

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071135.D
 Acq On : 03 Dec 2021 15:21
 Operator : VA/SY
 Sample : M4910-19RE
 Misc : 5.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-4

Quant Time: Dec 04 03:50:44 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)

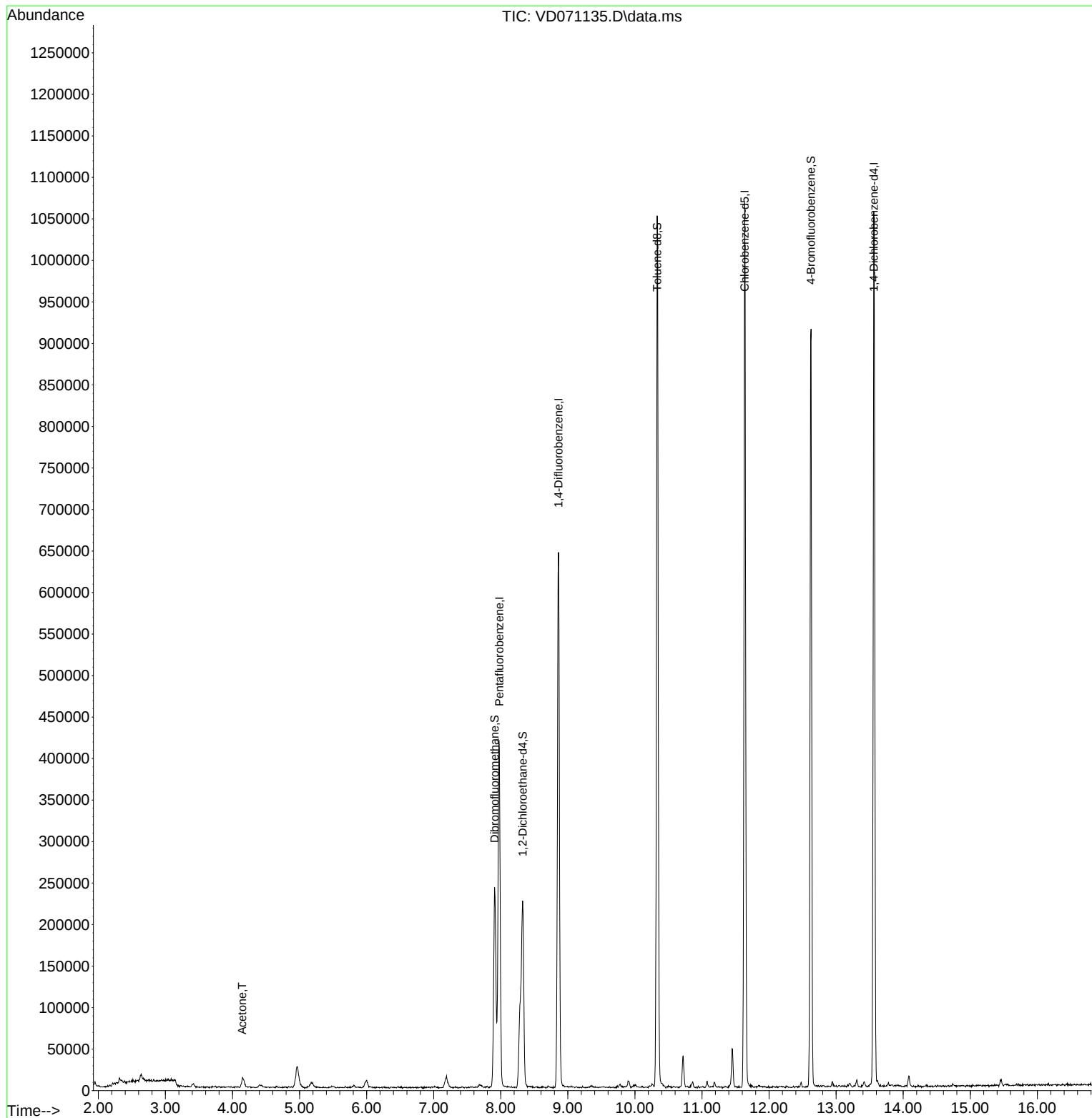
Internal Standards						
1) Pentafluorobenzene	7.979	168	294252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	531745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	561279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173214	50.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.340%	
35) Dibromofluoromethane	7.908	113	168543	49.775	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.560%	
50) Toluene-d8	10.332	98	681549	52.891	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.626	95	268814	60.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.360%	
Target Compounds						
16) Acetone	4.144	43	20019	49.942	ug/l	Qvalue # 72

