

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071279.D
 Acq On : 11 Dec 2021 19:37
 Operator : VA/SY
 Sample : M5017-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Dec 12 18:52:17 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)

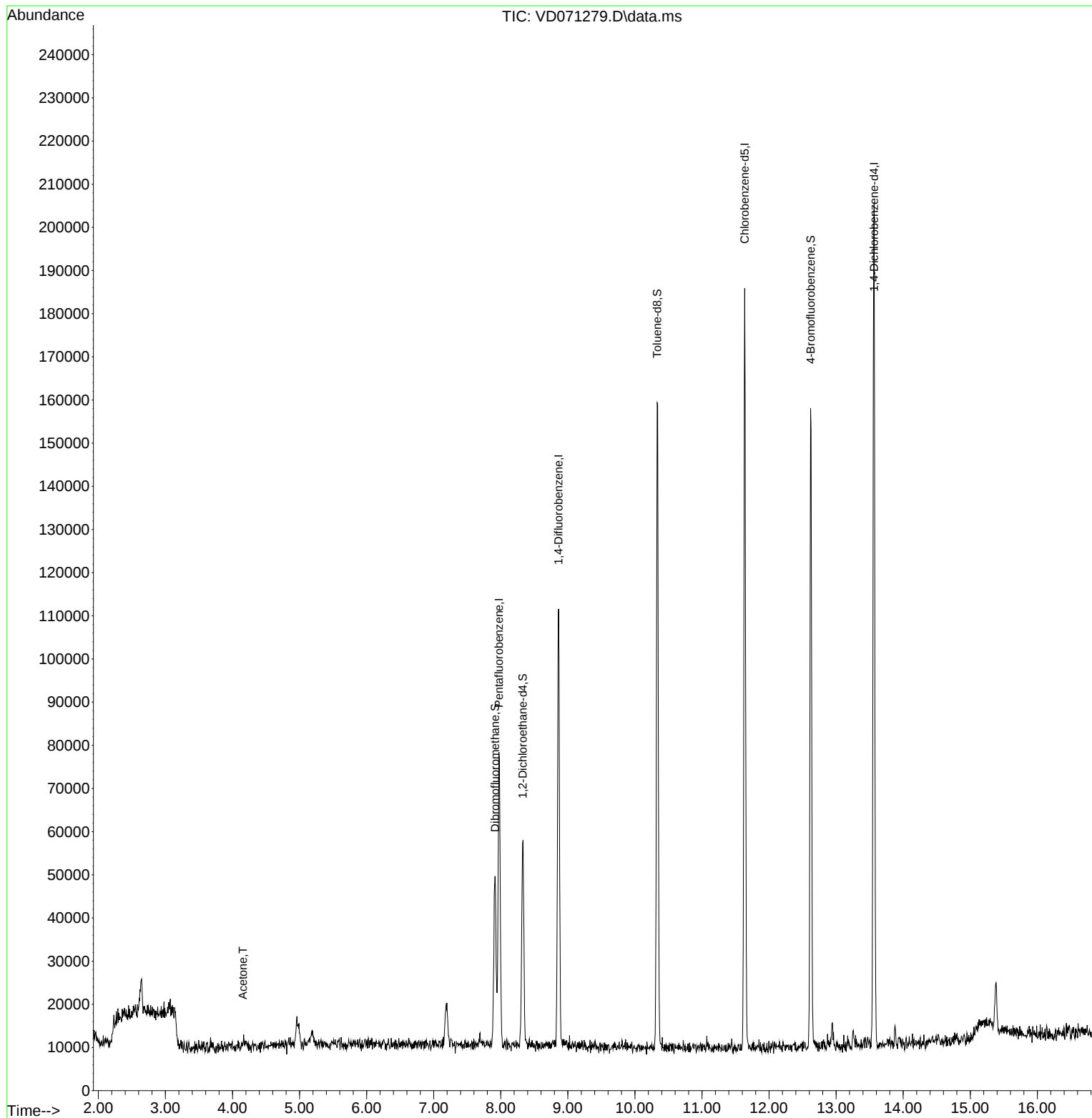
Internal Standards						
1) Pentafluorobenzene	7.973	168	46230	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.861	114	80329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	92412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	49761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	36557	67.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.780%	
35) Dibromofluoromethane	7.914	113	28416	55.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.100%	
50) Toluene-d8	10.332	98	100517	51.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.620	95	46438	68.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.640%	
Target Compounds						
16) Acetone	4.156	43	1802	41.765	ug/l	Qvalue 89

