

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071380.D
 Acq On : 17 Dec 2021 12:52
 Operator : VA/SY
 Sample : M5116-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Dec 19 01:52:22 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)

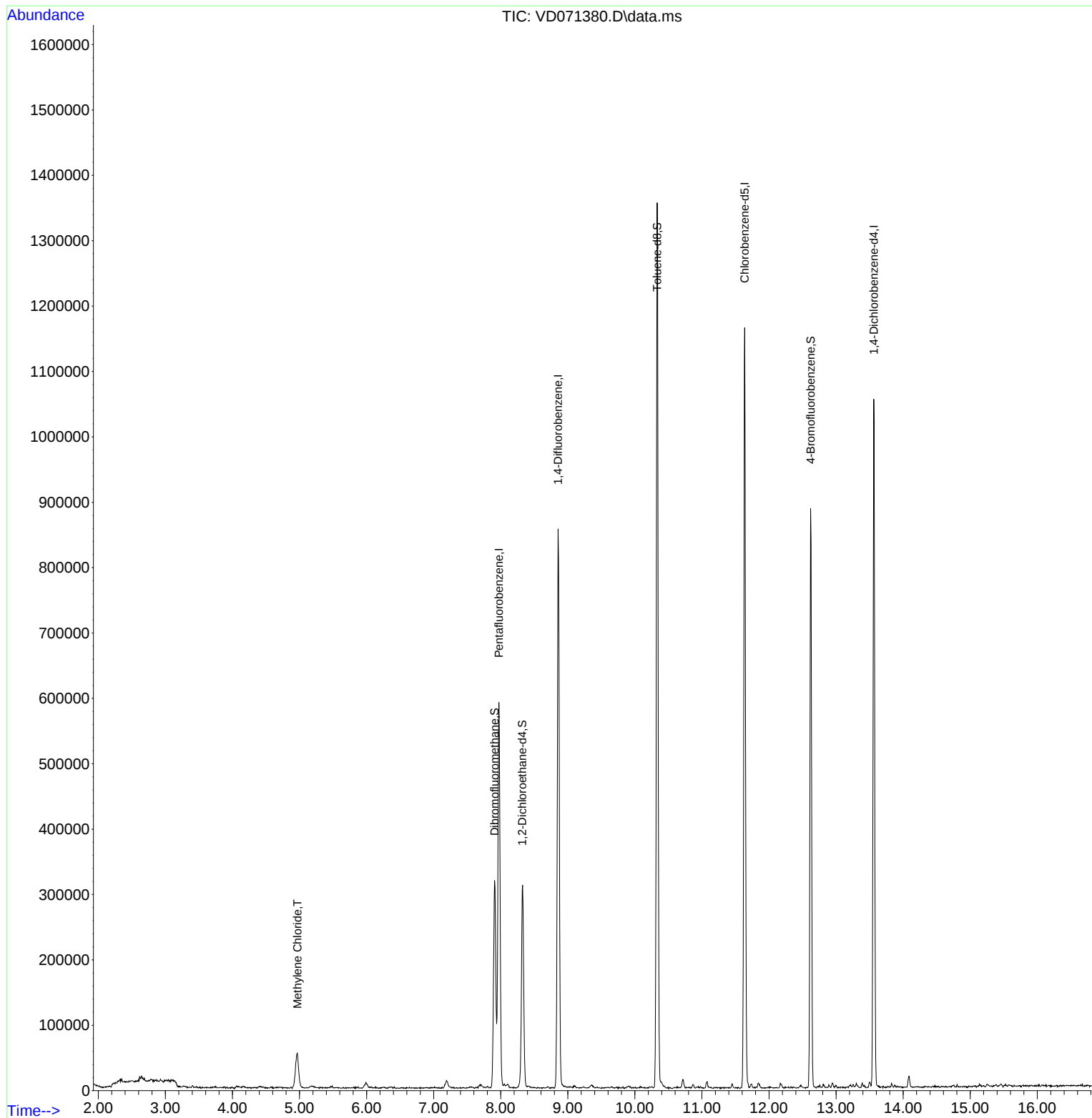
Internal Standards						
1) Pentafluorobenzene	7.973	168	404608	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.856	114	697184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	610514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	245015	51.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.220%	
35) Dibromofluoromethane	7.909	113	219405	49.420	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.840%	
50) Toluene-d8	10.332	98	865512	51.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.620	95	260917	44.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.100%	
Target Compounds						
20) Methylene Chloride	4.968	84	39477	4.434	ug/l	Qvalue 98

