

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
 Data File : VD071673.D
 Acq On : 11 Jan 2022 16:20
 Operator : VA/SY
 Sample : N1103-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-011122

Quant Time: Jan 12 04:27:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

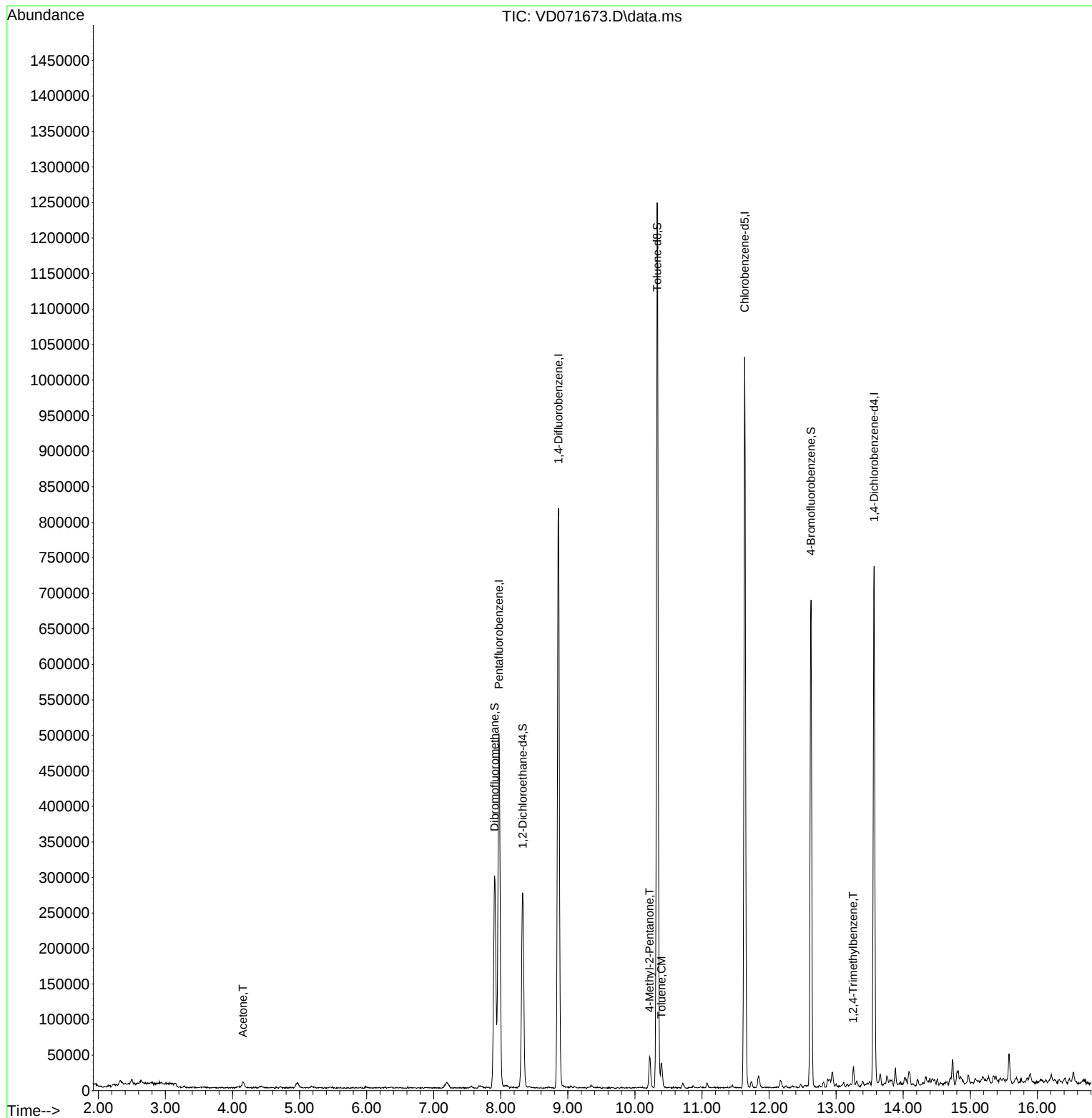
Internal Standards						
1) Pentafluorobenzene	7.973	168	336172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	639760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227322	52.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.100%	
35) Dibromofluoromethane	7.908	113	208712	49.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.332	98	794373	50.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.626	95	209880	37.633	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.260%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	15055	15.075	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	31159	11.195	ug/l	97
52) Toluene	10.397	92	12631	1.208	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	12452	1.201	ug/l	96

