

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071867.D
 Acq On : 01 Feb 2022 12:50
 Operator : VA/SY
 Sample : N1340-04
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(1.5-2)

Quant Time: Feb 02 07:05:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

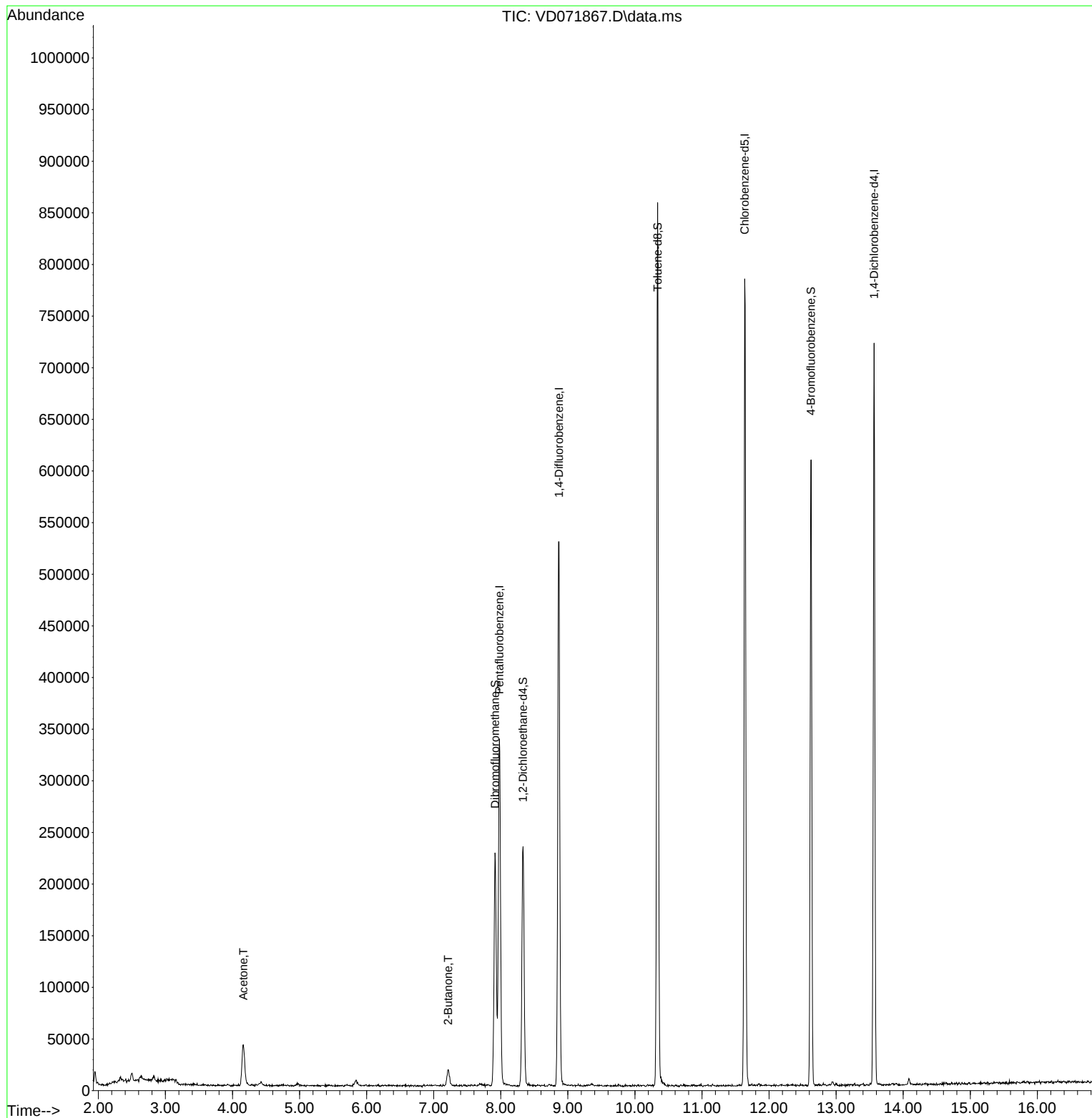
Internal Standards						
1) Pentafluorobenzene	7.979	168	232184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	427702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	421284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193162	65.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.640%	
35) Dibromofluoromethane	7.914	113	153759	54.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.338	98	553021	52.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.626	95	178108	48.576	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	74966	93.318	ug/l	100
25) 2-Butanone	7.214	43	26992	28.822	ug/l	99

