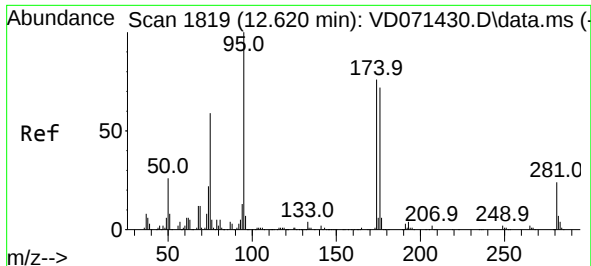
Tgt Ion: 98 Resp: 1171413

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

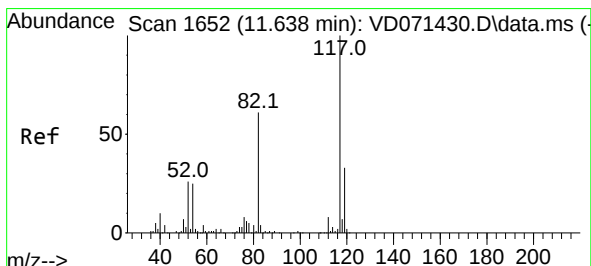
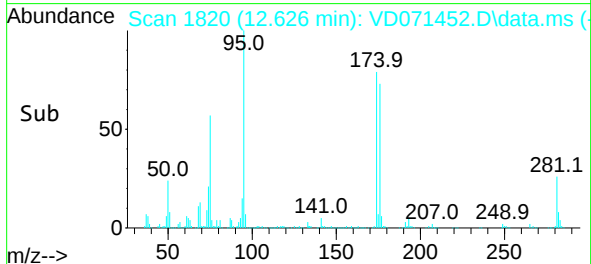
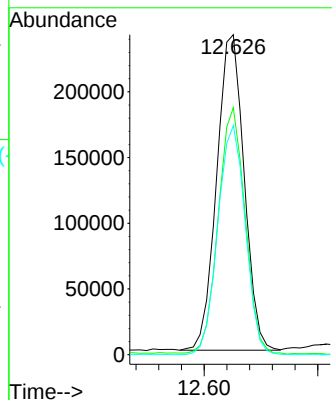
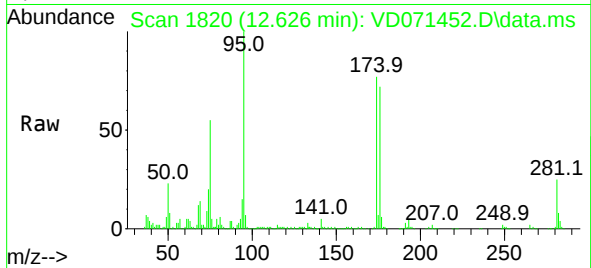




#62
4-Bromofluorobenzene
Concen: 48.313 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071452.D
Acq: 23 Dec 2021 19:33

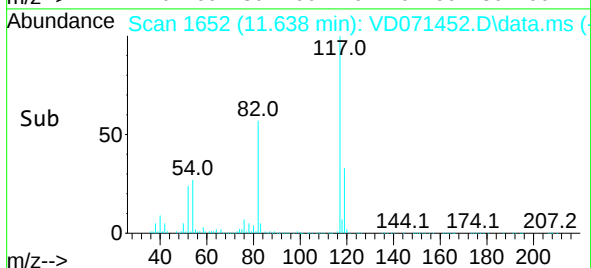
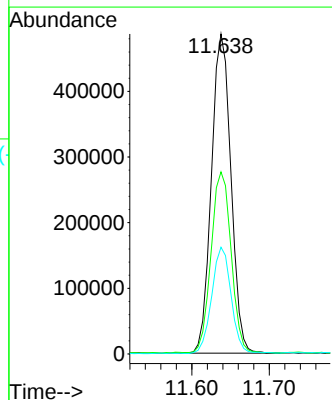
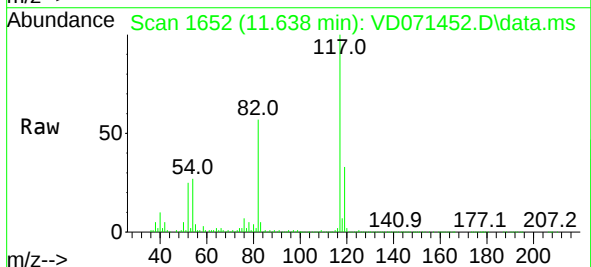
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