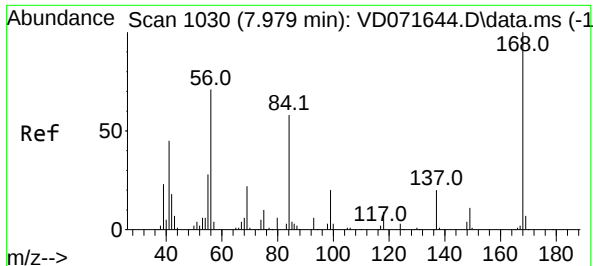
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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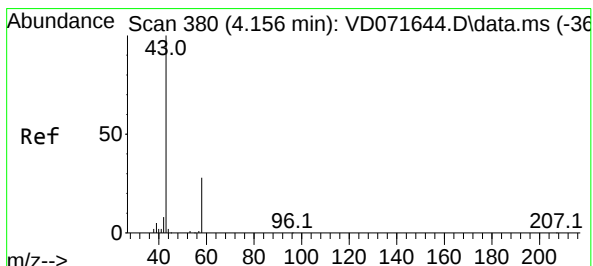
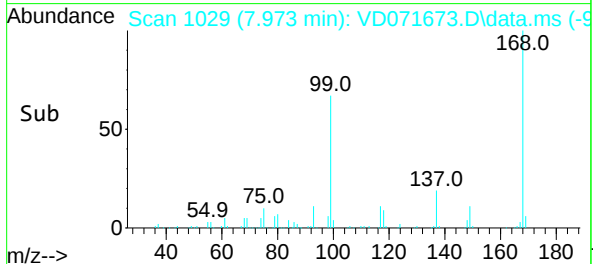
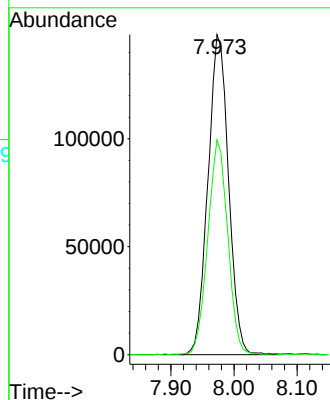
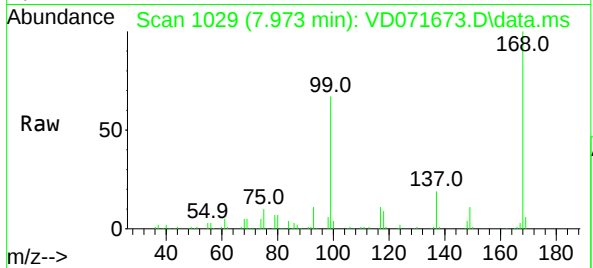




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071673.D
Acq: 11 Jan 2022 16:20

