

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073530.D
 Acq On : 10 Jun 2022 16:03
 Operator : VA/SY
 Sample : N3299-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM-4

Quant Time: Jun 10 23:06:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

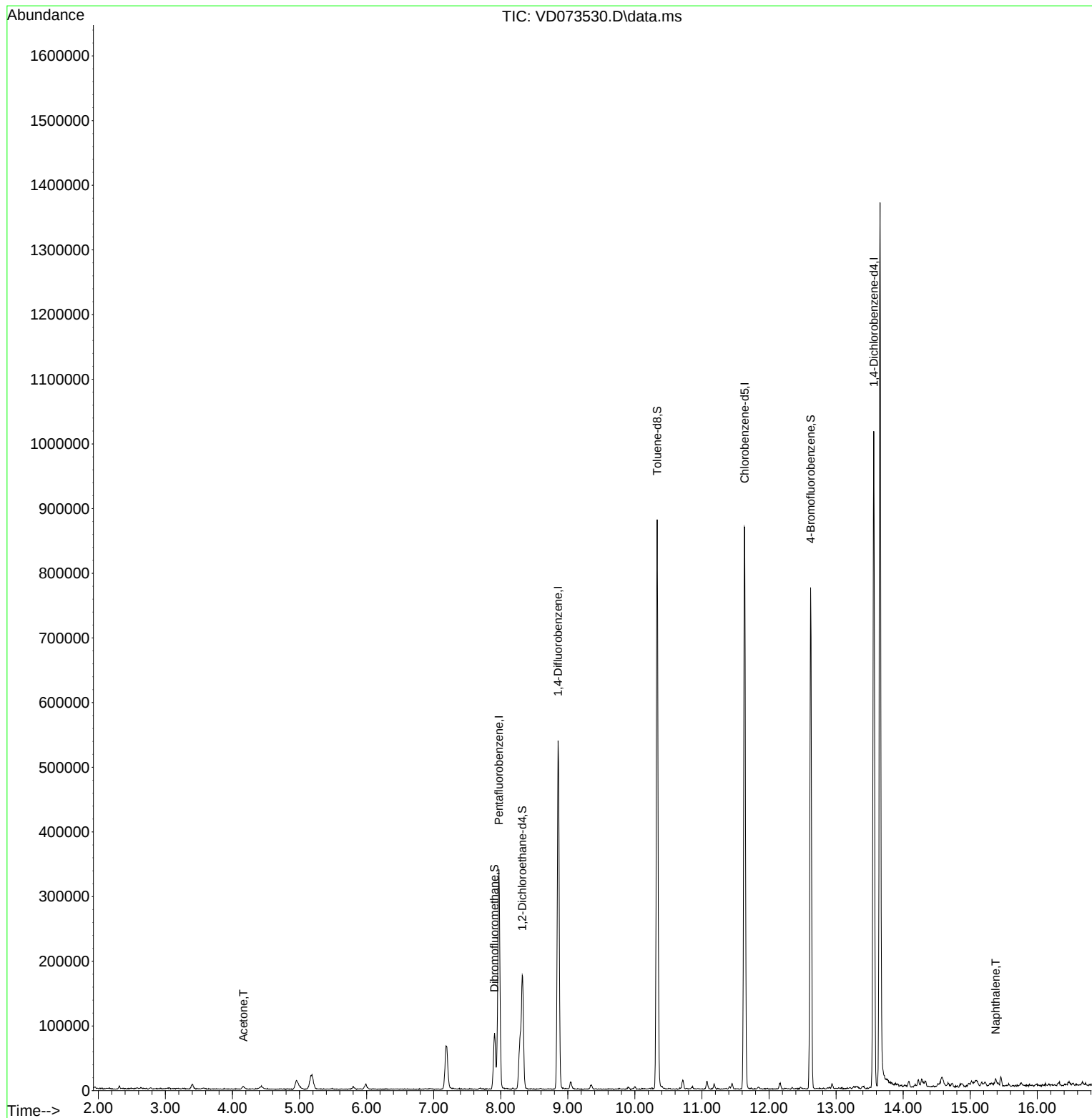
Internal Standards						
1) Pentafluorobenzene	7.973	168	249922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	461461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	537925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	133203	49.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.903	113	64027	21.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.160%#
50) Toluene-d8	10.332	98	587626	52.376	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.760%
62) 4-Bromofluorobenzene	12.620	95	260897	64.057	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.120%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	7329	15.520	ug/l	93
95) Naphthalene	15.379	128	10008	5.123	ug/l	99