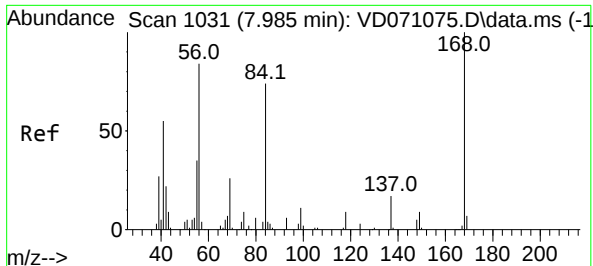
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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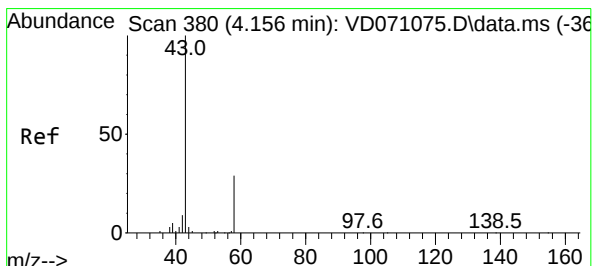
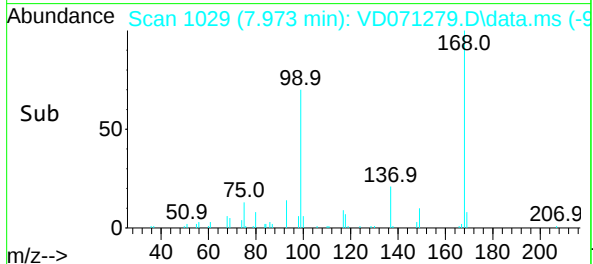
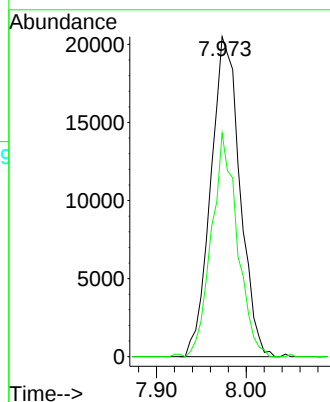
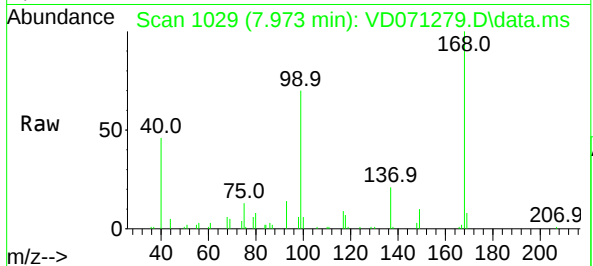




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071279.D
Acq: 11 Dec 2021 19:37

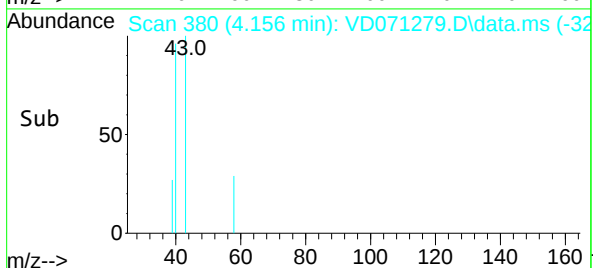
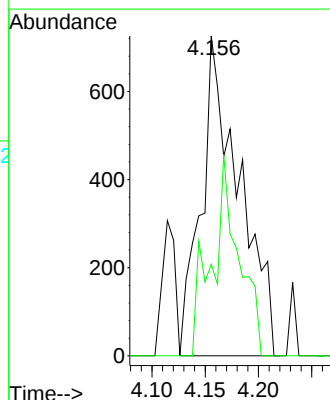
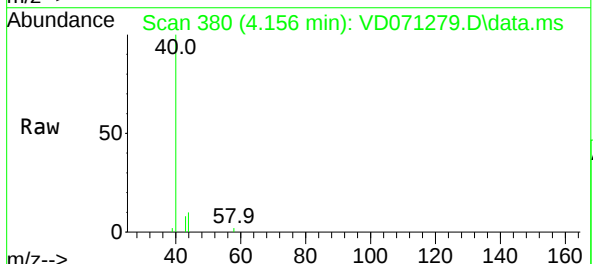
Instrument :
MSVOA_D
ClientSampleId :
TP1