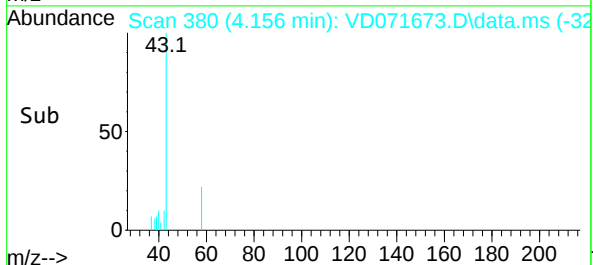
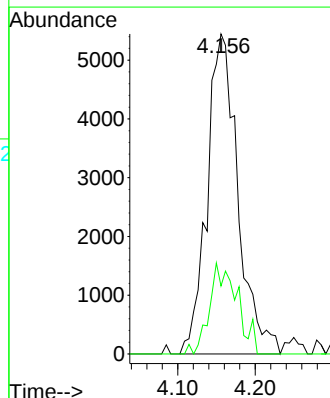
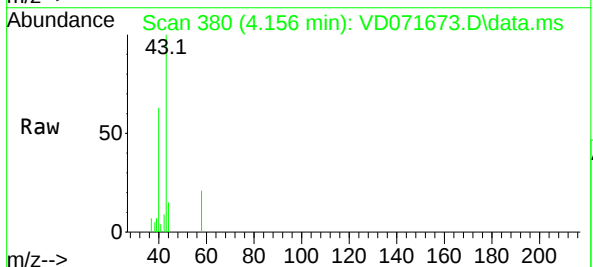
Instrument :
MSVOA_D
ClientSampleId :
CL-01-011122

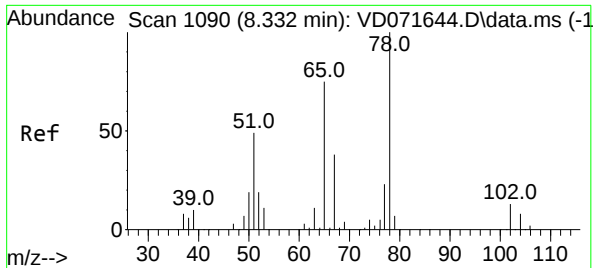
Tgt Ion:168 Resp: 336172
Ion Ratio Lower Upper
168 100
99 67.1 51.8 77.6



#16
Acetone
Concen: 15.075 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071673.D
Acq: 11 Jan 2022 16:20

Tgt Ion: 43 Resp: 15055
Ion Ratio Lower Upper
43 100
58 21.3 21.0 31.6





#33

1,2-Dichloroethane-d4

Concen: 52.553 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071673.D

Acq: 11 Jan 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

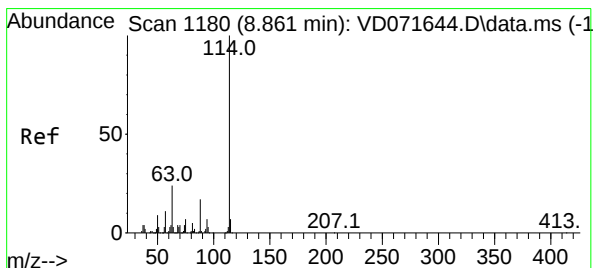
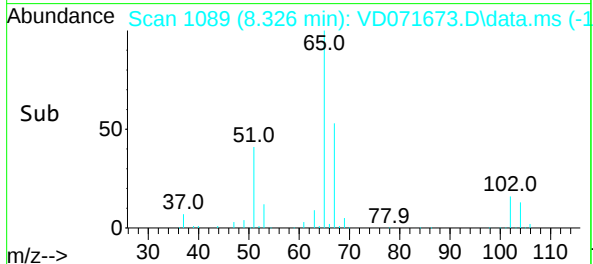
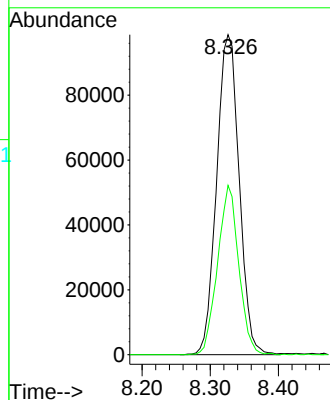
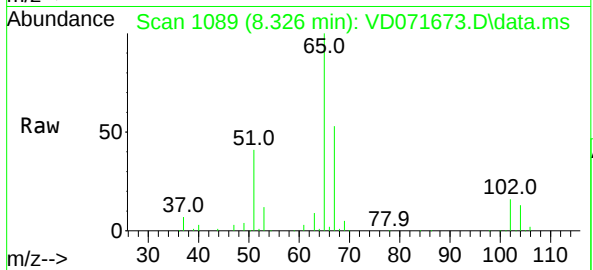
CL-01-011122

