

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071415.D
 Acq On : 21 Dec 2021 17:21
 Operator : VA/SY
 Sample : M5182-10
 Misc : 7.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HB-3-(20-25)-12-17-21

Quant Time: Dec 21 19:10:01 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)

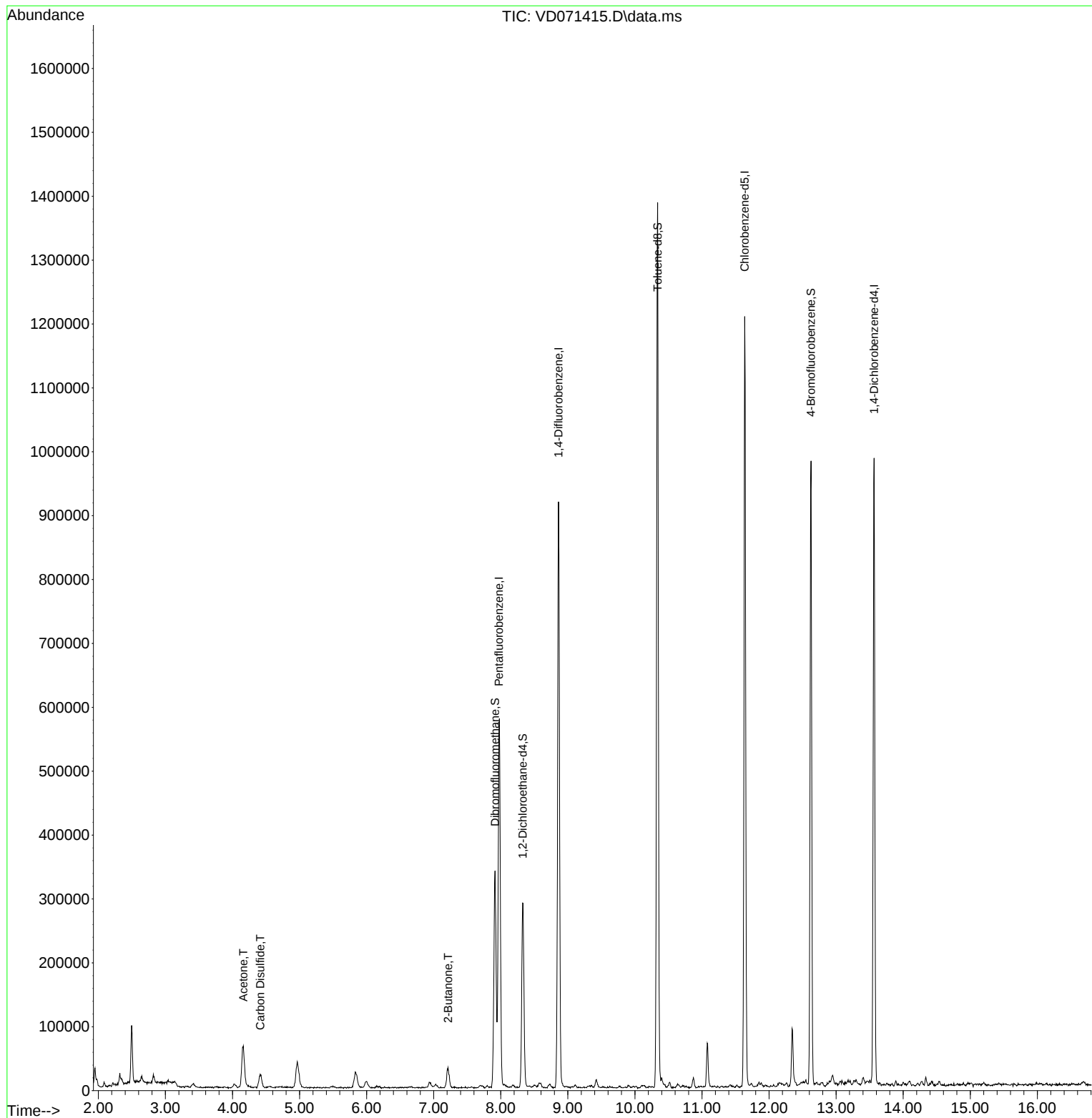
Internal Standards						
1) Pentafluorobenzene	7.973	168	400645	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	720607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	626823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	239506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231508	49.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.500%
35) Dibromofluoromethane	7.914	113	229815	50.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.338	98	903825	51.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.626	95	270051	44.613	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.220%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	118076	113.732	ug/l #	86
17) Carbon Disulfide	4.414	76	43334	3.979	ug/l	99
25) 2-Butanone	7.214	43	42237	54.331	ug/l	90