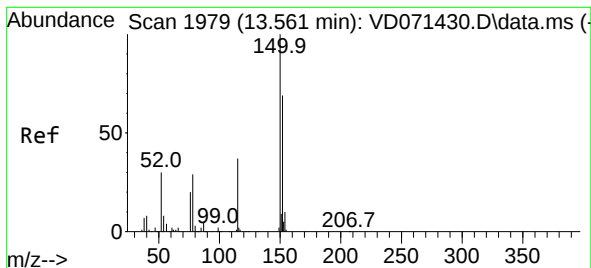
Tgt Ion: 95 Resp: 403101
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 72.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071452.D
Acq: 23 Dec 2021 19:33

Tgt Ion: 117 Resp: 850707
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 33.3 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD071452.D

Acq: 23 Dec 2021 19:33

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

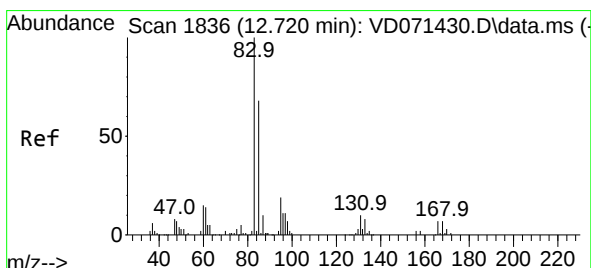
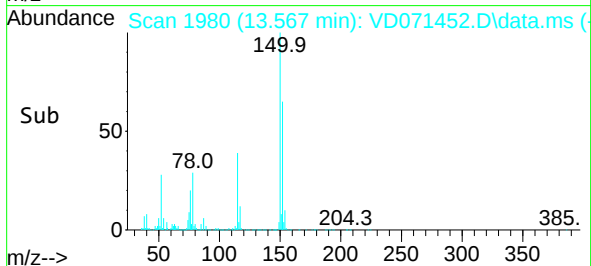
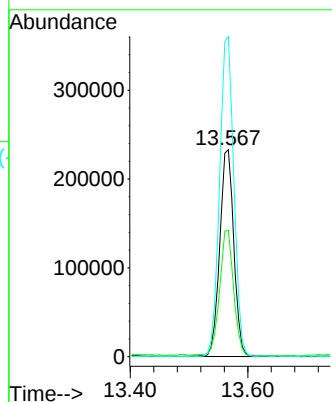
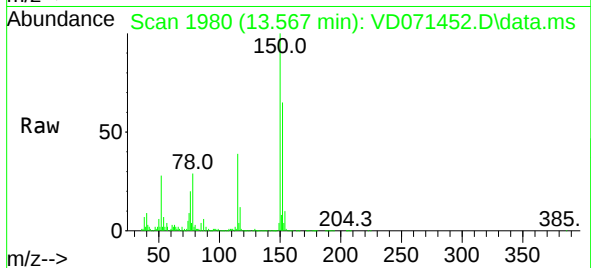
Tgt Ion:152 Resp: 387155

Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.3

150 156.4 0.0 349.2



#75

1,1,2,2-Tetrachloroethane

Concen: 8.938 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.029 min

Lab File: VD071452.D

Acq: 23 Dec 2021 19:33

Tgt Ion: 83 Resp: 48230

Ion Ratio Lower Upper

83 100

131 2.6 4.9 14.7#

85 3.2 32.0 96.2#