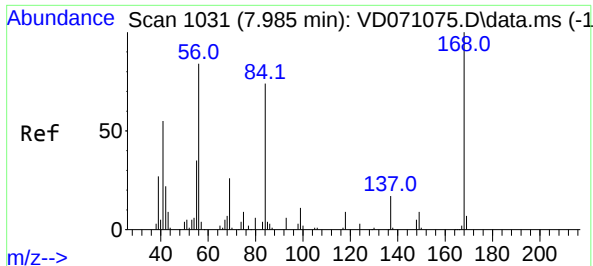
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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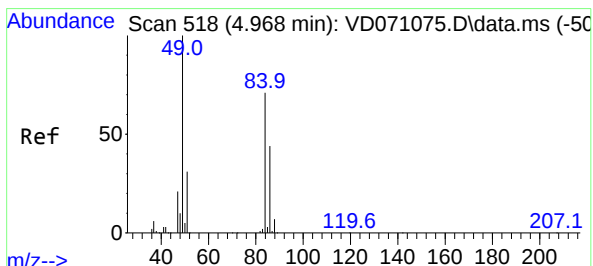
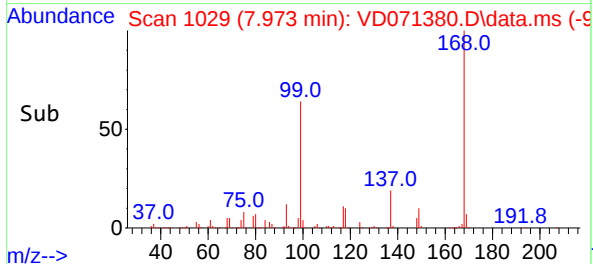
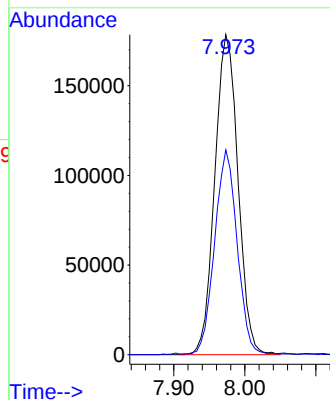
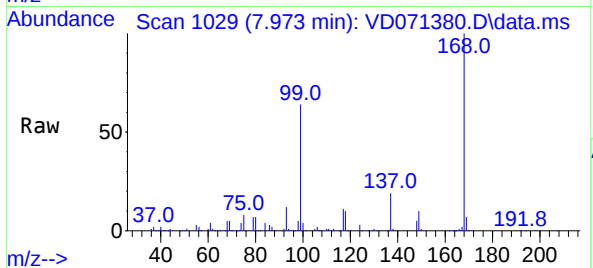




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071380.D
Acq: 17 Dec 2021 12:52

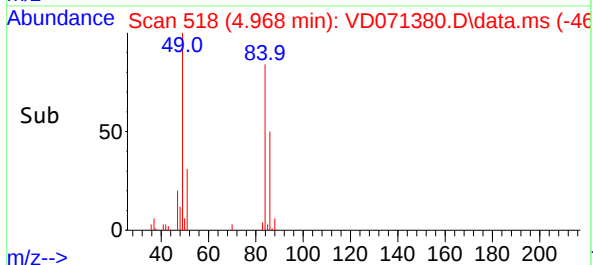
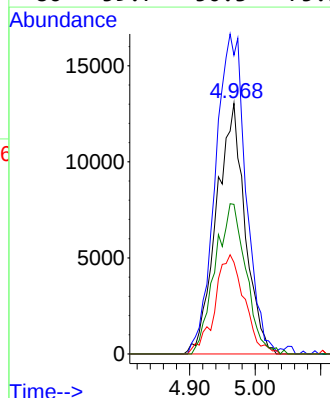
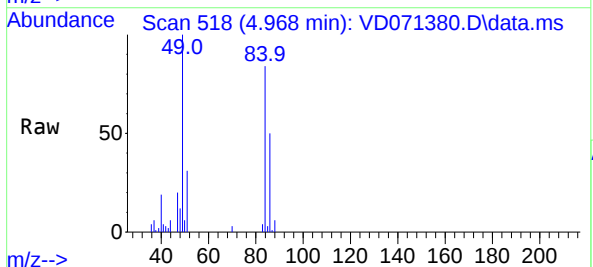
Instrument :
MSVOA_D
ClientSampleId :
VOC