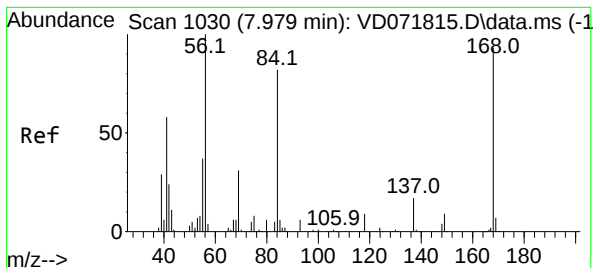
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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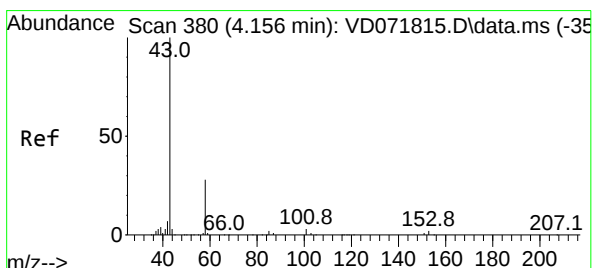
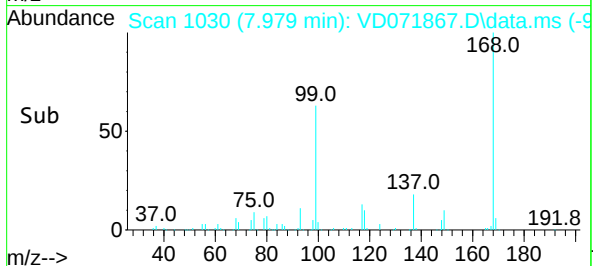
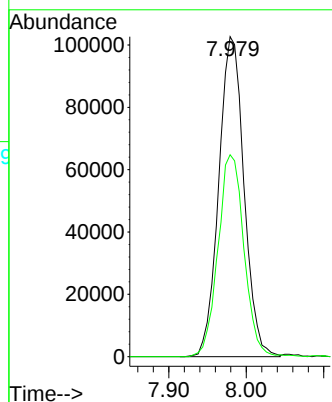
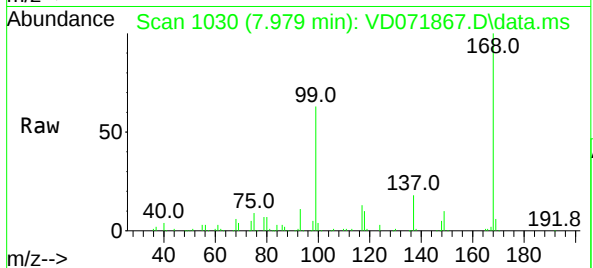




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

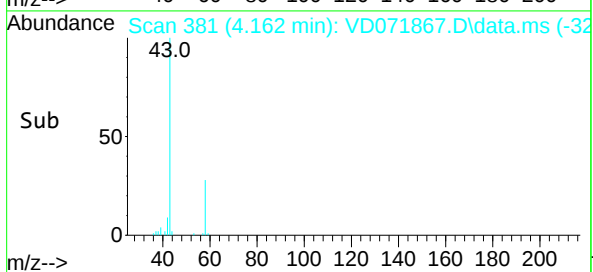
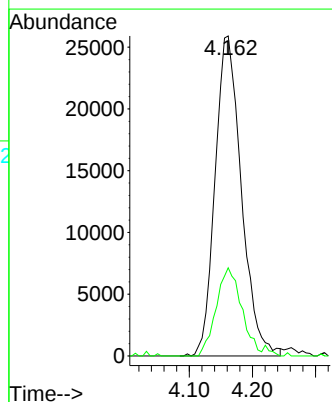
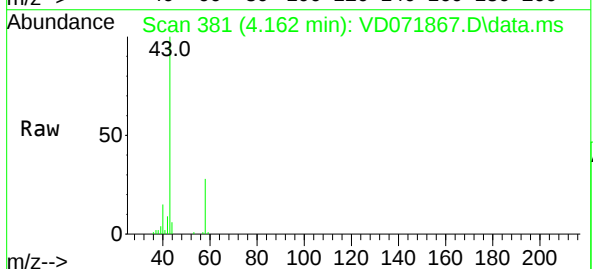
Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