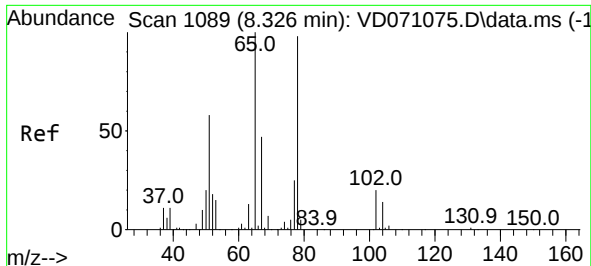
Tgt Ion:168 Resp: 46230
Ion Ratio Lower Upper
168 100
99 69.9 46.6 69.8#



#16
Acetone
Concen: 41.765 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071279.D
Acq: 11 Dec 2021 19:37

Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 67.392 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD071279.D

Acq: 11 Dec 2021 19:37

Instrument :

MSVOA_D

ClientSampleId :

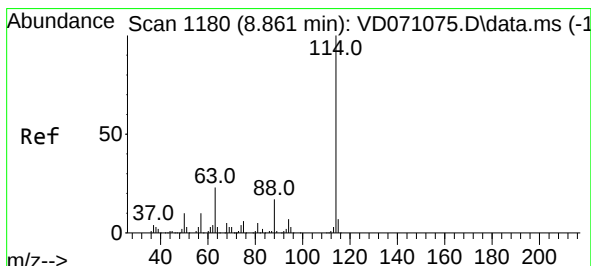
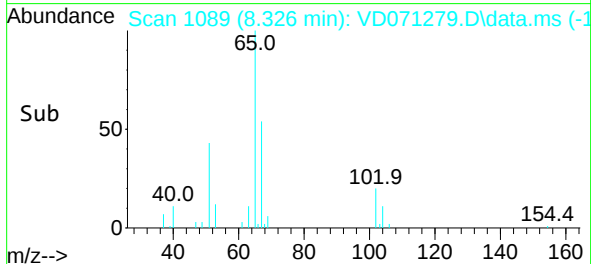
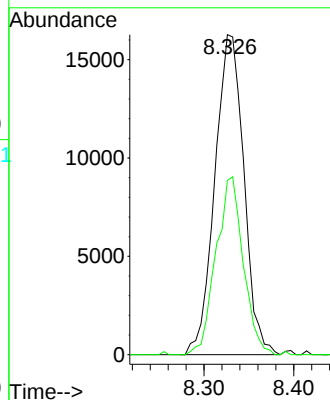
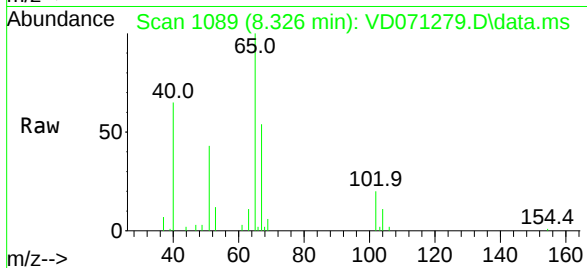
TP1