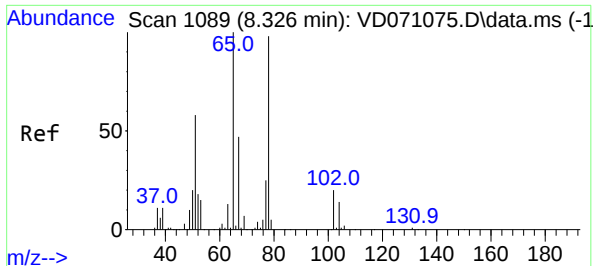
Tgt Ion:168 Resp: 404608
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#20
Methylene Chloride
Concen: 4.434 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071380.D
Acq: 17 Dec 2021 12:52

Tgt Ion: 84 Resp: 39477
Ion Ratio Lower Upper
84 100
49 119.2 95.8 143.6
51 36.5 30.9 46.3
86 59.7 50.3 75.5

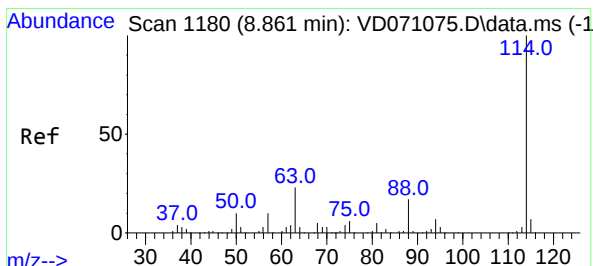
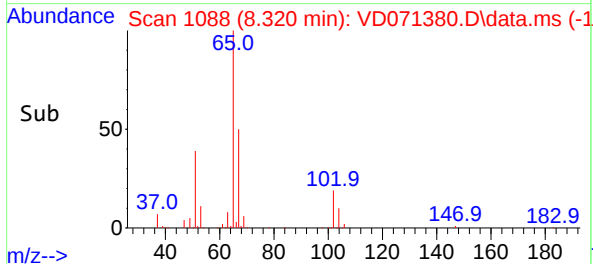
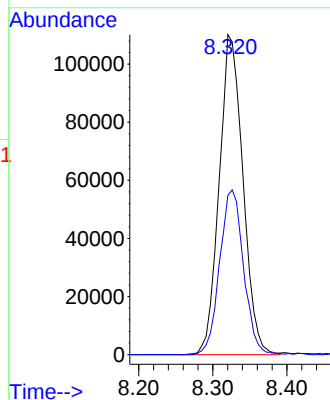
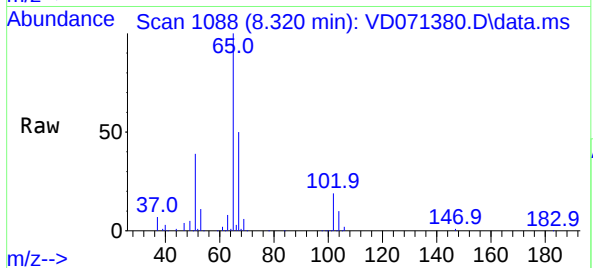




#33
1,2-Dichloroethane-d4
Concen: 51.608 ug/l
RT: 8.320 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VD071380.D
Acq: 17 Dec 2021 12:52

