

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071267.D
 Acq On : 11 Dec 2021 13:58
 Operator : VA/SY
 Sample : M5018-49
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7

Quant Time: Dec 12 17:51:44 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)

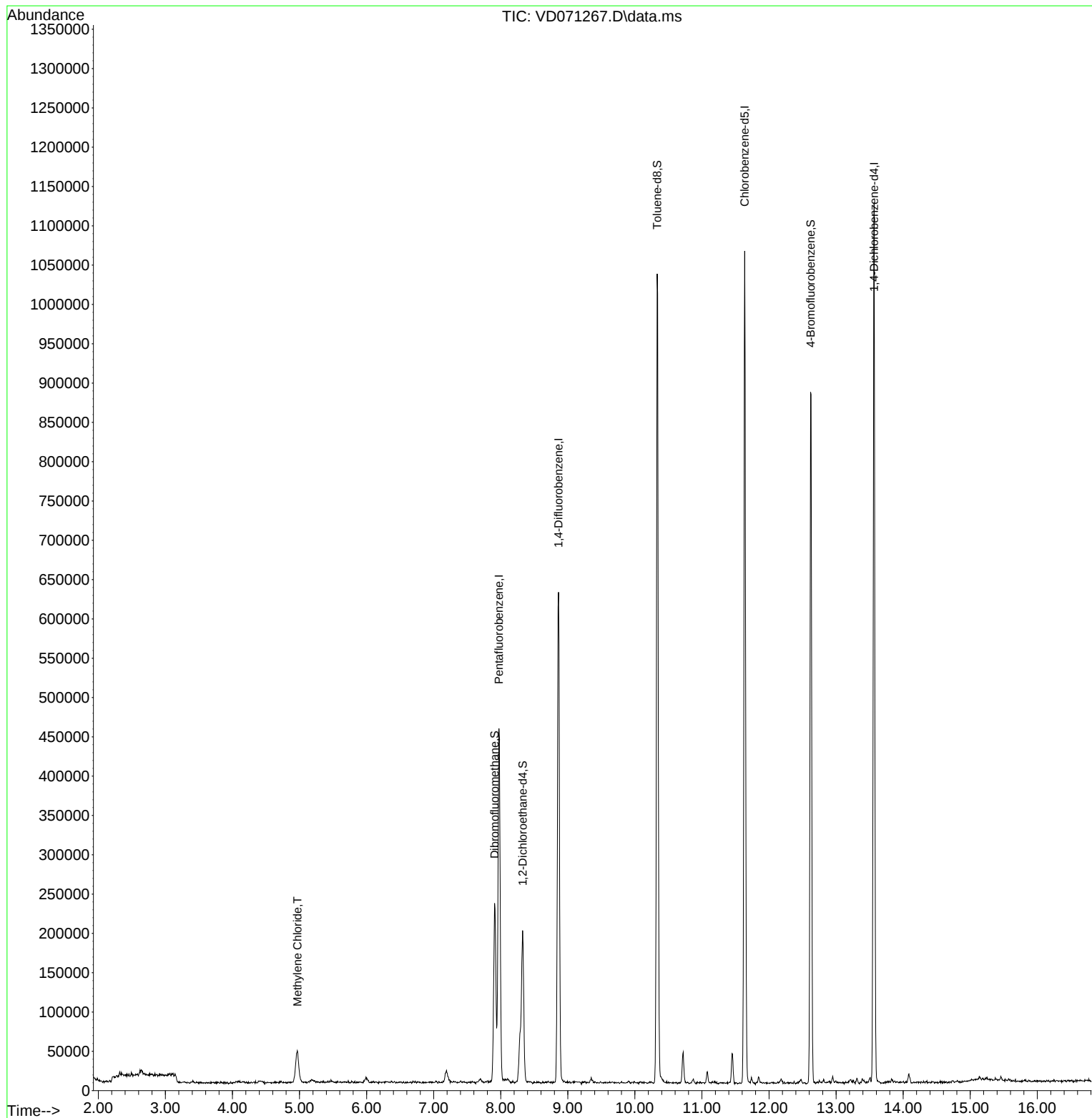
Internal Standards						
1) Pentafluorobenzene	7.973	168	310044	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	516751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	556104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144719	39.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.560%
35) Dibromofluoromethane	7.909	113	158429	48.146	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.332	98	666692	53.240	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.620	95	267028	61.516	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.040%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.967	84	28232	3.834	ug/l #	89