Tgt Ion: 65 Resp: 227322

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071673.D

Acq: 11 Jan 2022 16:20

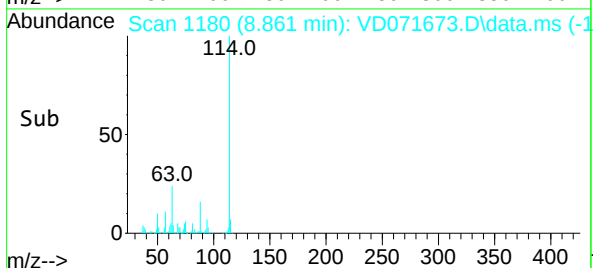
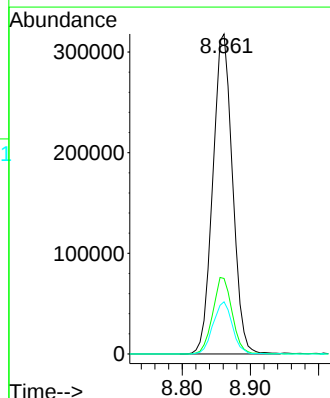
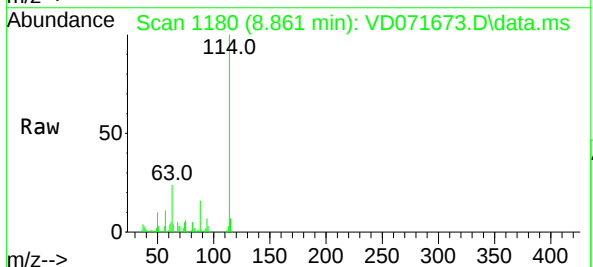
Tgt Ion: 114 Resp: 639760

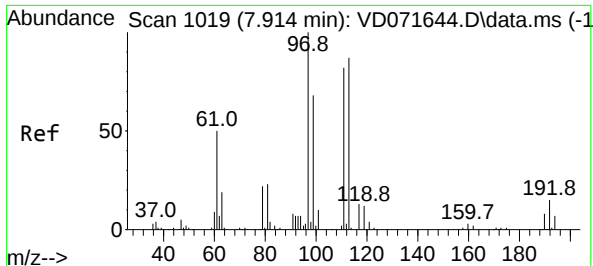
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.2

88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.364 ug/l

RT: 7.908 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071673.D

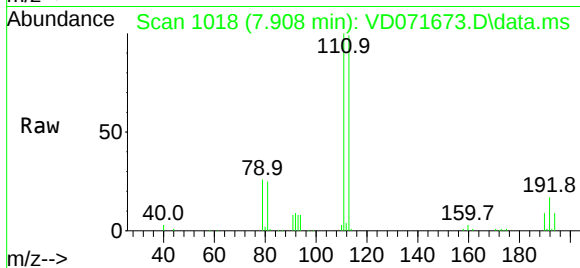
Acq: 11 Jan 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