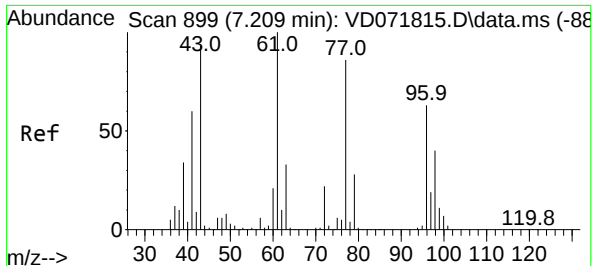
Tgt Ion:168 Resp: 232184
Ion Ratio Lower Upper
168 100
99 63.1 49.8 74.6



#16
Acetone
Concen: 93.318 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion: 43 Resp: 74966
Ion Ratio Lower Upper
43 100
58 27.5 22.1 33.1

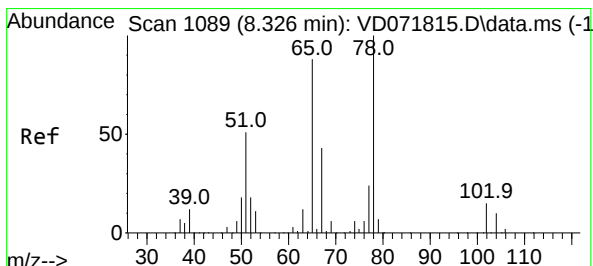
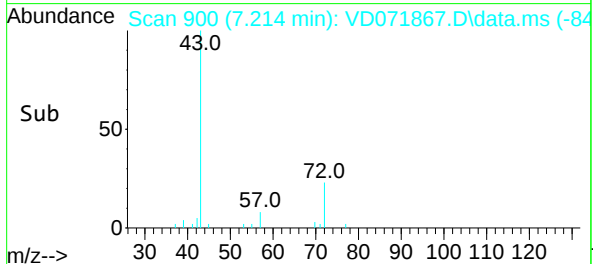
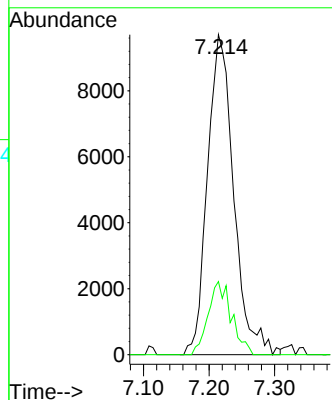
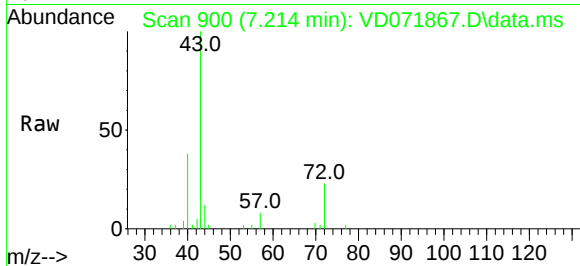




#25
2-Butanone
Concen: 28.822 ug/l
RT: 7.214 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

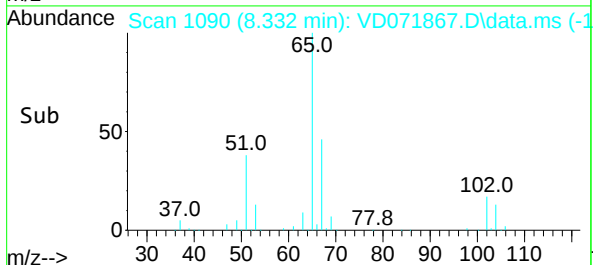
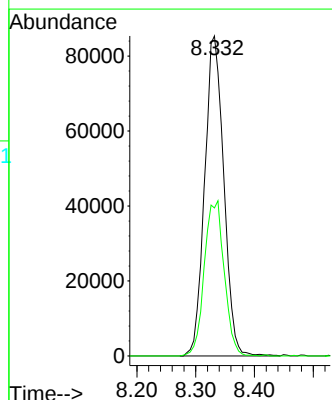
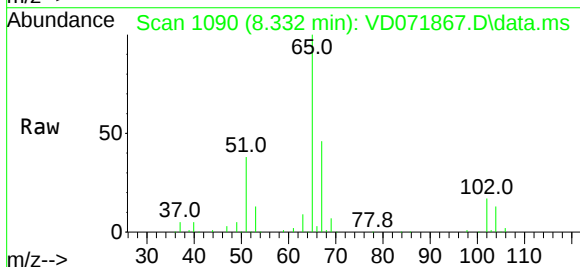
Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

