

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071868.D
 Acq On : 01 Feb 2022 13:18
 Operator : VA/SY
 Sample : N1340-05
 Misc : 6.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(1-1.5)

Quant Time: Feb 02 07:06:00 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)

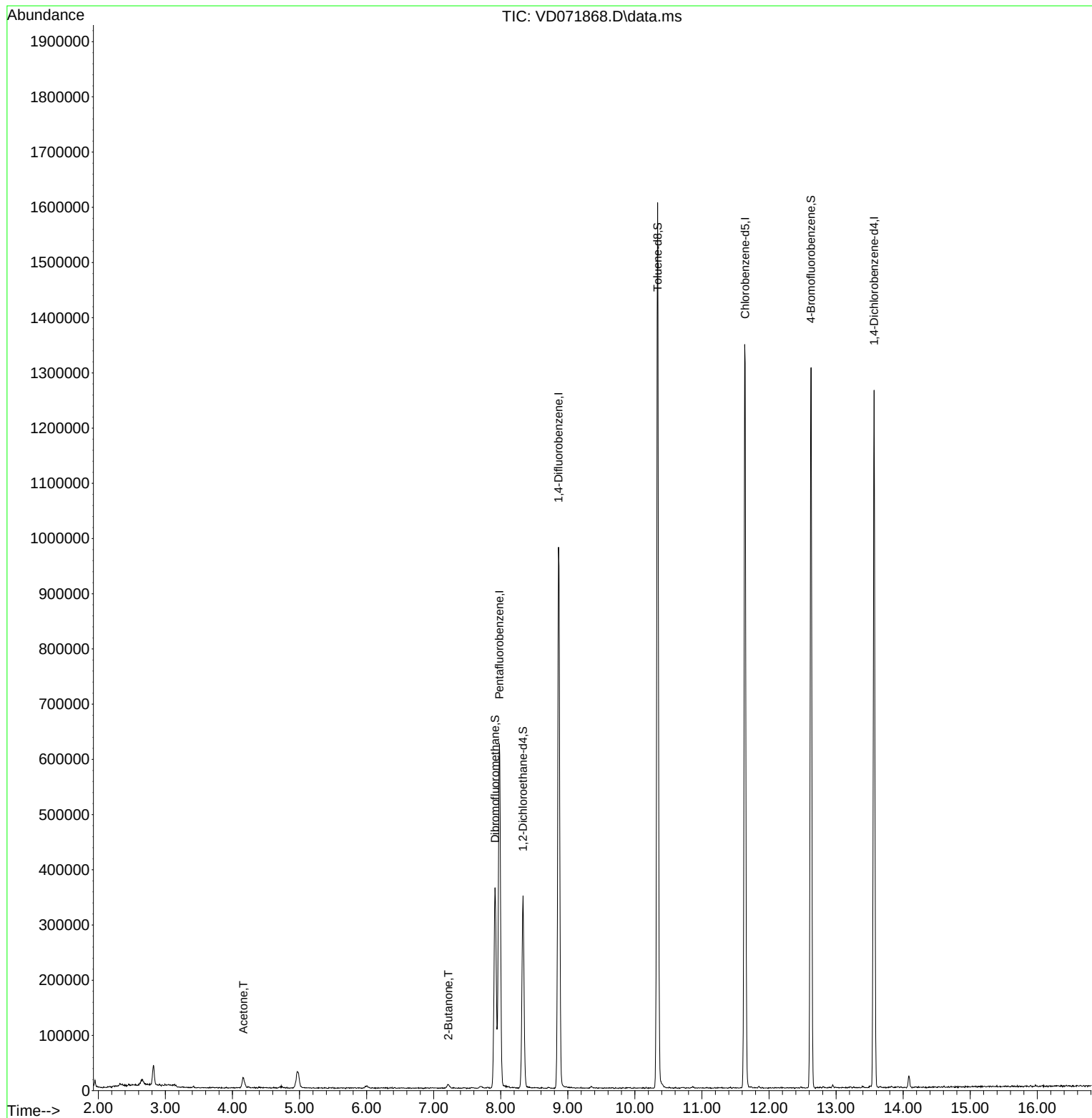
Internal Standards						
1) Pentafluorobenzene	7.979	168	437317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	798215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	730631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	270239	48.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.780%
35) Dibromofluoromethane	7.914	113	258707	49.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.338	98	1013134	51.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.626	95	324138	47.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.740%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	32929	21.763	ug/l	98
25) 2-Butanone	7.220	43	9086	5.151	ug/l	93