CL-01-011122



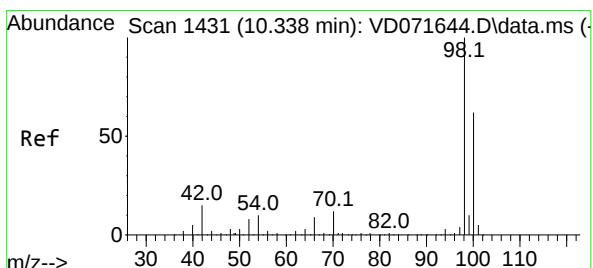
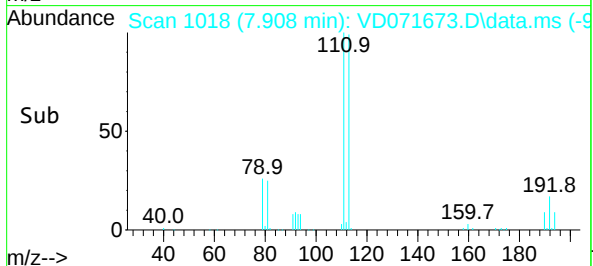
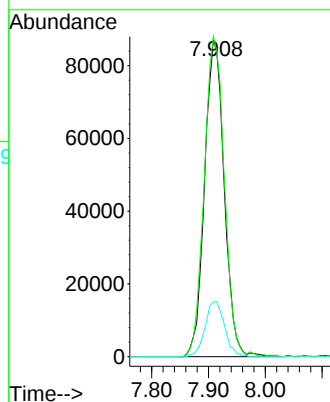
Tgt Ion:113 Resp: 208712

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.3 14.2 21.2



#50

Toluene-d8

Concen: 50.191 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.005 min

Lab File: VD071673.D

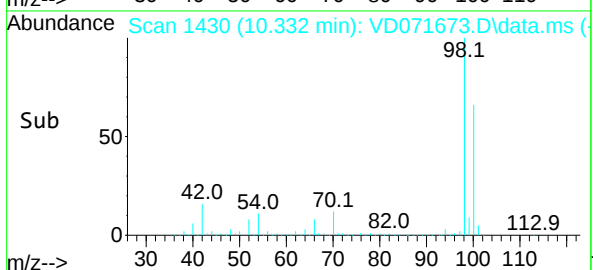
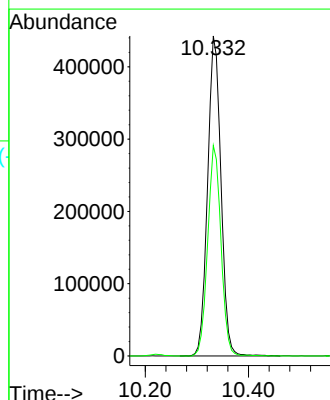
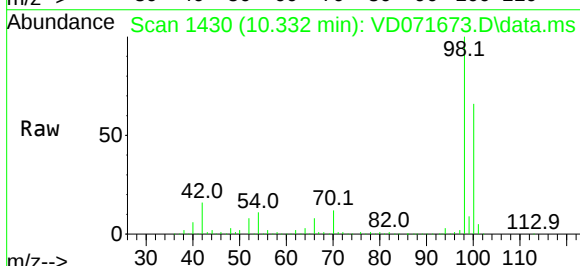
Acq: 11 Jan 2022 16:20