Tgt Ion: 65 Resp: 36557

Ion Ratio Lower Upper

65 100

67 52.3 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: VD071279.D

Acq: 11 Dec 2021 19:37

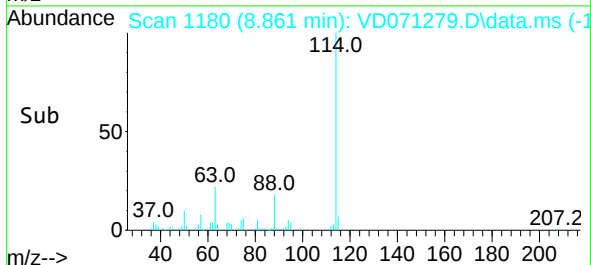
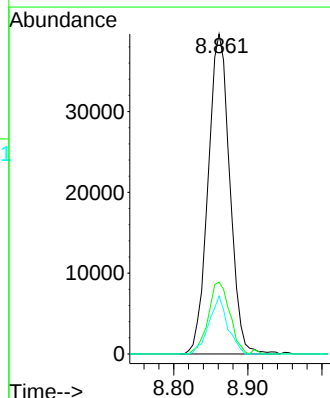
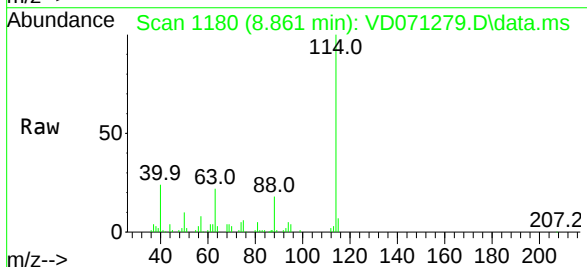
Tgt Ion: 114 Resp: 80329

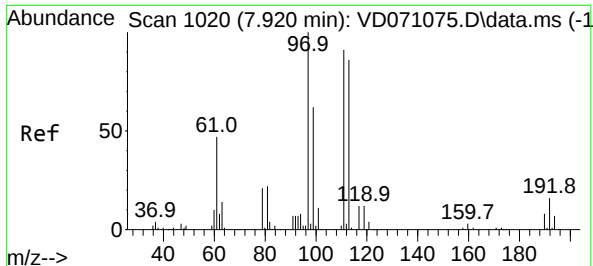
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 18.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 55.551 ug/l

RT: 7.914 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD071279.D

Acq: 11 Dec 2021 19:37

Instrument :

MSVOA_D

ClientSampleId :

TP1

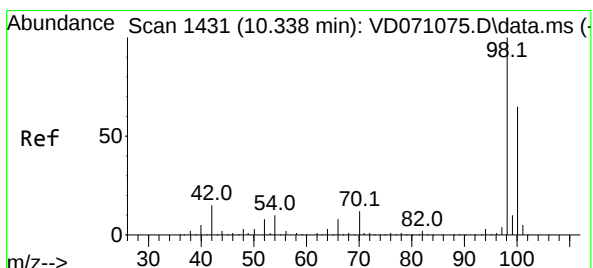
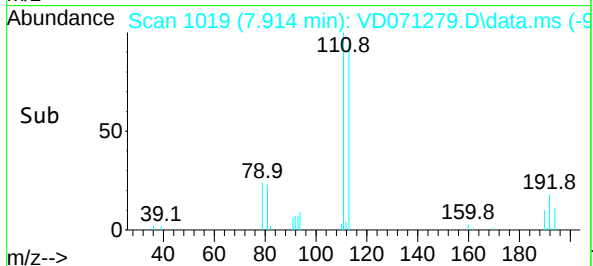
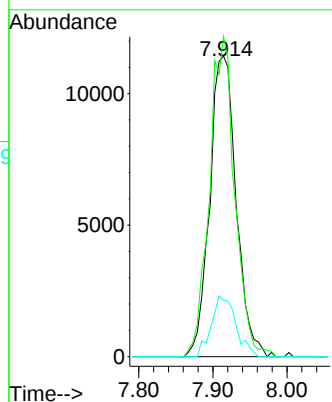
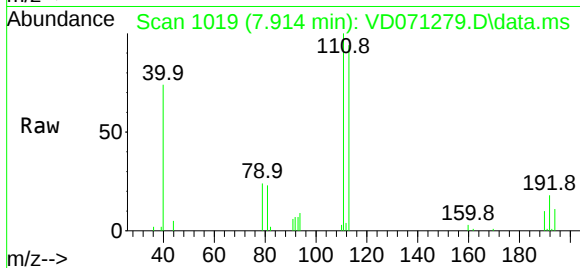
Tgt Ion:113 Resp: 28416