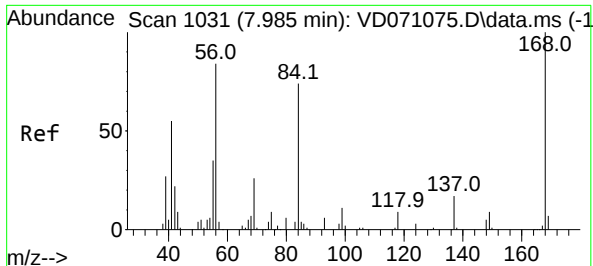
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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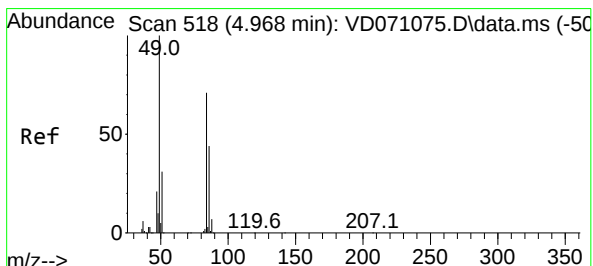
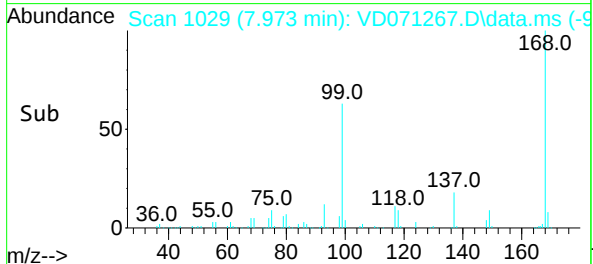
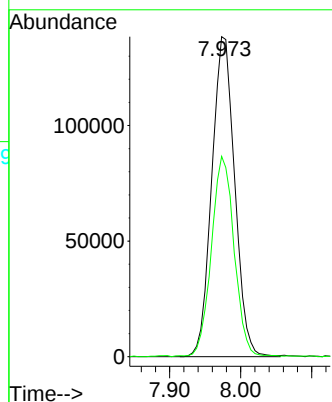
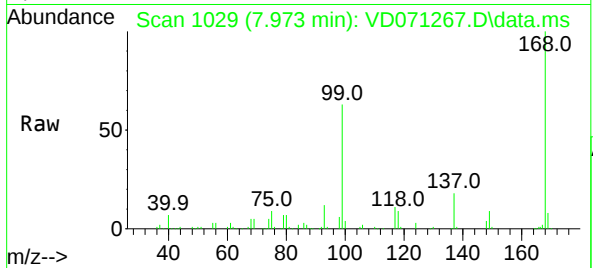




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071267.D
Acq: 11 Dec 2021 13:58

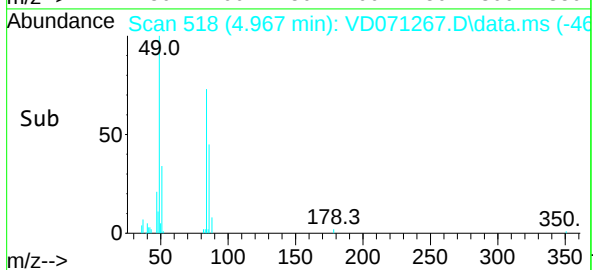
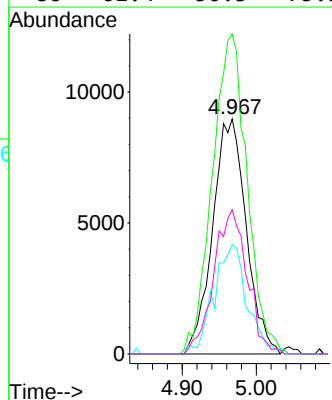
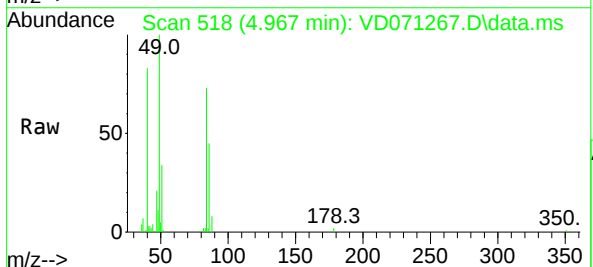
Instrument :
MSVOA_D
ClientSampleId :
TP7