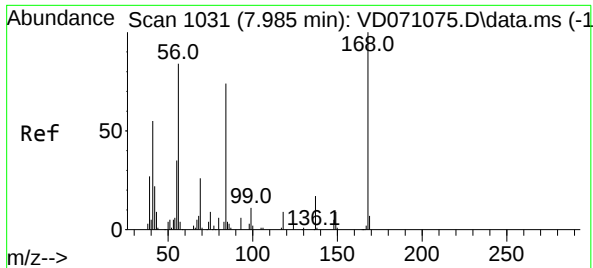
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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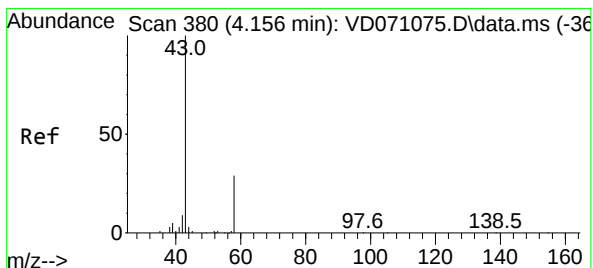
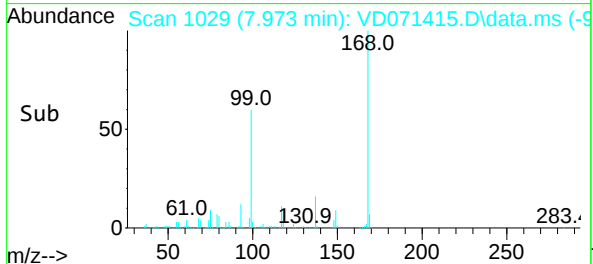
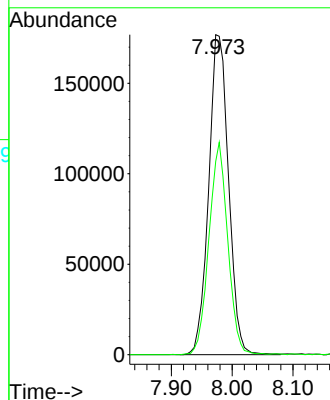
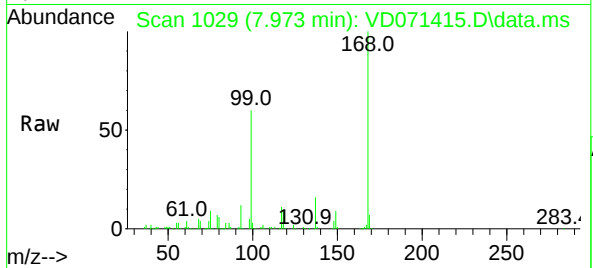




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071415.D
Acq: 21 Dec 2021 17:21

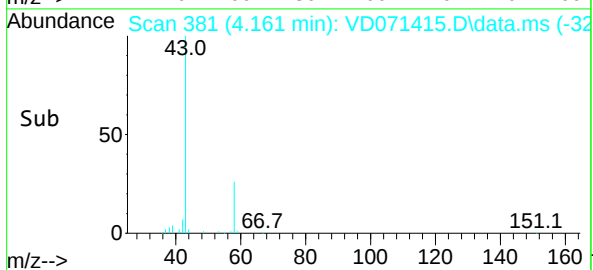
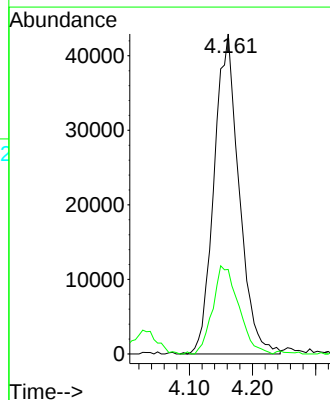
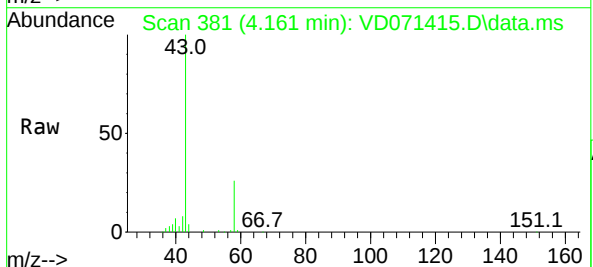
Instrument :
MSVOA_D
ClientSampleId :
HB-3-(20-25)-12-17-21