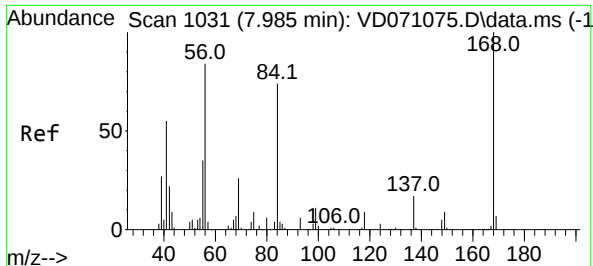
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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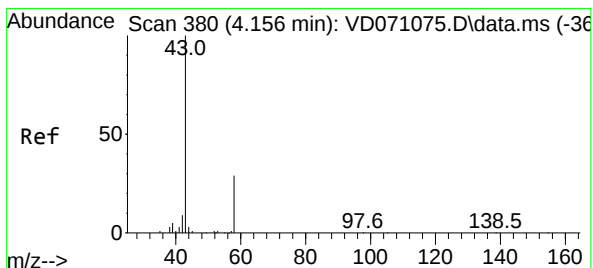
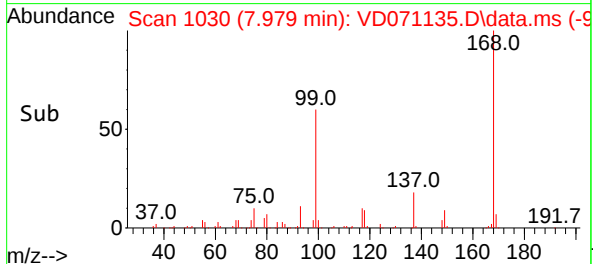
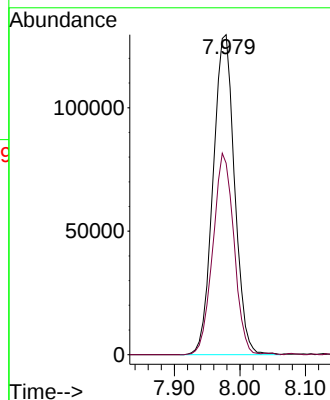
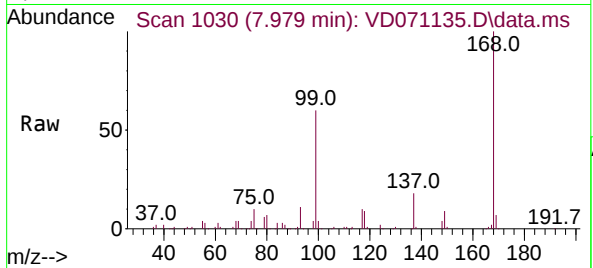




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071135.D
Acq: 03 Dec 2021 15:21