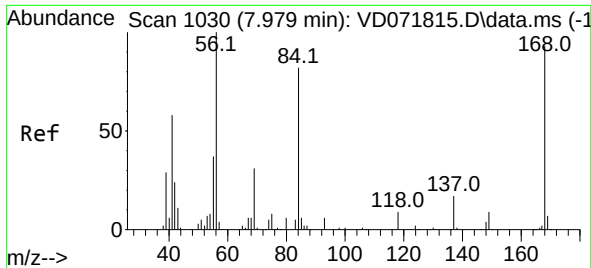
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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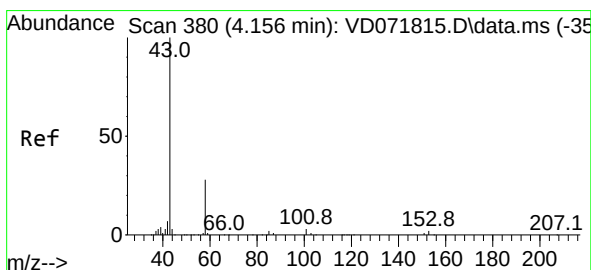
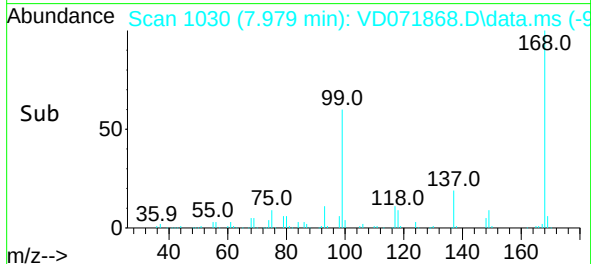
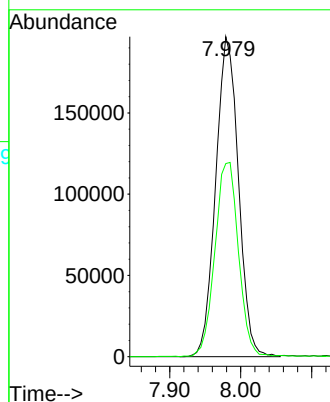
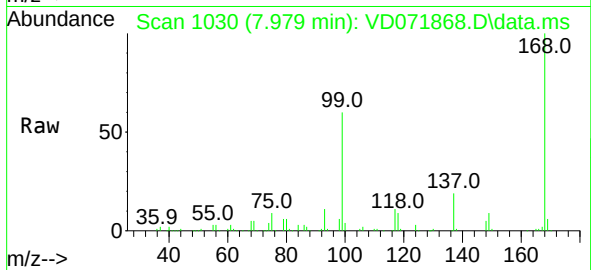




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

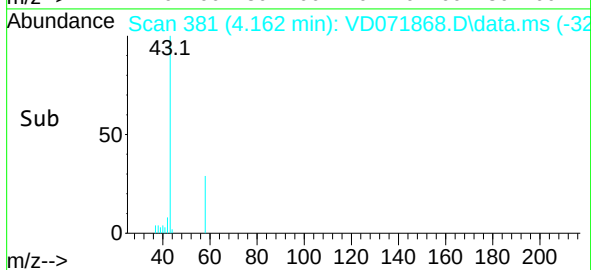
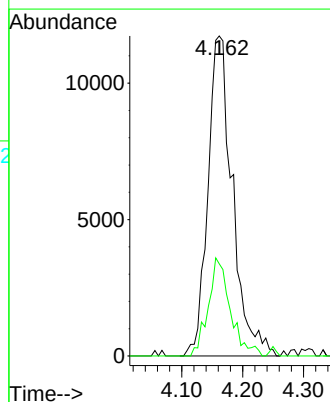
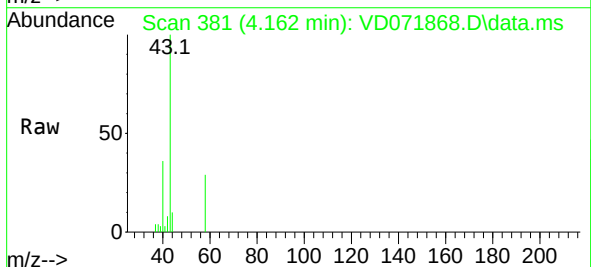
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