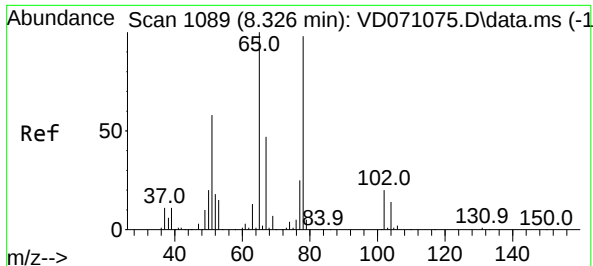
Tgt Ion:168 Resp: 310044
Ion Ratio Lower Upper
168 100
99 62.4 46.6 69.8



#20
Methylene Chloride
Concen: 3.834 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071267.D
Acq: 11 Dec 2021 13:58

Tgt Ion: 84 Resp: 28232
Ion Ratio Lower Upper
84 100
49 136.2 95.8 143.6
51 46.6 30.9 46.3#
86 61.4 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 39.780 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071267.D

Acq: 11 Dec 2021 13:58

Instrument :

MSVOA_D

ClientSampleId :

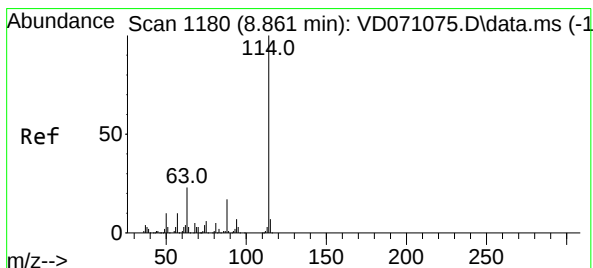
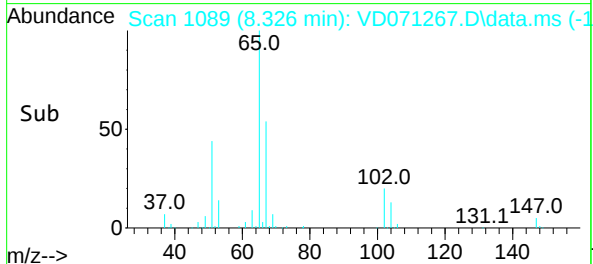
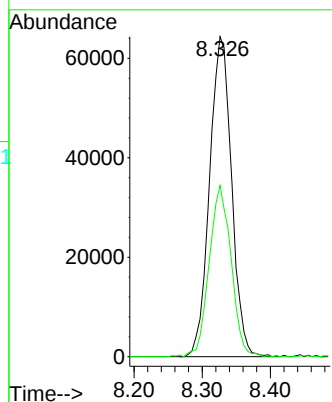
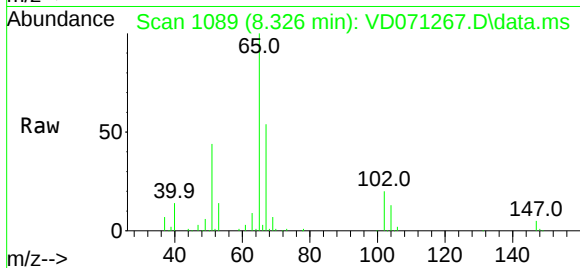
TP7