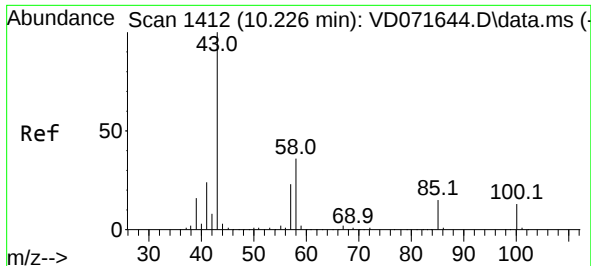
Tgt Ion: 98 Resp: 794373

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

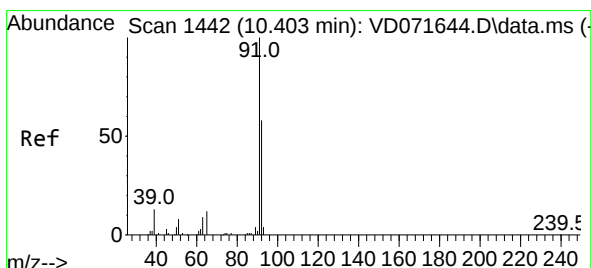
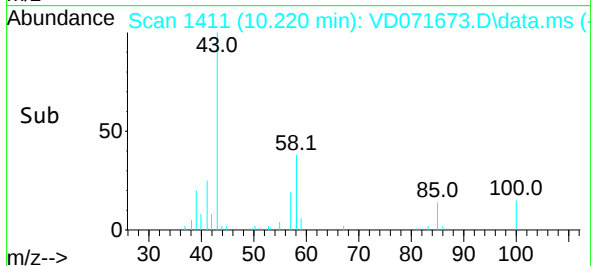
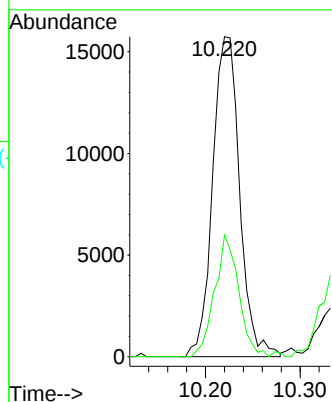
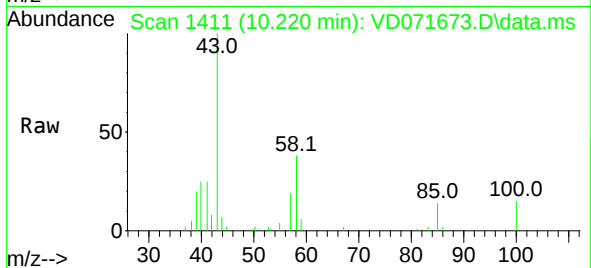




#51
4-Methyl-2-Pentanone
Concen: 11.195 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071673.D
Acq: 11 Jan 2022 16:20

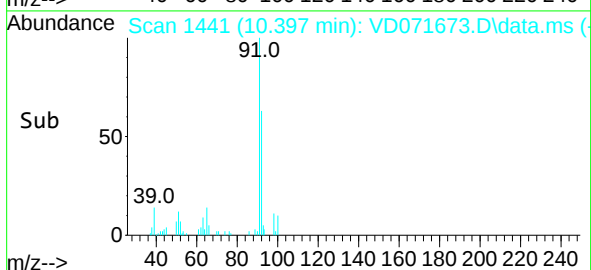
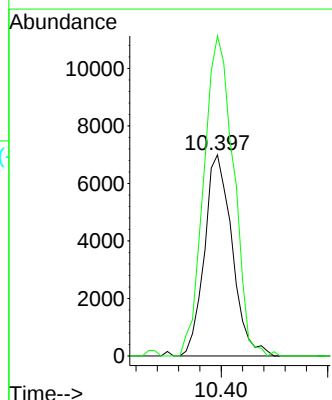
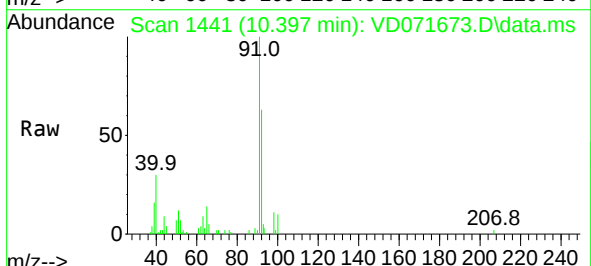
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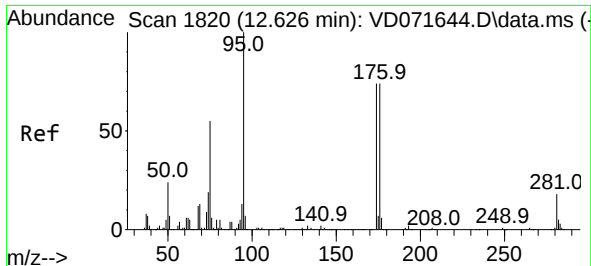
Tgt Ion: 43 Resp: 31159
Ion Ratio Lower Upper
43 100
58 33.7 28.2 42.2