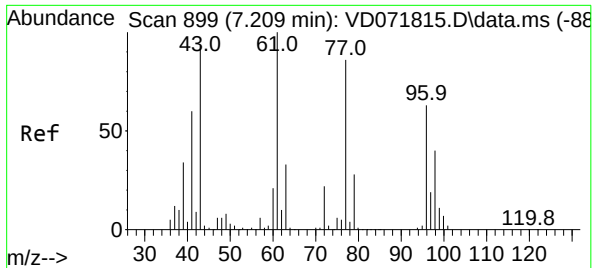
Tgt Ion:168 Resp: 437317
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#16
Acetone
Concen: 21.763 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion: 43 Resp: 32929
Ion Ratio Lower Upper
43 100
58 28.8 22.1 33.1

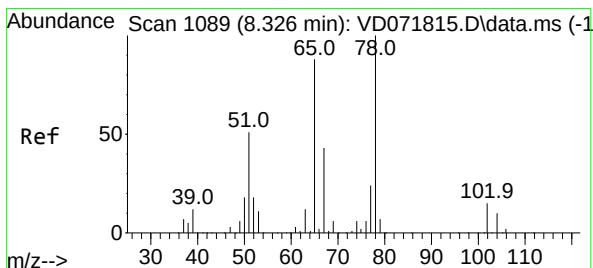
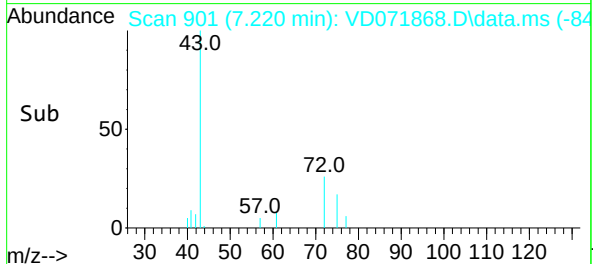
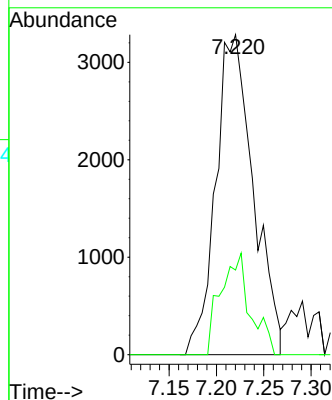
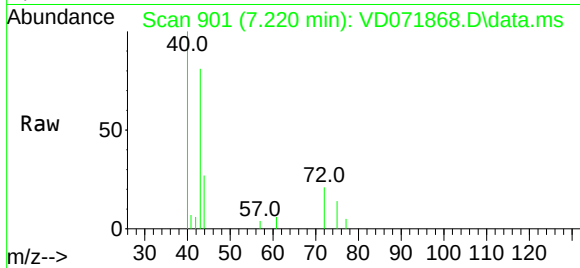




#25
2-Butanone
Concen: 5.151 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

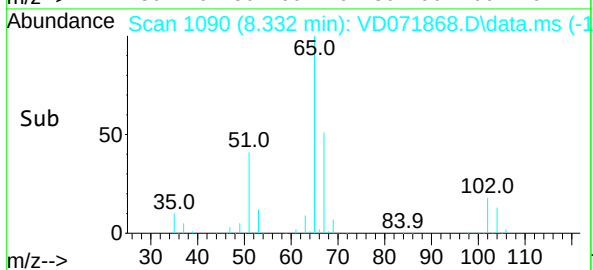
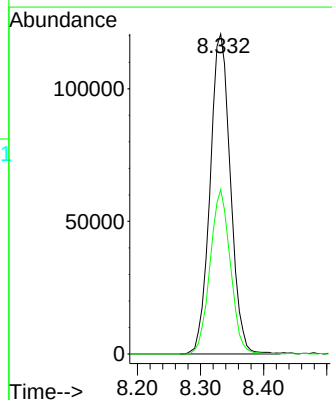
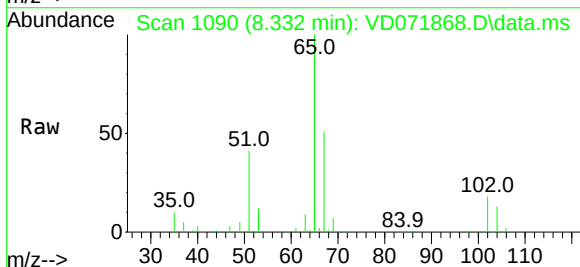
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