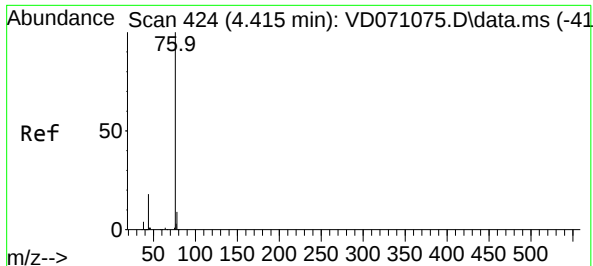
Tgt Ion:168 Resp: 400645
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#16
Acetone
Concen: 113.732 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071415.D
Acq: 21 Dec 2021 17:21

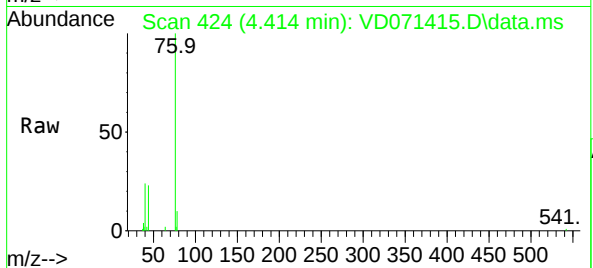
Tgt Ion: 43 Resp: 118076
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#



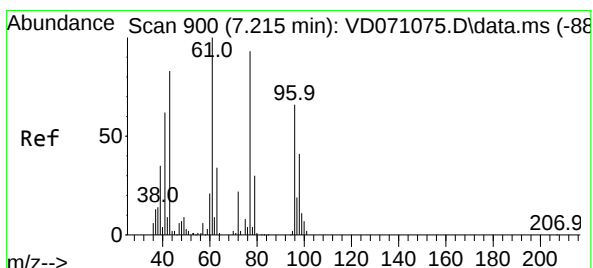
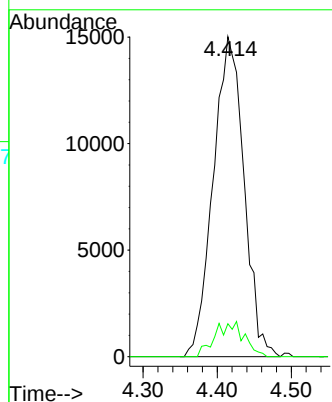
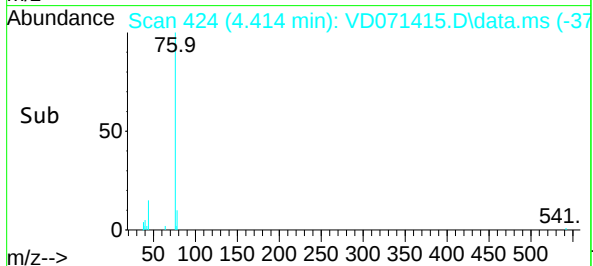


#17
Carbon Disulfide
Concen: 3.979 ug/l
RT: 4.414 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD071415.D
Acq: 21 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :
HB-3-(20-25)-12-17-21