Tgt Ion: 65 Resp: 144719

Ion Ratio Lower Upper

65 100

67 53.3 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: VD071267.D

Acq: 11 Dec 2021 13:58

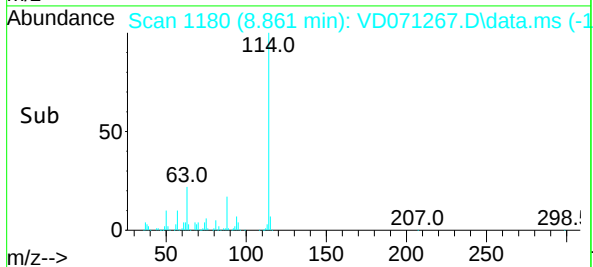
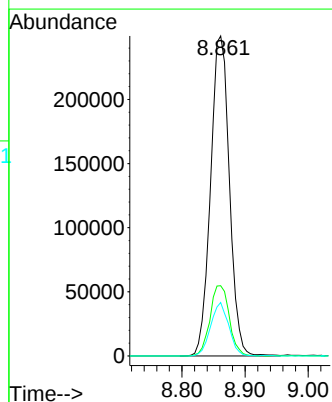
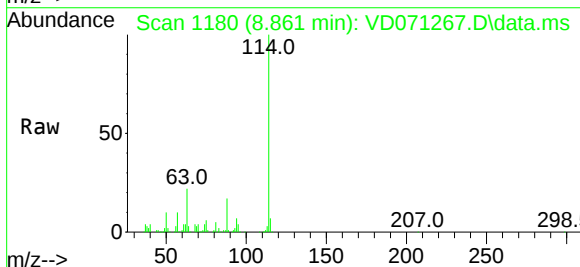
Tgt Ion: 114 Resp: 516751

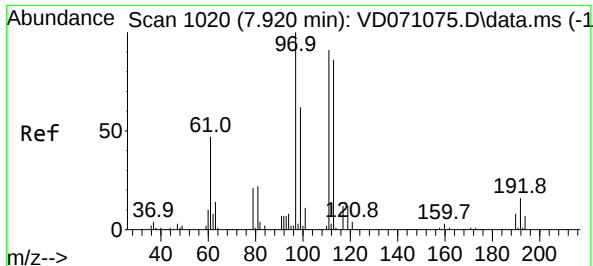
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.146 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD071267.D

Acq: 11 Dec 2021 13:58

Instrument :

MSVOA_D

ClientSampleId :

TP7

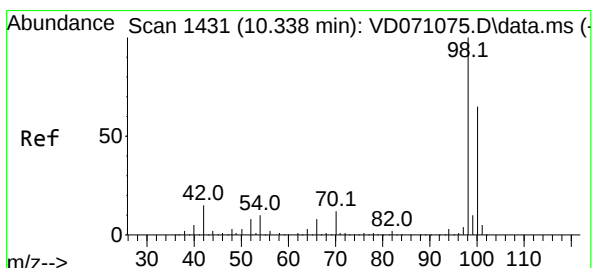
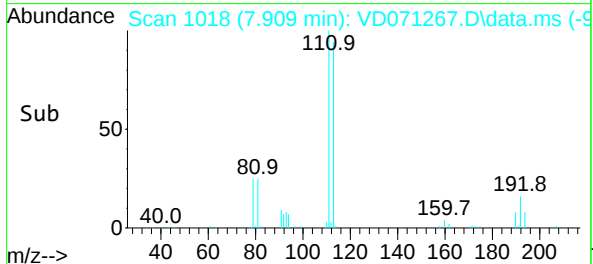
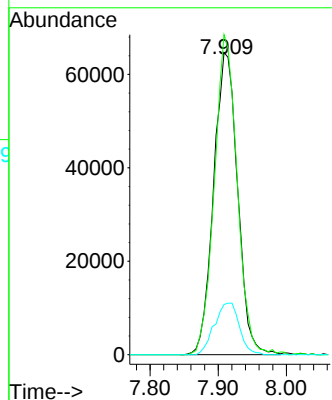
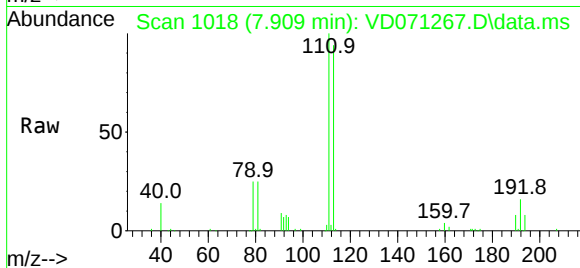
Tgt Ion:113 Resp: 158429