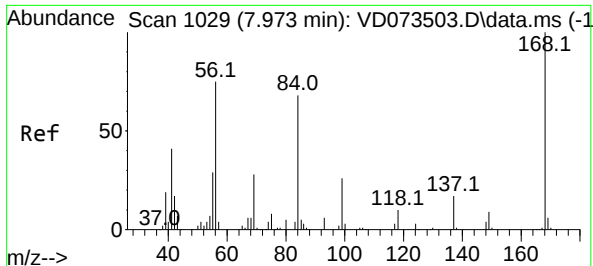
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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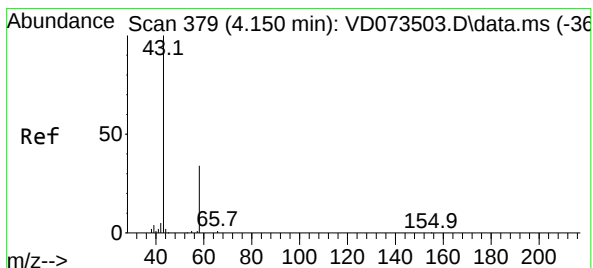
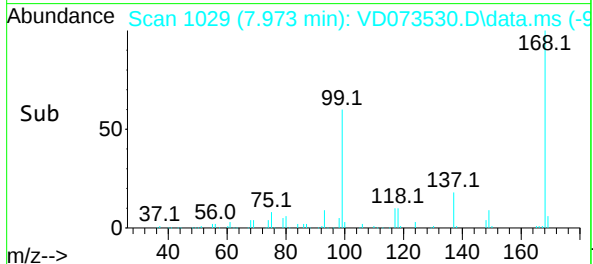
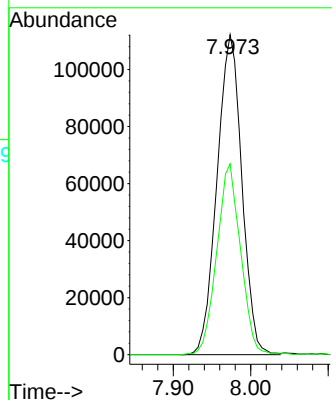
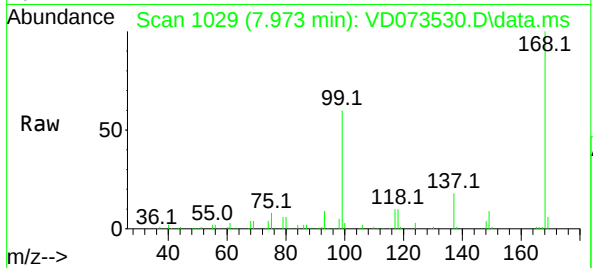




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

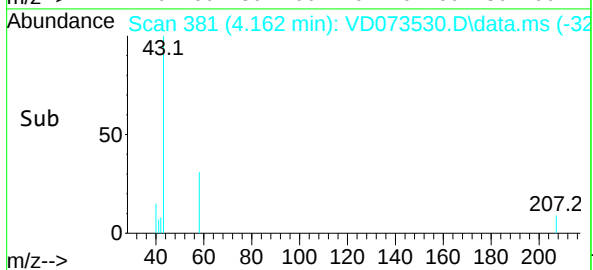
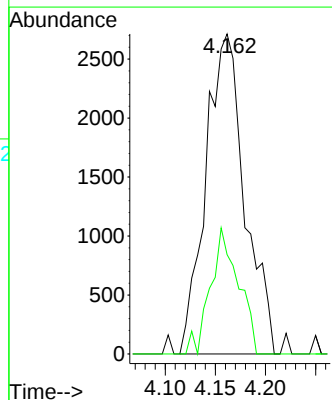
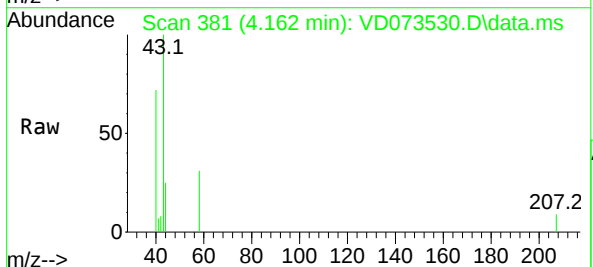
Instrument :
MSVOA_D
ClientSampleId :
COM-4

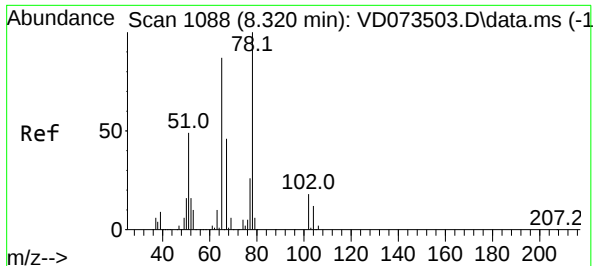
Tgt Ion:168 Resp: 249922
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#16
Acetone
Concen: 15.520 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Tgt Ion: 43 Resp: 7329
Ion Ratio Lower Upper
43 100
58 31.1 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 49.666 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073530.D

Acq: 10 Jun 2022 16:03

Instrument :

MSVOA_D

ClientSampleId :