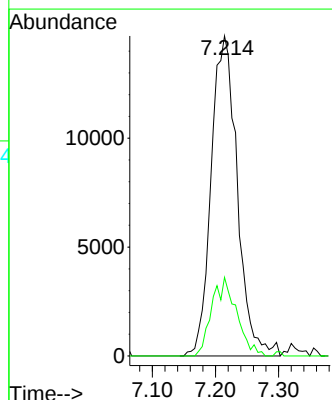
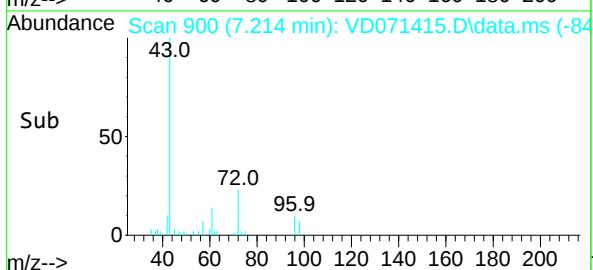
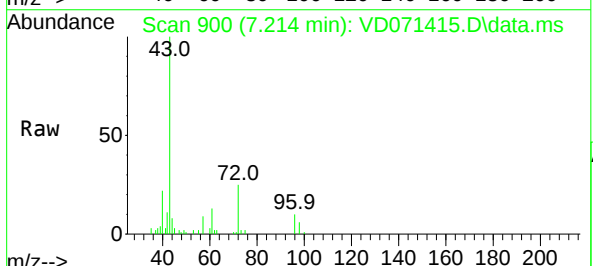


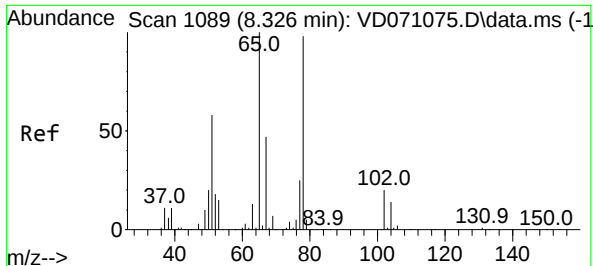
Tgt Ion: 76 Resp: 43334
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.8



#25
2-Butanone
Concen: 54.331 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071415.D
Acq: 21 Dec 2021 17:21

Tgt Ion: 43 Resp: 42237
Ion Ratio Lower Upper
43 100
72 24.5 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 49.245 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD071415.D

Acq: 21 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

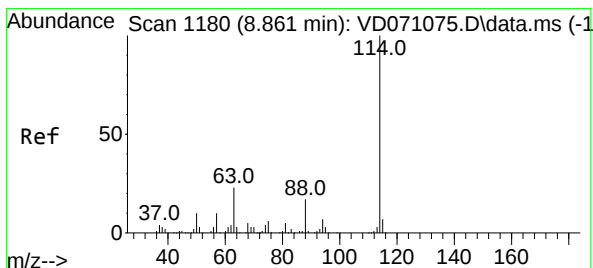
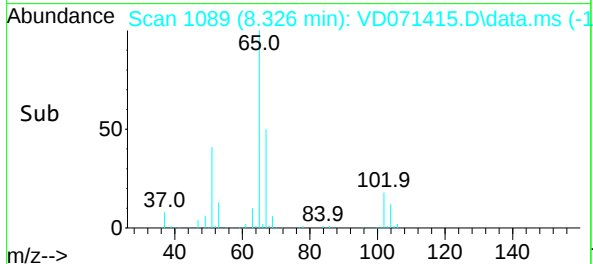
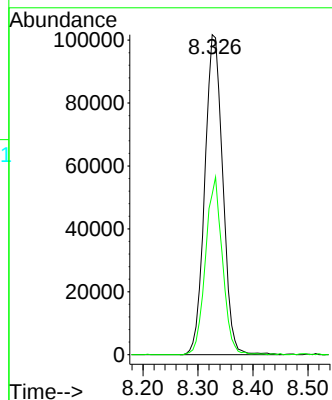
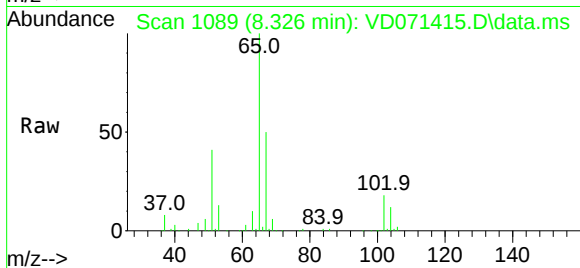
HB-3-(20-25)-12-17-21