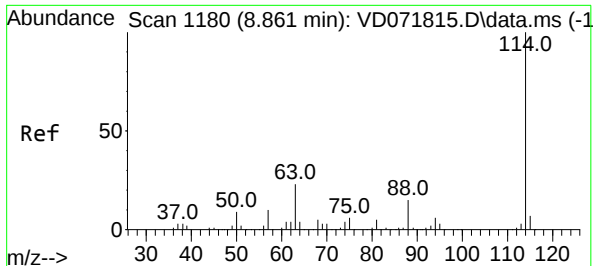
Tgt Ion: 43 Resp: 26992
Ion Ratio Lower Upper
43 100
72 22.8 18.6 27.8



#33
1,2-Dichloroethane-d4
Concen: 65.820 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion: 65 Resp: 193162
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071867.D

Acq: 01 Feb 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

SB-4(1.5-2)

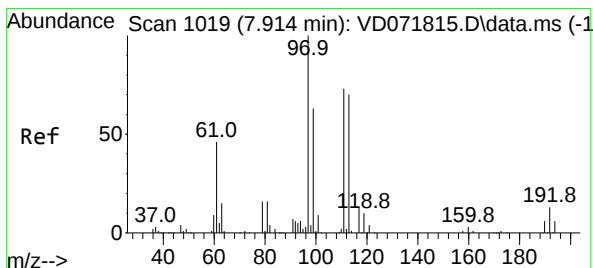
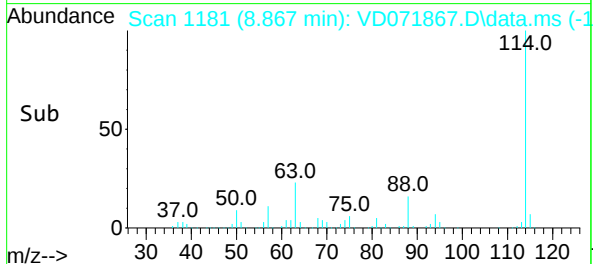
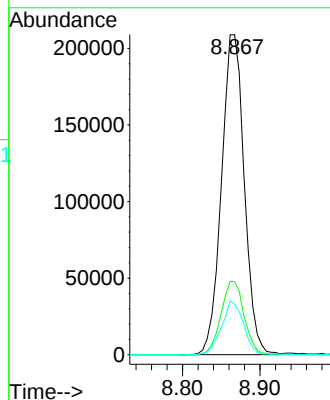
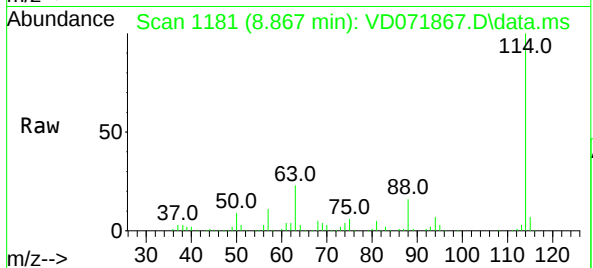
Tgt Ion:114 Resp: 427702

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.691 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071867.D