#52
Toluene
Concen: 1.208 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.005 min
Lab File: VD071673.D
Acq: 11 Jan 2022 16:20

Tgt Ion: 92 Resp: 12631
Ion Ratio Lower Upper
92 100
91 171.3 137.3 205.9

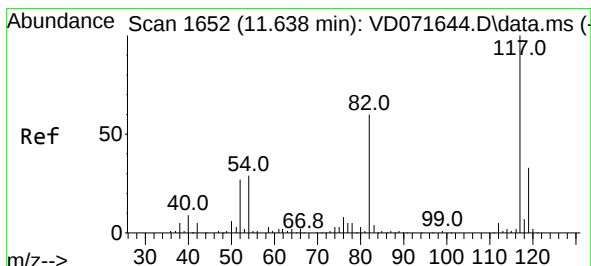
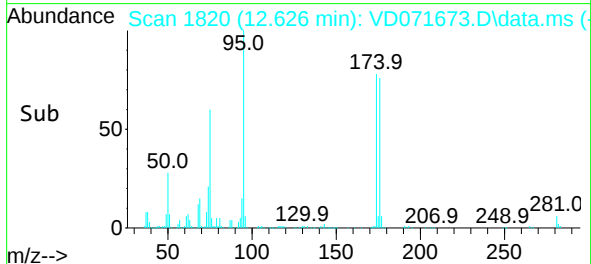
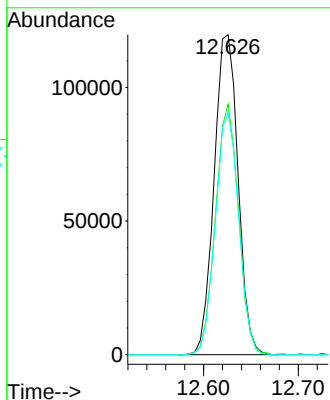
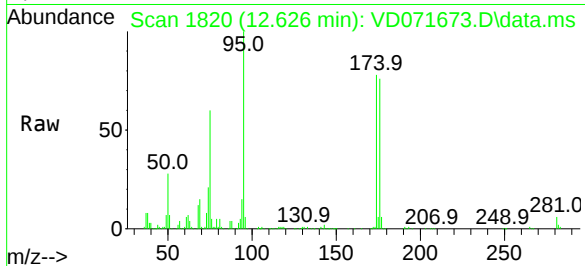




#62
4-Bromofluorobenzene
Concen: 37.633 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071673.D
Acq: 11 Jan 2022 16:20