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 18.6 15.2 22.8



#50

Toluene-d8

Concen: 51.637 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071279.D

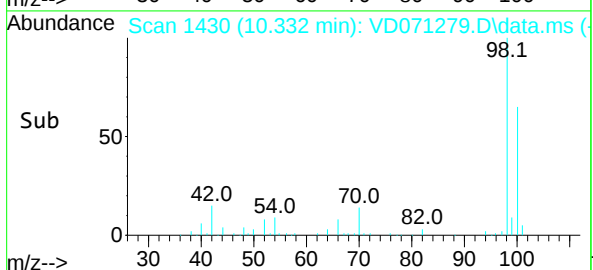
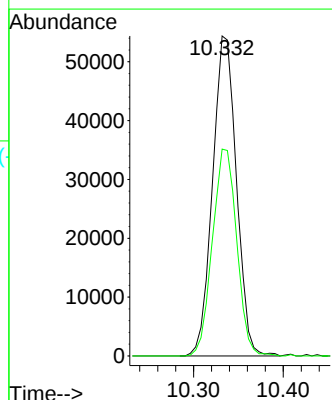
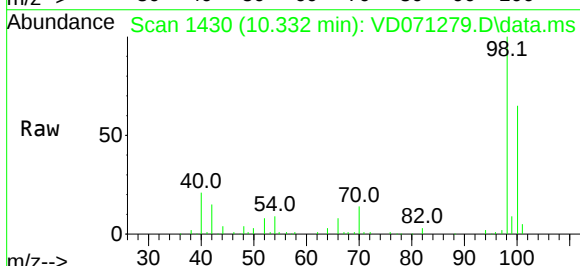
Acq: 11 Dec 2021 19:37

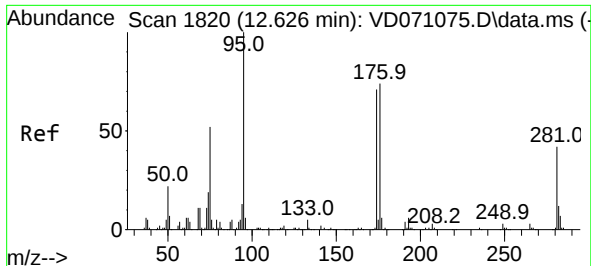
Tgt Ion: 98 Resp: 100517

Ion Ratio Lower Upper

98 100

100 65.8 51.8 77.6

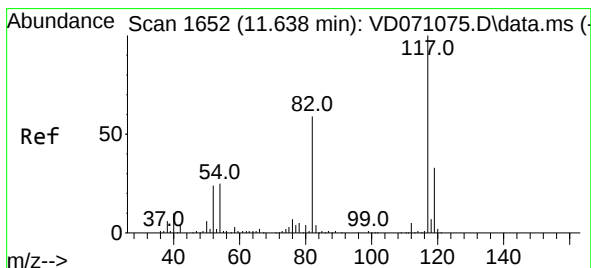
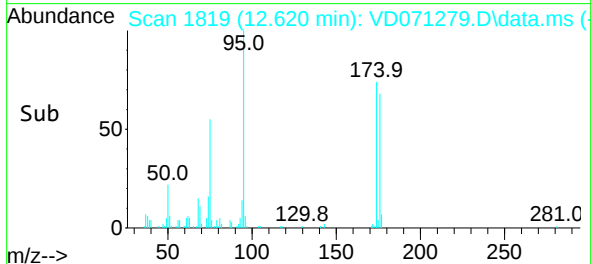
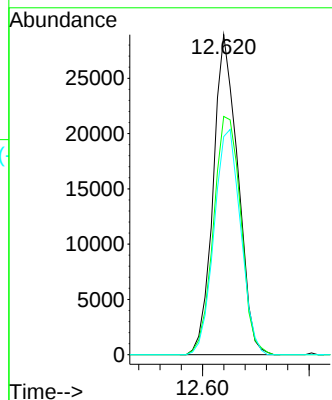
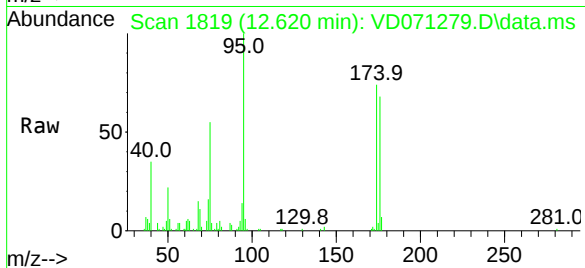