Acq: 01 Feb 2022 12:50

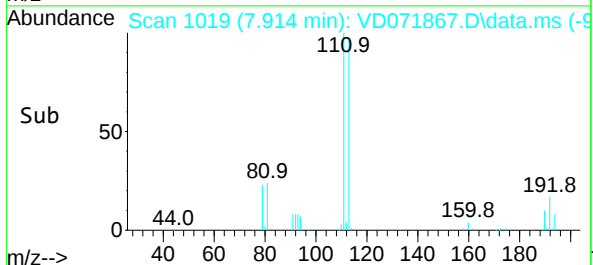
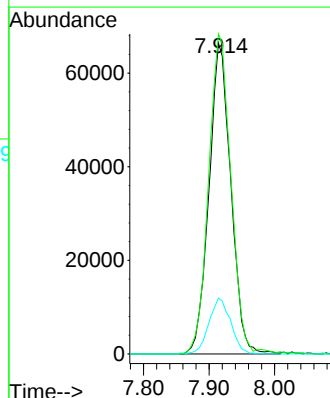
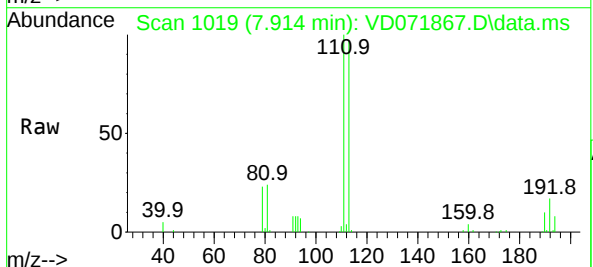
Tgt Ion:113 Resp: 153759

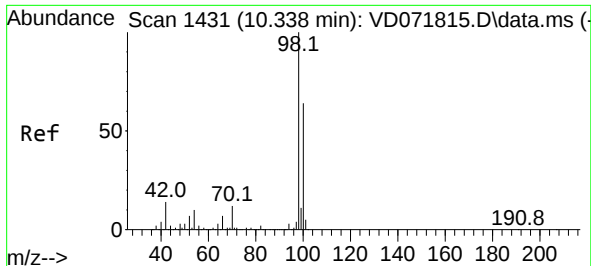
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 17.9 14.6 21.8

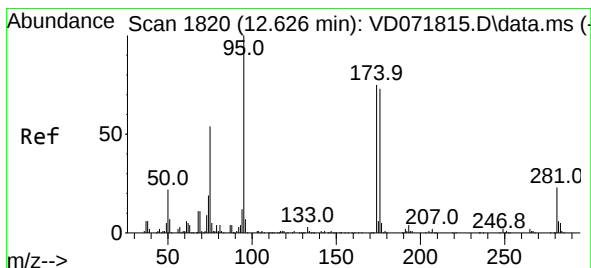
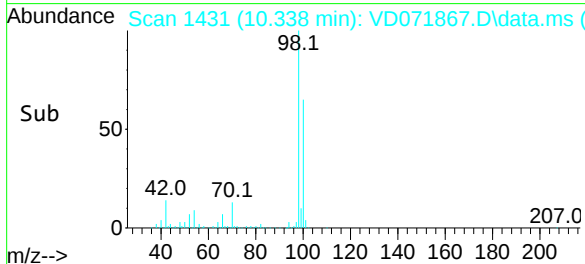
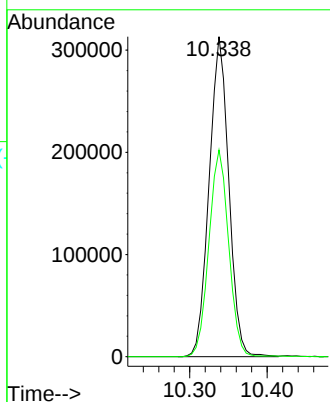
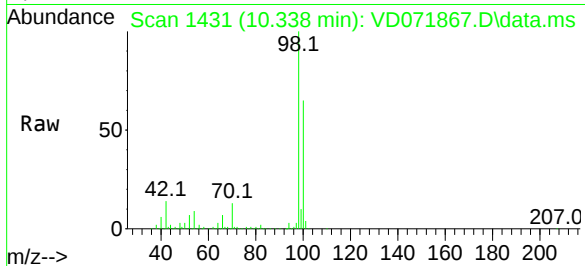




#50
Toluene-d8
Concen: 52.670 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