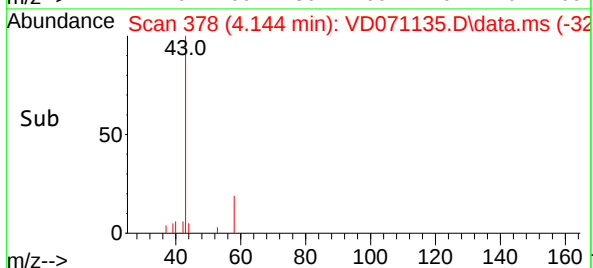
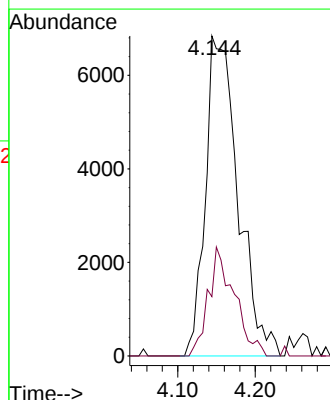
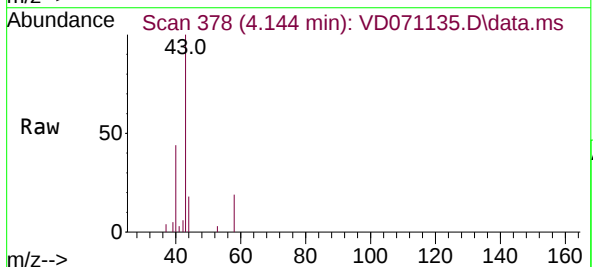
Instrument :
MSVOA_D
ClientSampleId :
SP-1-4

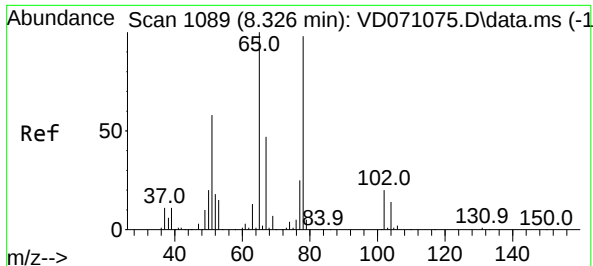
Tgt Ion:168 Resp: 294252
Ion Ratio Lower Upper
168 100
99 59.8 46.6 69.8



#16
Acetone
Concen: 49.942 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD071135.D
Acq: 03 Dec 2021 15:21

Tgt Ion: 43 Resp: 20019
Ion Ratio Lower Upper
43 100
58 18.5 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 50.168 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD071135.D

Acq: 03 Dec 2021 15:21

Instrument :

MSVOA_D

ClientSampleId :

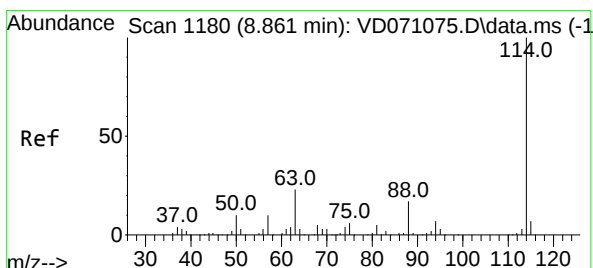
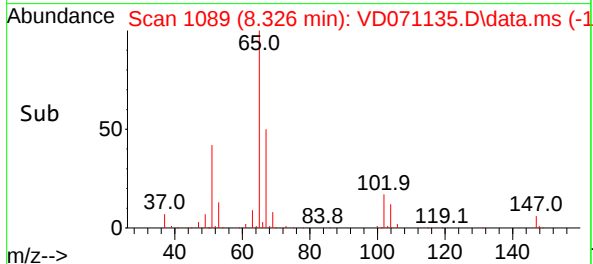
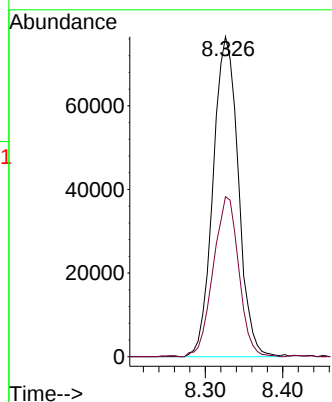
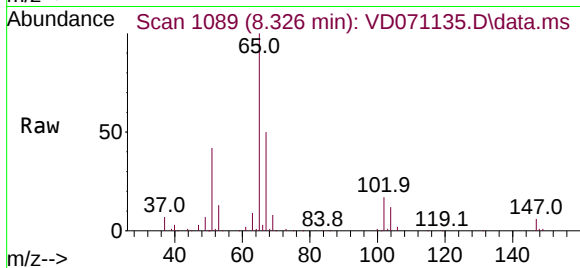
SP-1-4