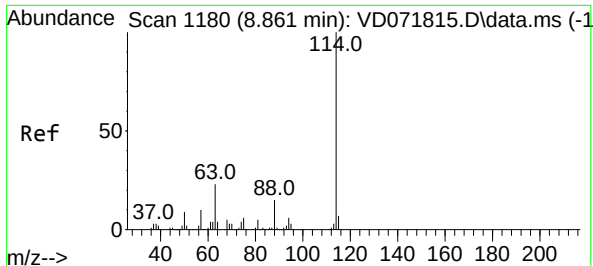
Tgt Ion: 43 Resp: 9086
Ion Ratio Lower Upper
43 100
72 26.4 18.6 27.8



#33
1,2-Dichloroethane-d4
Concen: 48.890 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion: 65 Resp: 270239
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071868.D

Acq: 01 Feb 2022 13:18

Instrument :

MSVOA_D

ClientSampleId :

SB-5(1-1.5)

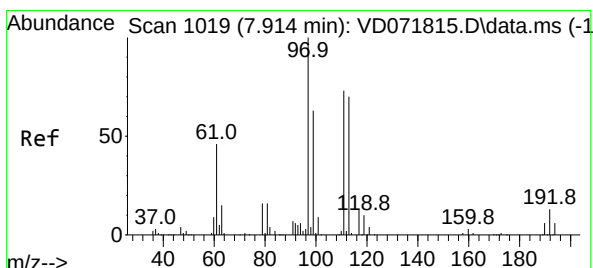
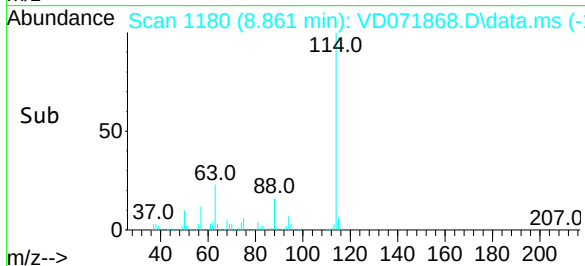
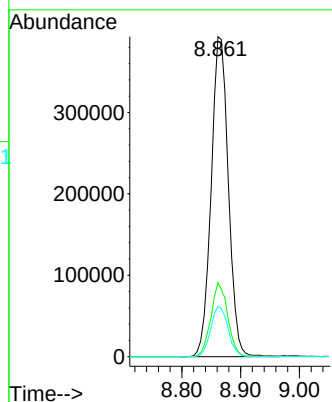
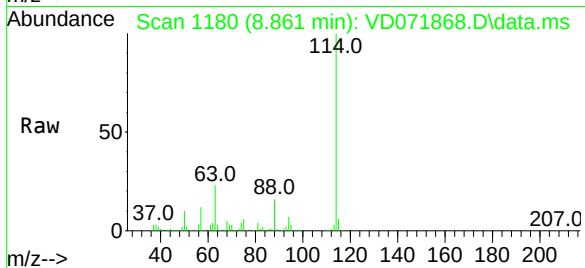
Tgt Ion:114 Resp: 798215

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.307 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071868.D