#62
4-Bromofluorobenzene
Concen: 68.820 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071279.D
Acq: 11 Dec 2021 19:37

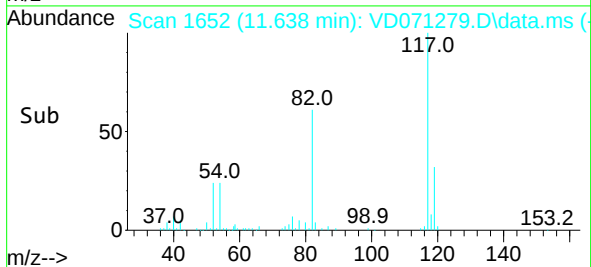
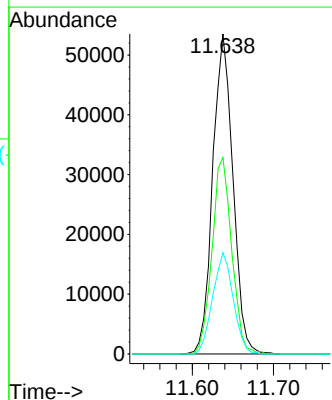
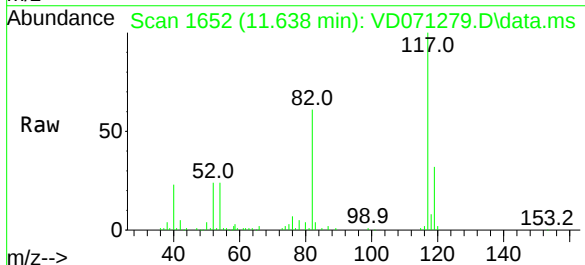
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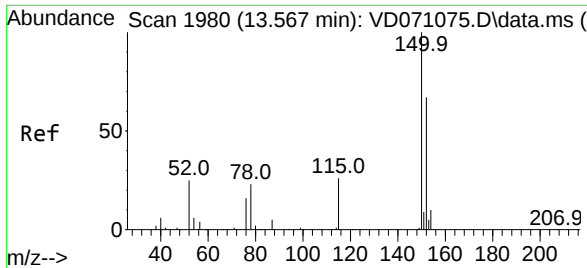
Tgt Ion: 95 Resp: 46438
Ion Ratio Lower Upper
95 100
174 82.3 0.0 159.4
176 75.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071279.D
Acq: 11 Dec 2021 19:37

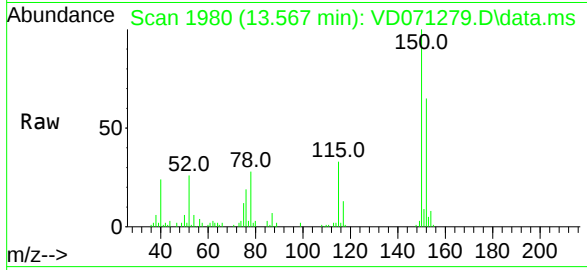
Tgt Ion: 117 Resp: 92412
Ion Ratio Lower Upper
117 100
82 61.4 44.7 67.1
119 31.6 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071279.D
 Acq: 11 Dec 2021 19:37

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1



Tgt Ion:152 Resp: 49761
 Ion Ratio Lower Upper
 152 100
 115 61.5 29.8 89.3
 150 159.0 0.0 349.2