Tgt Ion: 65 Resp: 173214

Ion Ratio Lower Upper

65 100

67 50.6 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: VD071135.D

Acq: 03 Dec 2021 15:21

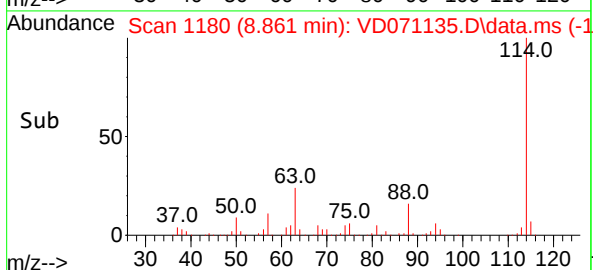
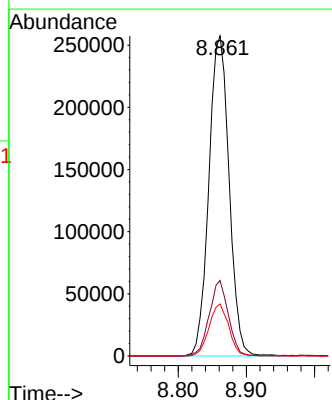
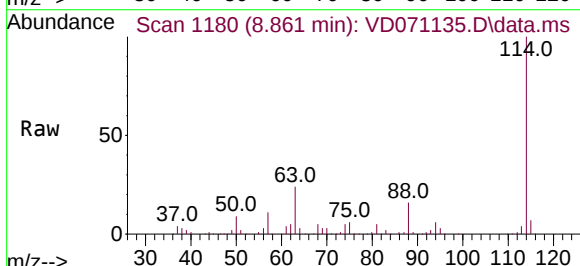
Tgt Ion: 114 Resp: 531745

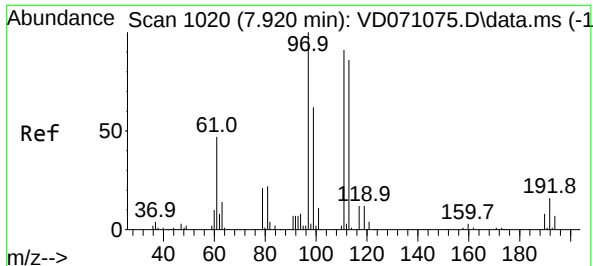
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.775 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071135.D

Acq: 03 Dec 2021 15:21

Instrument :

MSVOA_D

ClientSampleId :

SP-1-4

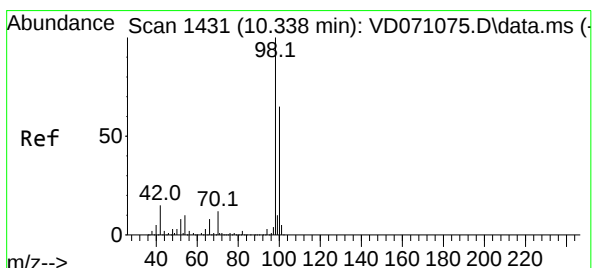
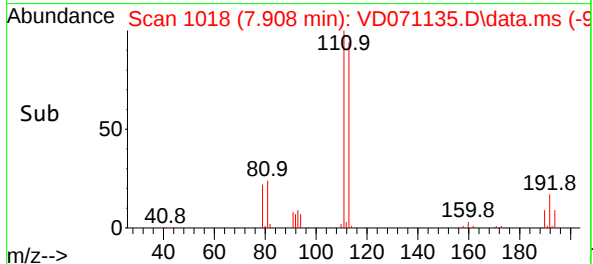
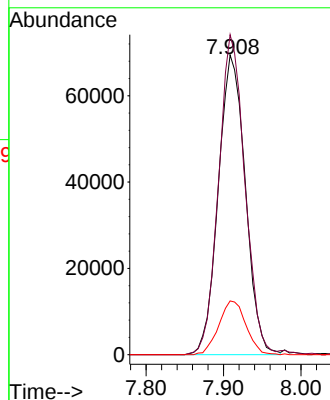
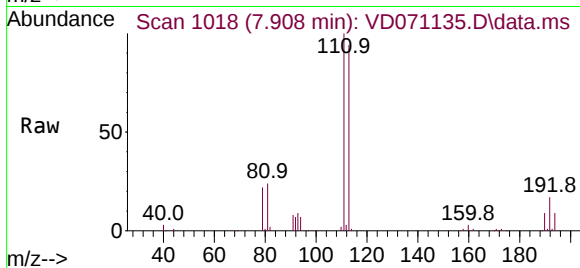
Tgt Ion:113 Resp: 168543