Acq: 01 Feb 2022 13:18

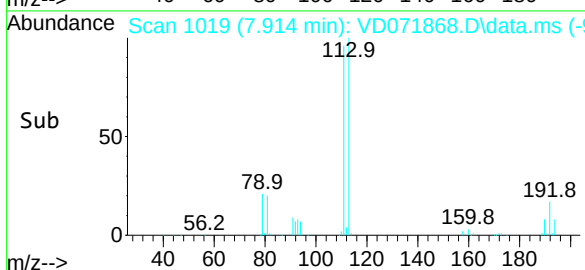
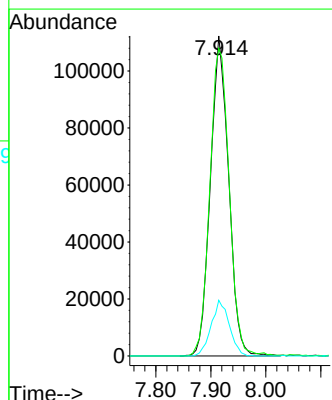
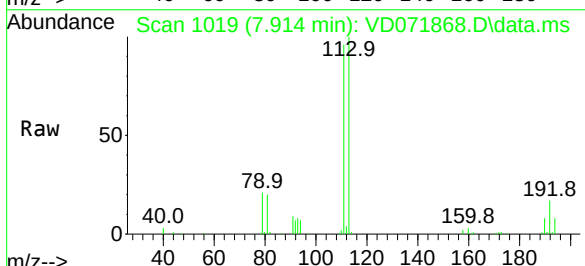
Tgt Ion:113 Resp: 258707

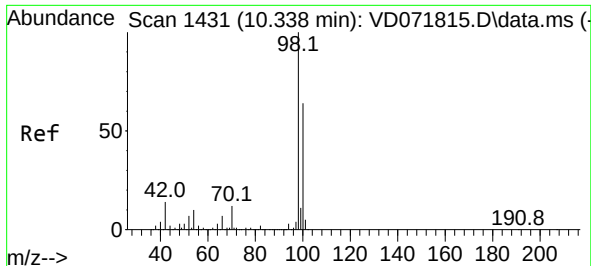
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.3 14.6 21.8

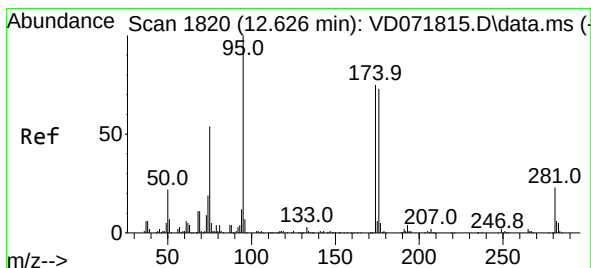
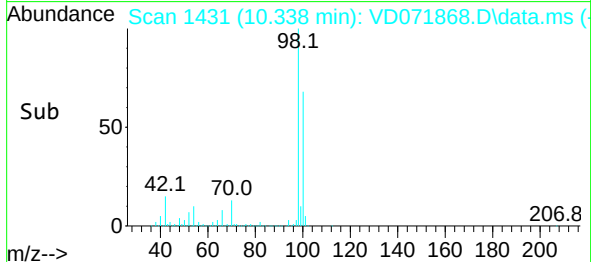
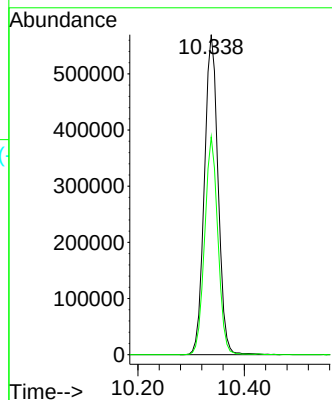
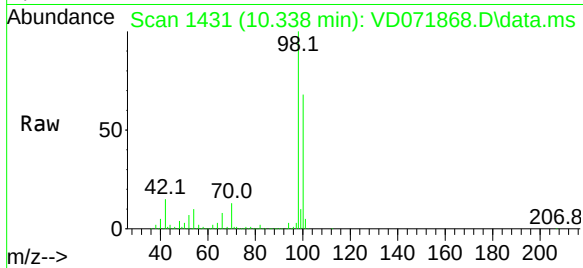




#50
Toluene-d8
Concen: 51.703 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