Tgt Ion: 65 Resp: 231508

Ion Ratio Lower Upper

65 100

67 52.1 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: VD071415.D

Acq: 21 Dec 2021 17:21

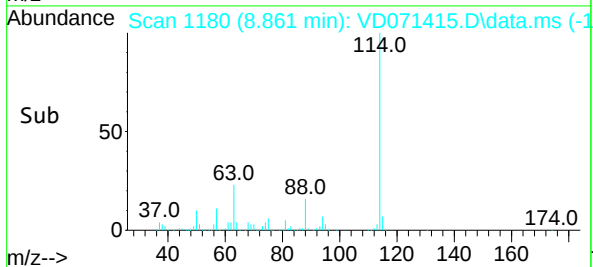
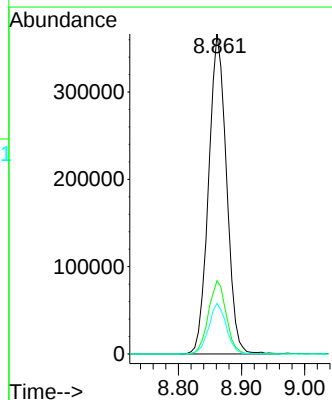
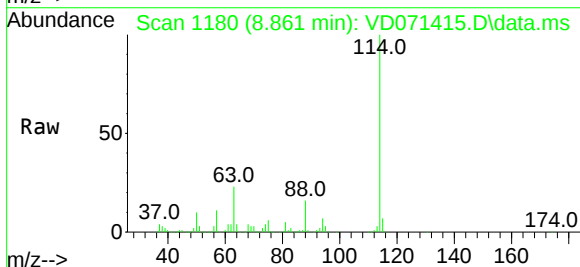
Tgt Ion: 114 Resp: 720607

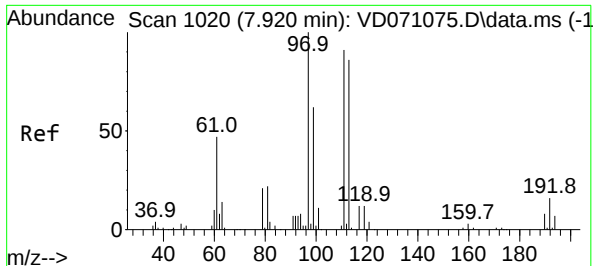
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.082 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071415.D

Acq: 21 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

HB-3-(20-25)-12-17-21

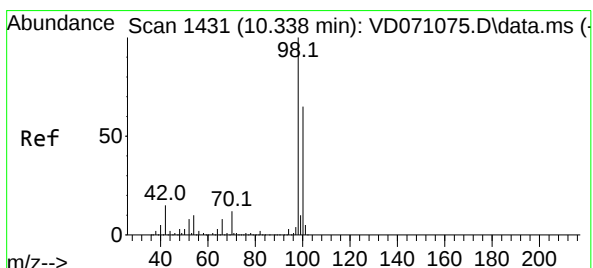
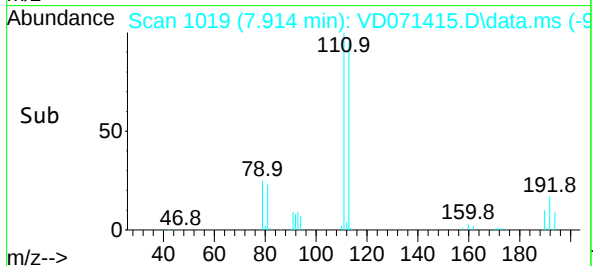
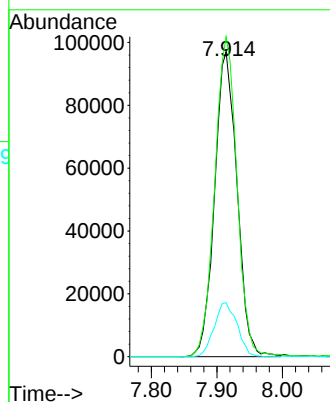
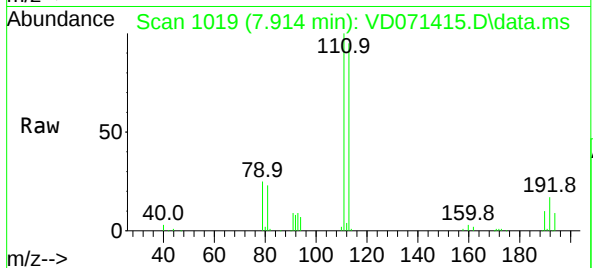
Tgt Ion:113 Resp: 229815