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 18.1 15.2 22.8



#50

Toluene-d8

Concen: 52.891 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071135.D

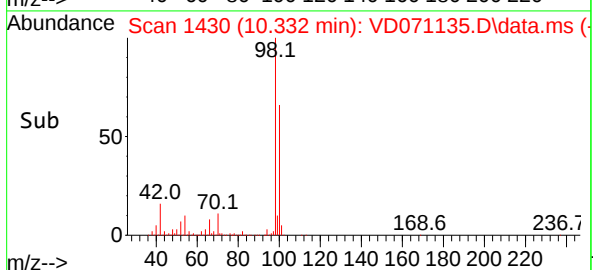
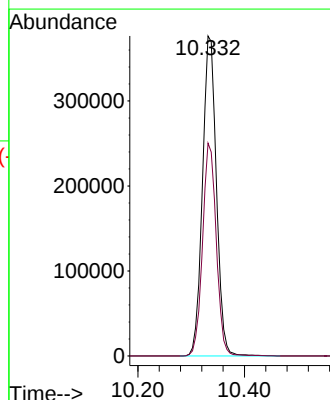
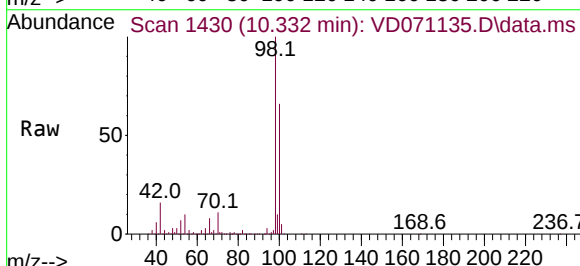
Acq: 03 Dec 2021 15:21