Ion Ratio Lower Upper

113 100

111 100.8 82.0 123.0

192 17.8 15.2 22.8



#50

Toluene-d8

Concen: 53.240 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071267.D

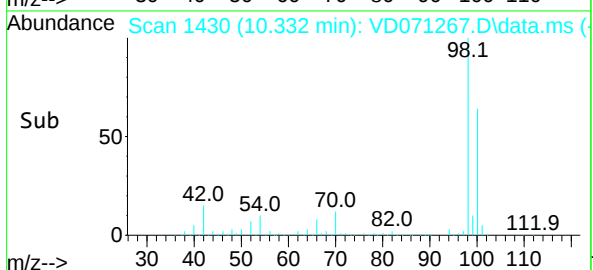
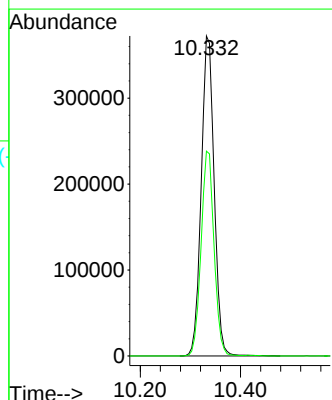
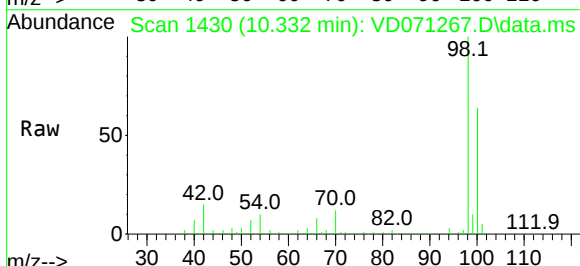
Acq: 11 Dec 2021 13:58

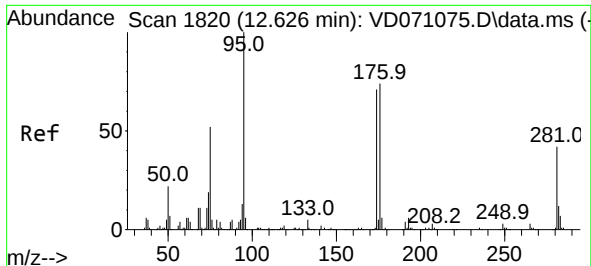
Tgt Ion: 98 Resp: 666692

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6

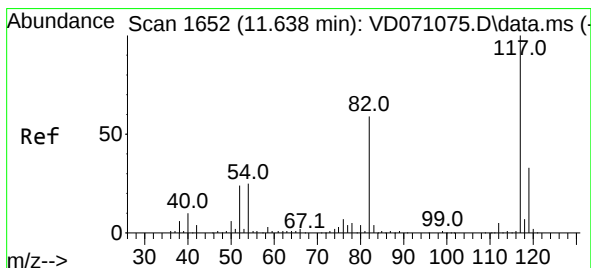
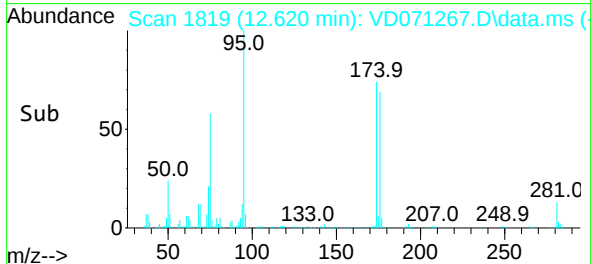
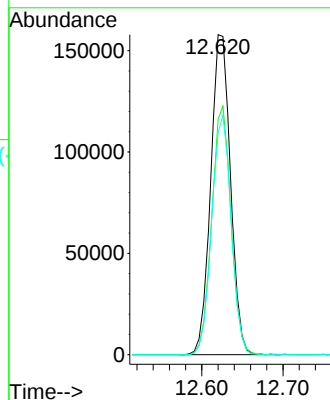
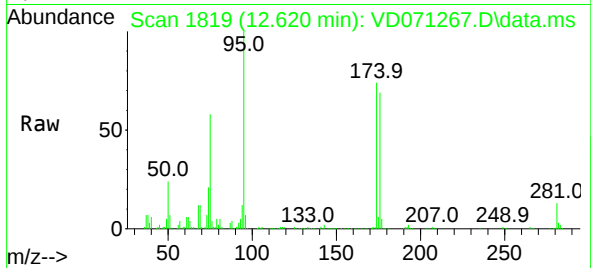