Ion Ratio Lower Upper

113 100

111 104.7 82.0 123.0

192 18.1 15.2 22.8



#50

Toluene-d8

Concen: 51.758 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071415.D

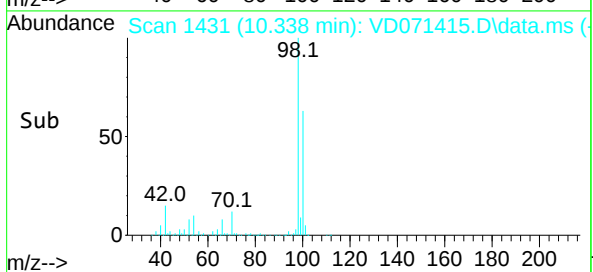
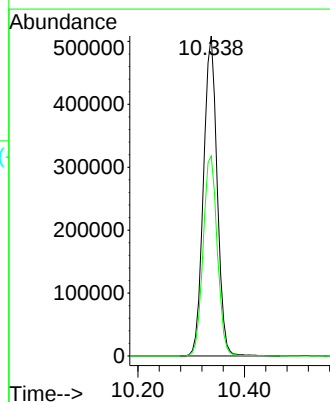
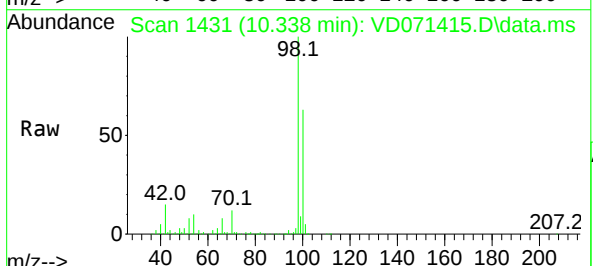
Acq: 21 Dec 2021 17:21

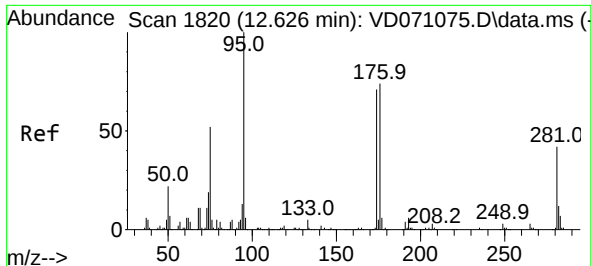
Tgt Ion: 98 Resp: 903825

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

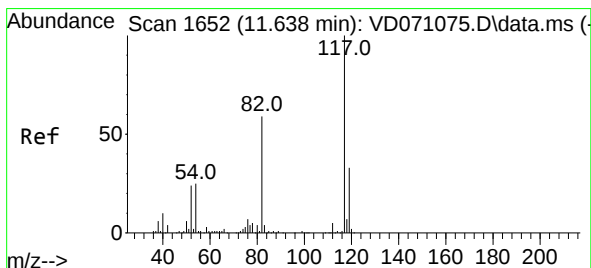
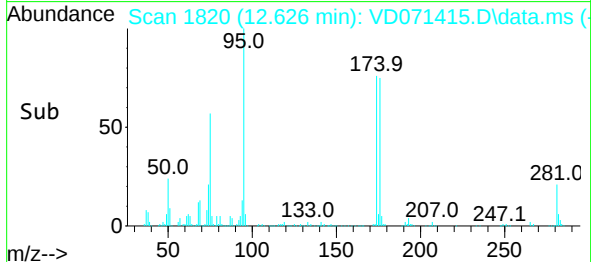
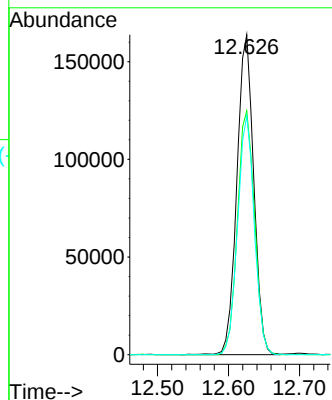
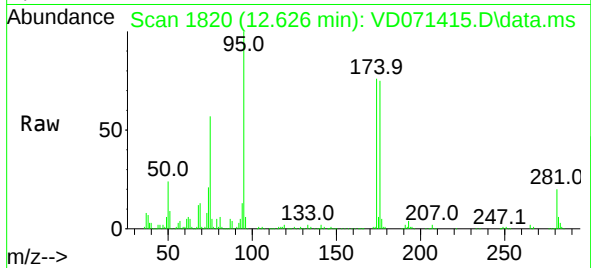