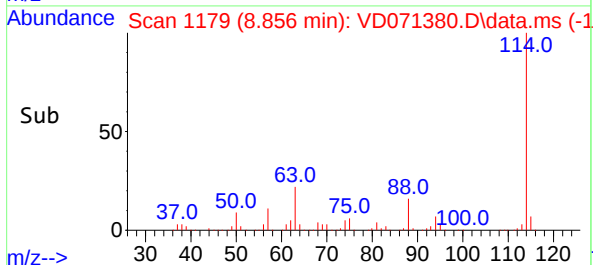
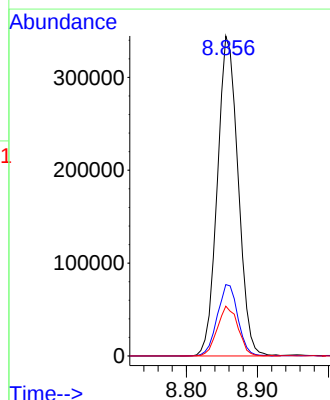
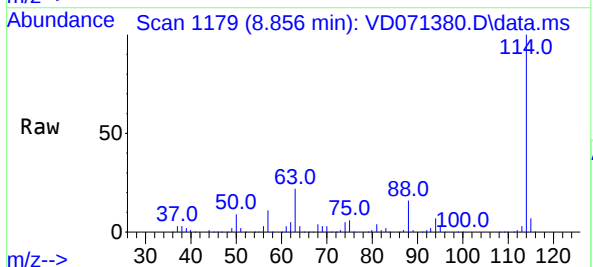
Instrument :
MSVOA_D
ClientSampleId :
VOC

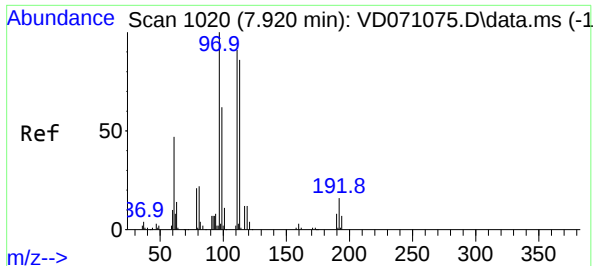
Tgt Ion: 65 Resp: 245015
Ion Ratio Lower Upper
65 100
67 51.8 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD071380.D
Acq: 17 Dec 2021 12:52

Tgt Ion: 114 Resp: 697184
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.420 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD071380.D

Acq: 17 Dec 2021 12:52

Instrument :

MSVOA_D

ClientSampleId :

VOC

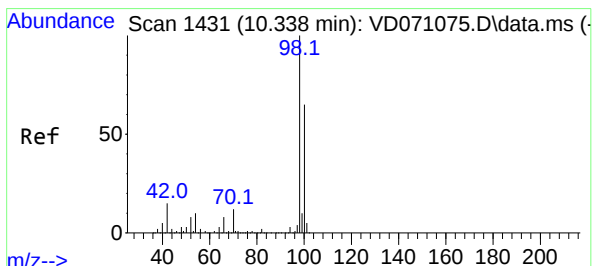
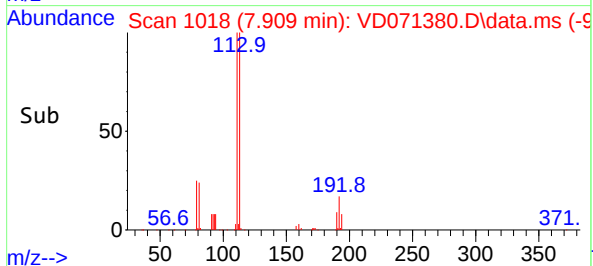
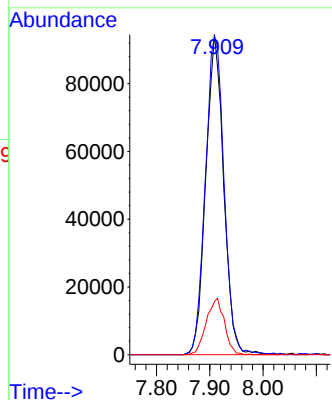
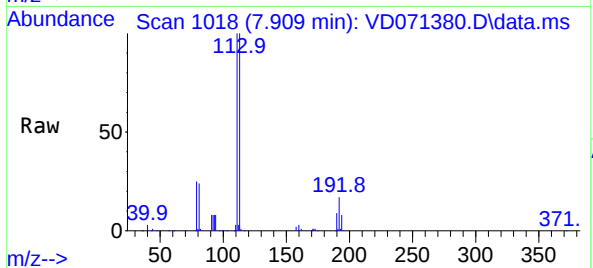
Tgt Ion:113 Resp: 219405