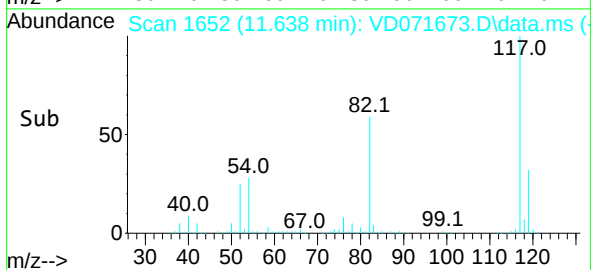
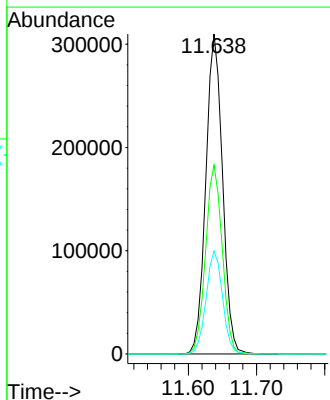
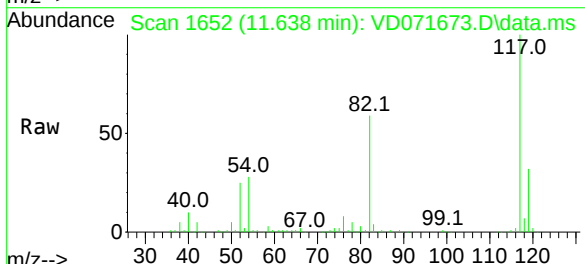
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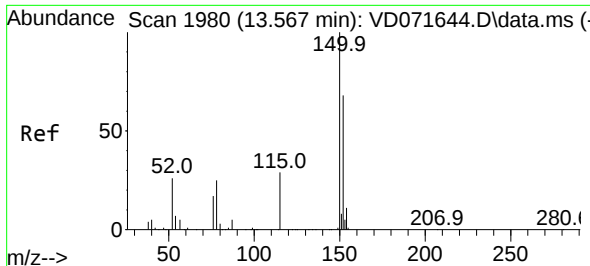
Tgt Ion: 95 Resp: 209880
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.0
176 73.8 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071673.D
Acq: 11 Jan 2022 16:20

Tgt Ion: 117 Resp: 528003
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 32.1 26.6 39.8

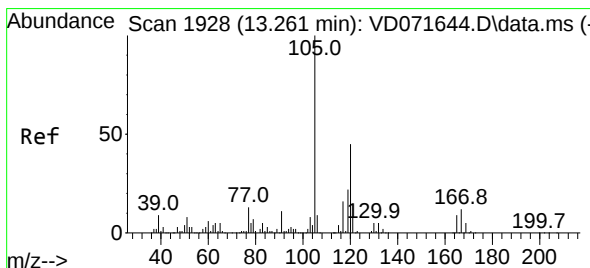
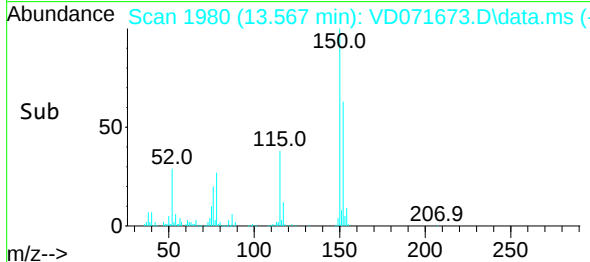
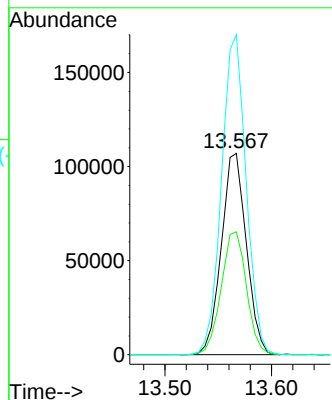
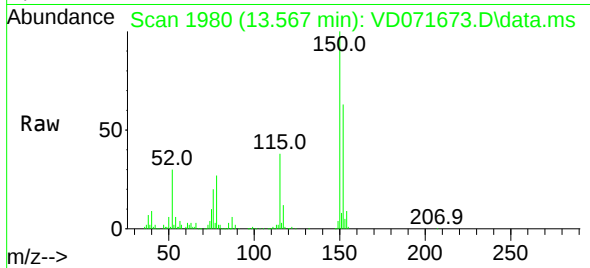




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071673.D
 Acq: 11 Jan 2022 16:20

Instrument :
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 CL-01-011122

Tgt Ion:152 Resp: 174537
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.5 94.5
 150 156.4 0.0 348.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.201 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VD071673.D
 Acq: 11 Jan 2022 16:20

Tgt Ion:105 Resp: 12452
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.3 66.9