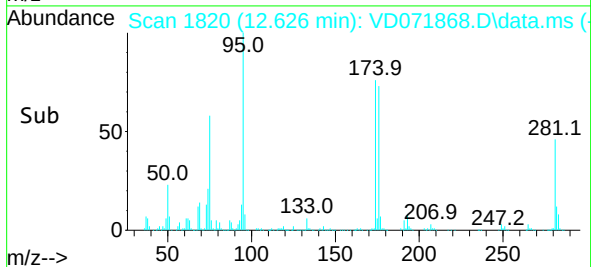
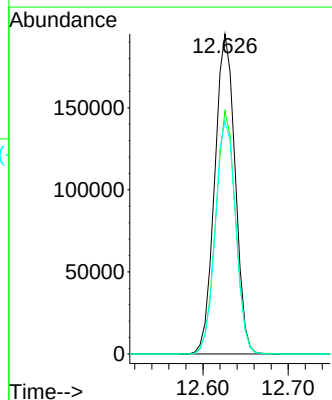
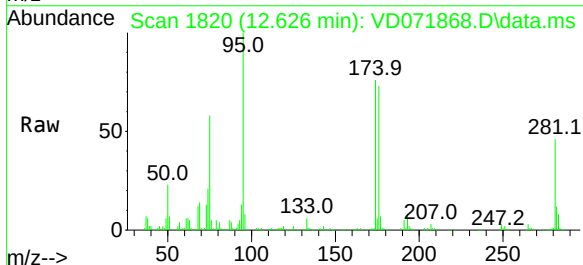
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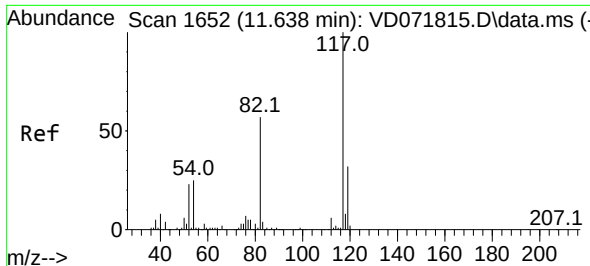
Tgt Ion: 98 Resp: 1013134
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion: 95 Resp: 324138
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 72.8 0.0 145.4

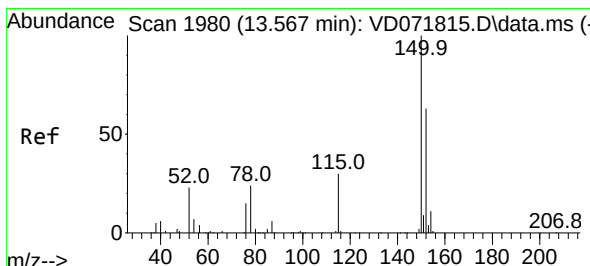
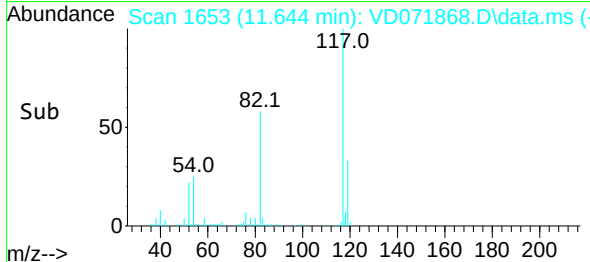
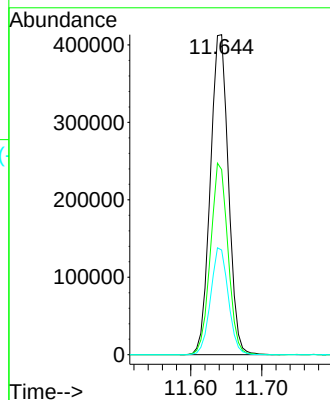
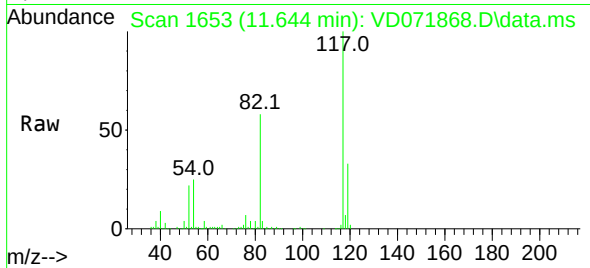




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

Tgt Ion:117 Resp: 730631
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 32.7 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: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion:152 Resp: 306349
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 157.7 0.0 348.6