Ion Ratio Lower Upper

113 100

111 104.6 82.0 123.0

192 17.9 15.2 22.8



#50

Toluene-d8

Concen: 51.229 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071380.D

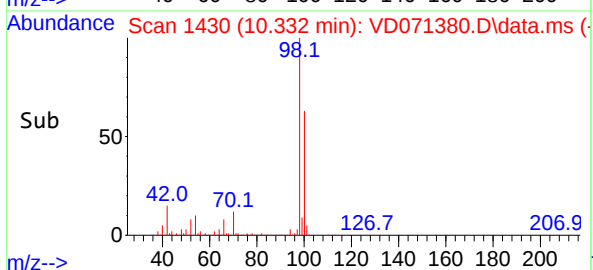
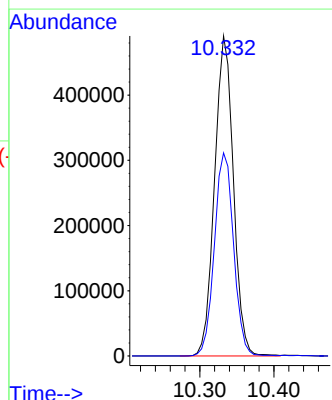
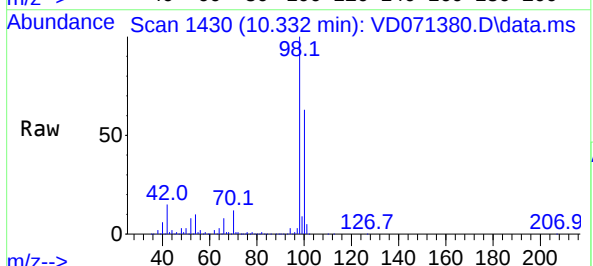
Acq: 17 Dec 2021 12:52

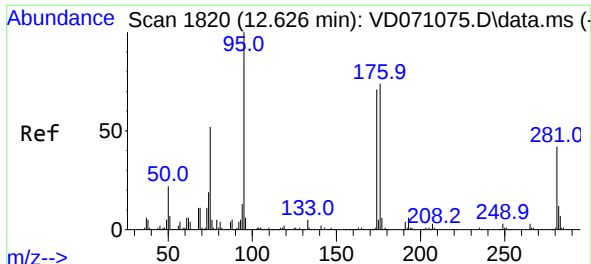
Tgt Ion: 98 Resp: 865512

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6

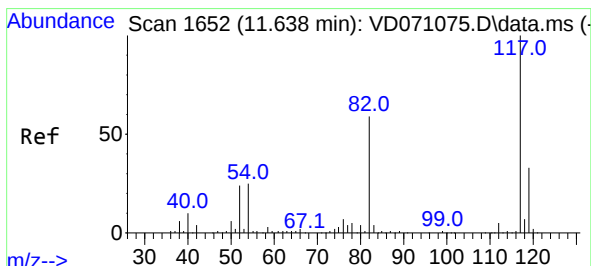
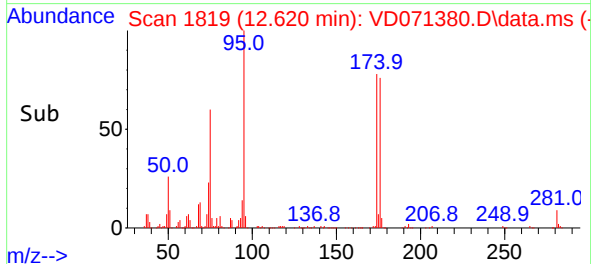
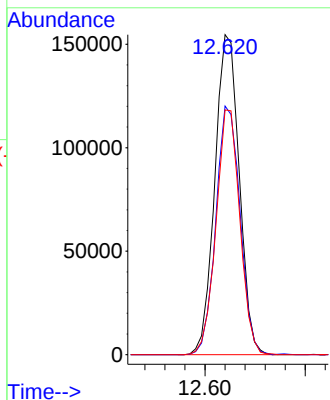
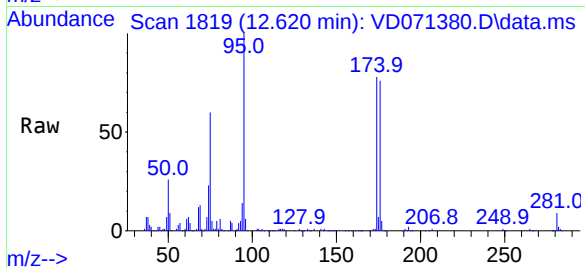