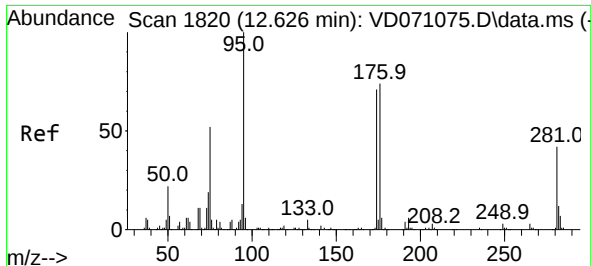
Tgt Ion: 98 Resp: 681549

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6

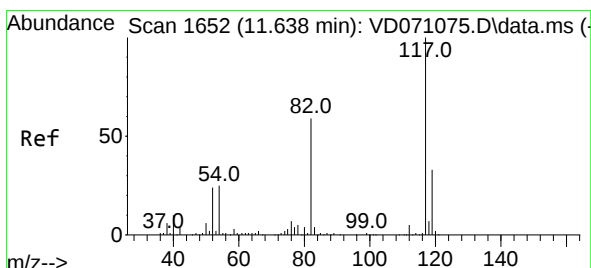
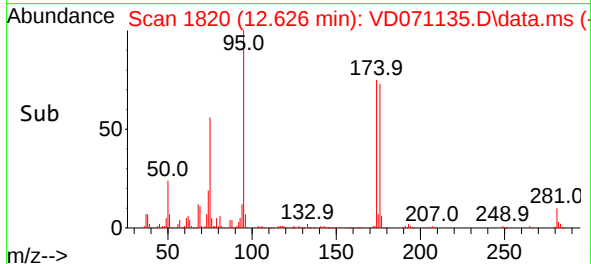
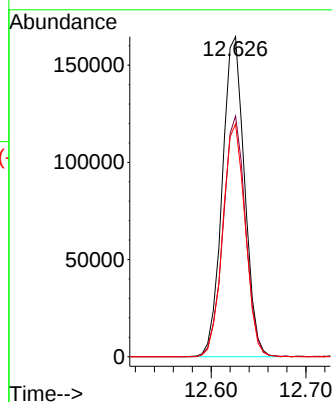
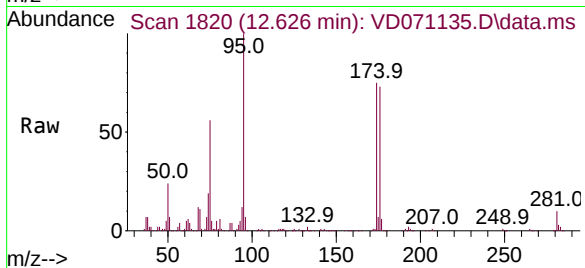




#62
4-Bromofluorobenzene
Concen: 60.182 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071135.D
Acq: 03 Dec 2021 15:21

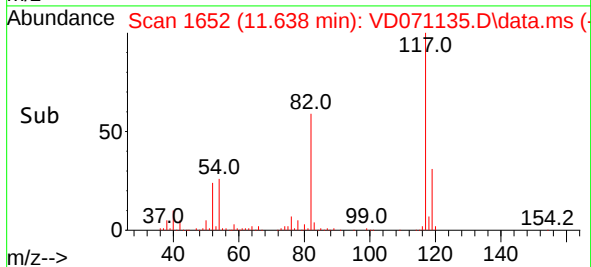
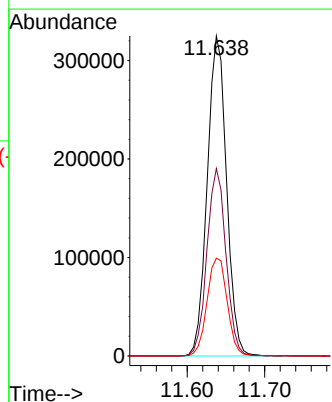
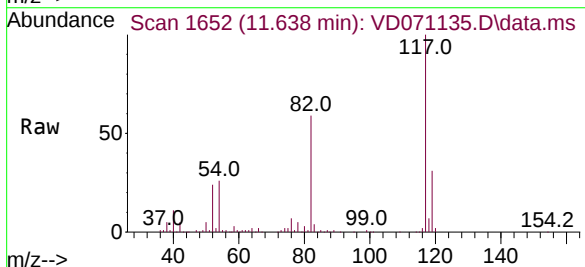
Instrument :
MSVOA_D
ClientSampleId :
SP-1-4

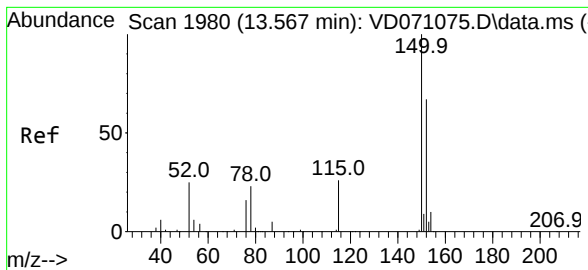
Tgt Ion: 95 Resp: 268814
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 73.5 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071135.D
Acq: 03 Dec 2021 15:21

Tgt Ion: 117 Resp: 561279
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 30.5 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD071135.D
 Acq: 03 Dec 2021 15:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-4

Tgt Ion:152 Resp: 262791
 Ion Ratio Lower Upper
 152 100
 115 61.5 29.8 89.3
 150 156.9 0.0 349.2