#62
4-Bromofluorobenzene
Concen: 44.613 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071415.D
Acq: 21 Dec 2021 17:21

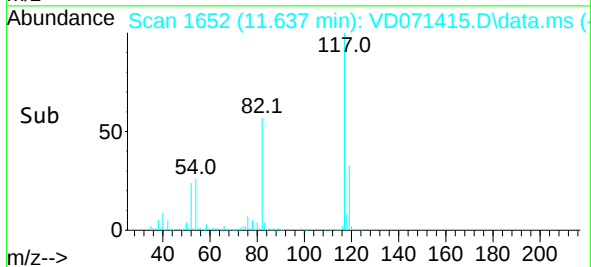
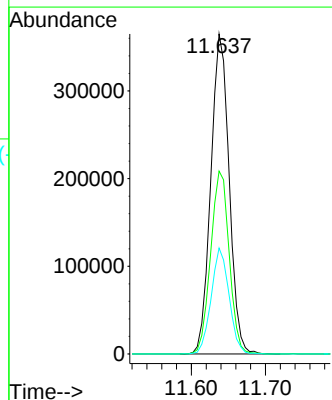
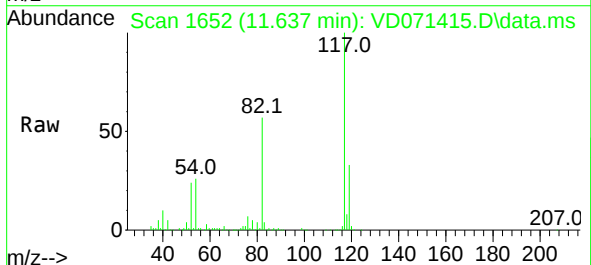
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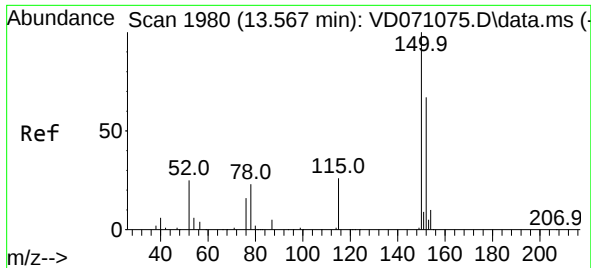
Tgt Ion: 95 Resp: 270051
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.4
176 73.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071415.D
Acq: 21 Dec 2021 17:21

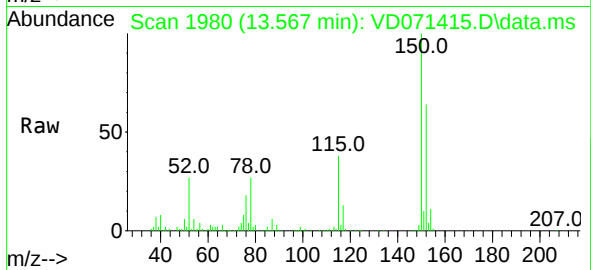
Tgt Ion: 117 Resp: 626823
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 33.1 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071415.D
 Acq: 21 Dec 2021 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 HB-3-(20-25)-12-17-21



Tgt Ion:152 Resp: 239506
 Ion Ratio Lower Upper
 152 100
 115 62.5 29.8 89.3
 150 158.2 0.0 349.2