#62
4-Bromofluorobenzene
Concen: 44.552 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071380.D
Acq: 17 Dec 2021 12:52

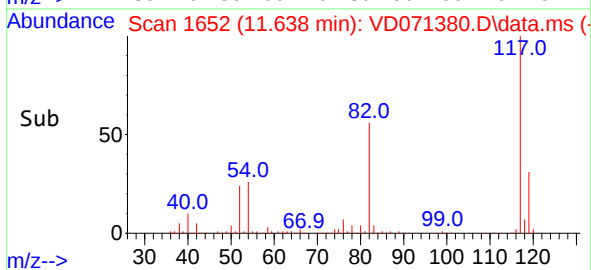
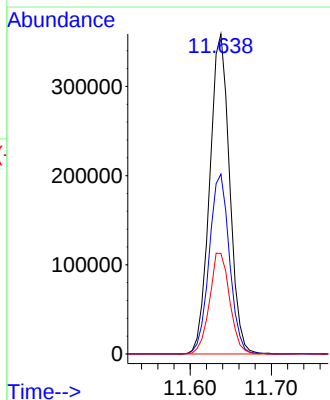
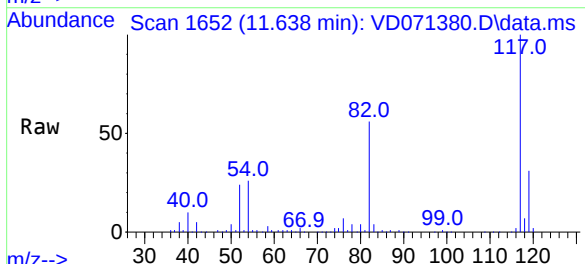
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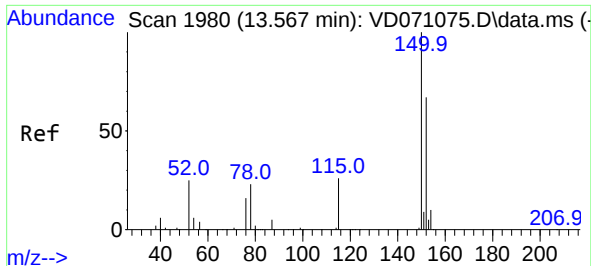
Tgt Ion: 95 Resp: 260917
Ion Ratio Lower Upper
95 100
174 77.2 0.0 159.4
176 74.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071380.D
Acq: 17 Dec 2021 12:52

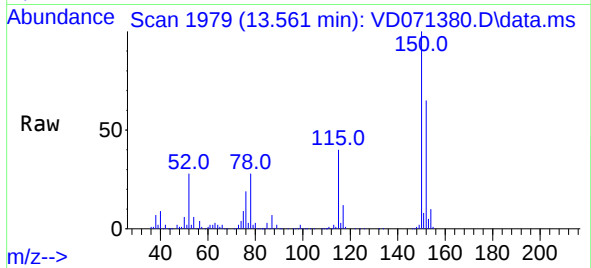
Tgt Ion: 117 Resp: 610514
Ion Ratio Lower Upper
117 100
82 56.2 44.7 67.1
119 31.4 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD071380.D
 Acq: 17 Dec 2021 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC



Tgt Ion:152 Resp: 254930
 Ion Ratio Lower Upper
 152 100
 115 61.9 29.8 89.3
 150 157.6 0.0 349.2