#62
4-Bromofluorobenzene
Concen: 61.516 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071267.D
Acq: 11 Dec 2021 13:58

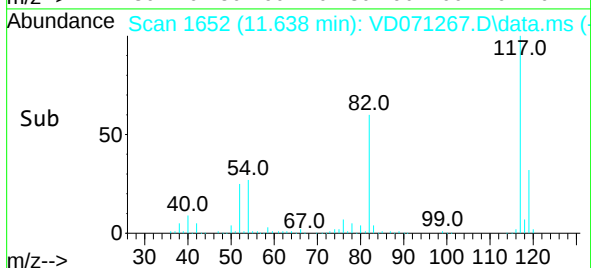
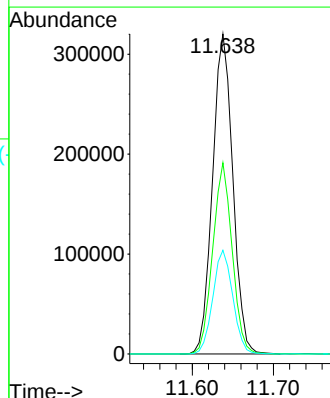
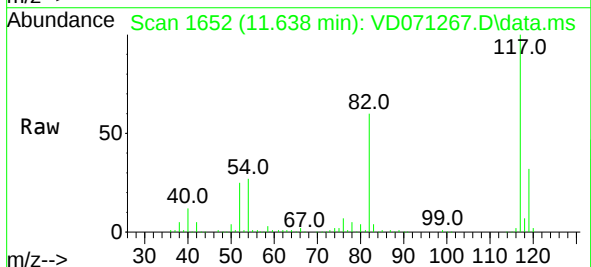
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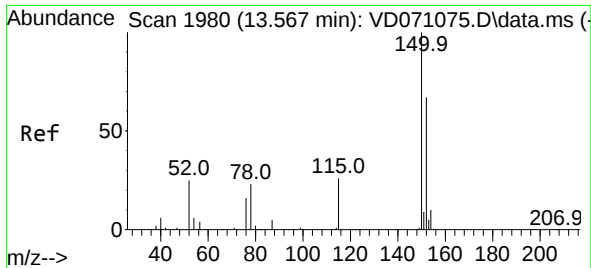
Tgt Ion: 95 Resp: 267028
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 73.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071267.D
Acq: 11 Dec 2021 13:58

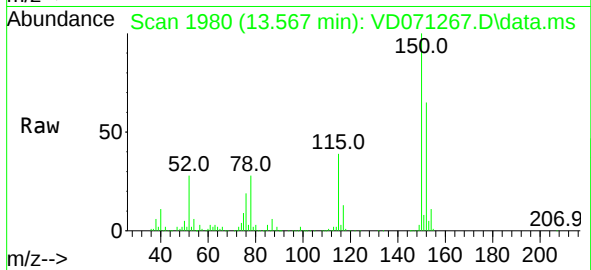
Tgt Ion: 117 Resp: 556104
Ion Ratio Lower Upper
117 100
82 59.7 44.7 67.1
119 32.4 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071267.D
Acq: 11 Dec 2021 13:58

Instrument :
MSVOA_D
ClientSampleId :
TP7



Tgt Ion:152 Resp: 265873
Ion Ratio Lower Upper
152 100
115 62.5 29.8 89.3
150 156.0 0.0 349.2