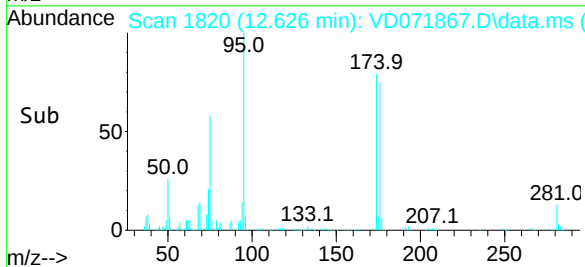
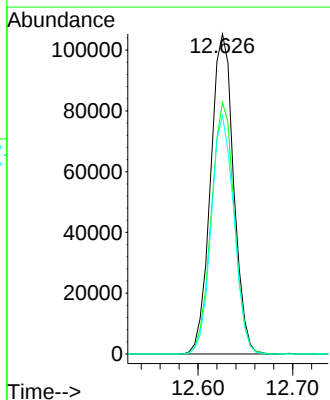
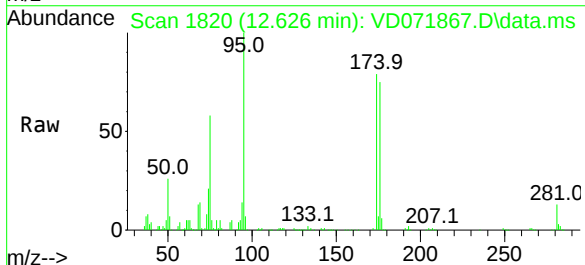
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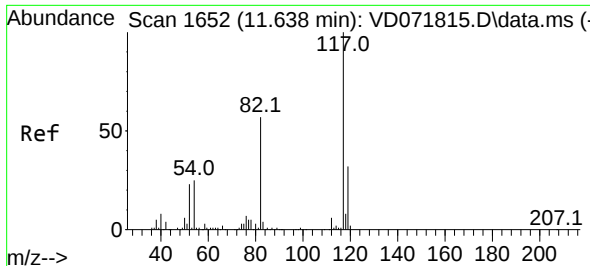
Tgt Ion: 98 Resp: 553021
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.576 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion: 95 Resp: 178108
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 73.6 0.0 145.4

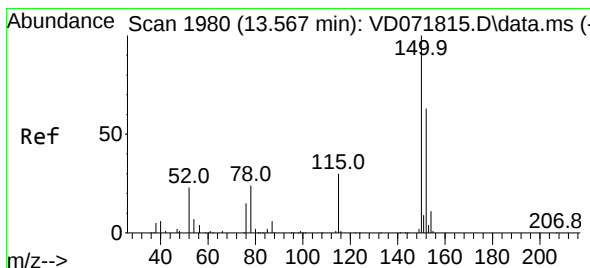
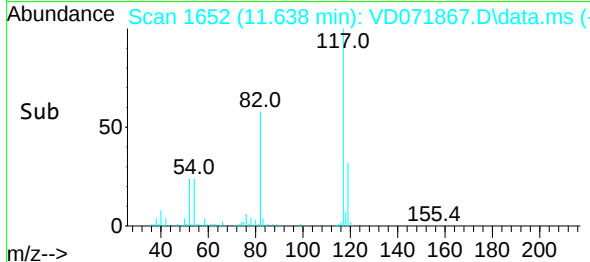
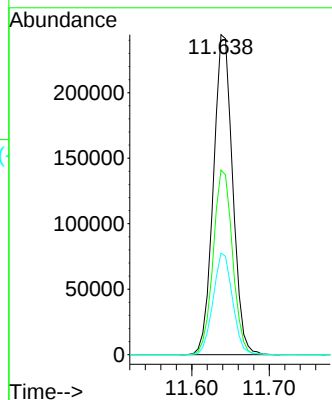
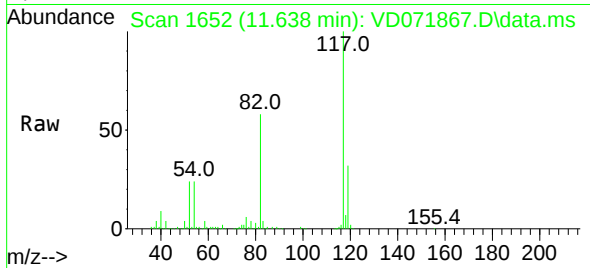




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Instrument :
MSVOA_D
ClientSampleId :
SB-4(1.5-2)

Tgt Ion:117 Resp: 421284
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071867.D
Acq: 01 Feb 2022 12:50

Tgt Ion:152 Resp: 174907
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 156.8 0.0 348.6