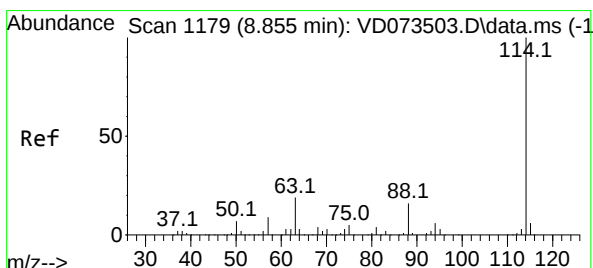
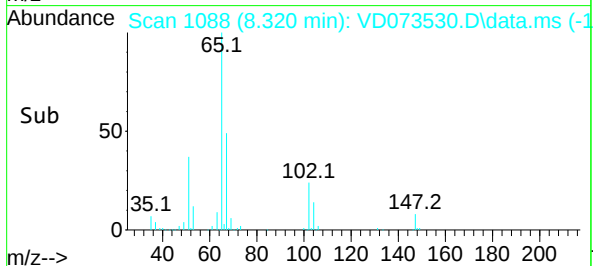
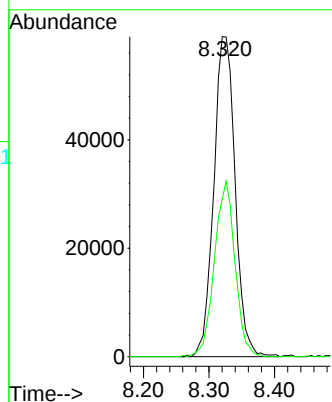
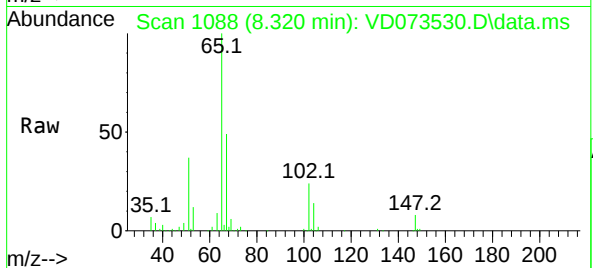
COM-4

Tgt Ion: 65 Resp: 133203

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073530.D

Acq: 10 Jun 2022 16:03

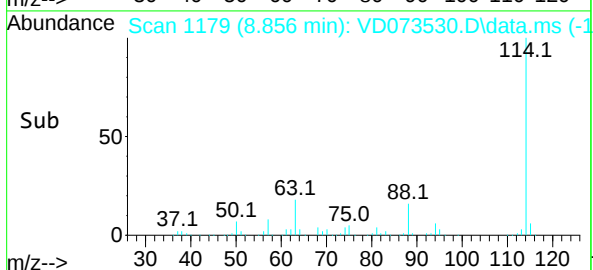
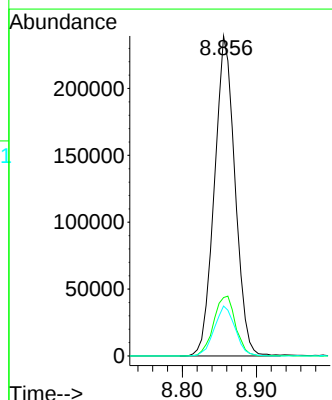
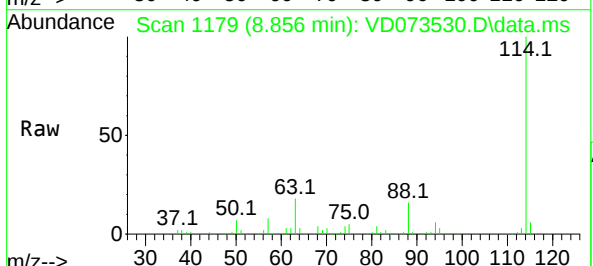
Tgt Ion: 114 Resp: 461461

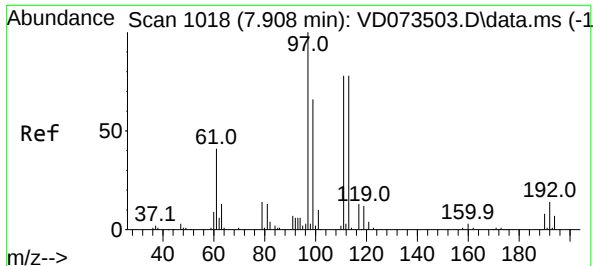
Ion Ratio Lower Upper

114 100

63 18.2 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 21.577 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD073530.D

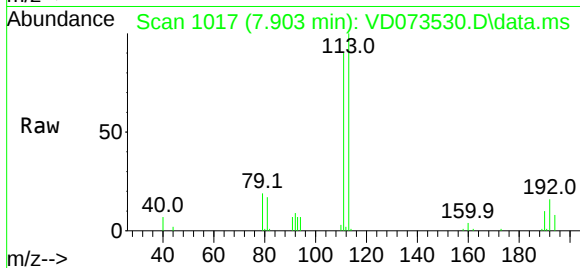
Acq: 10 Jun 2022 16:03

Instrument :

MSVOA_D

ClientSampleId :

COM-4



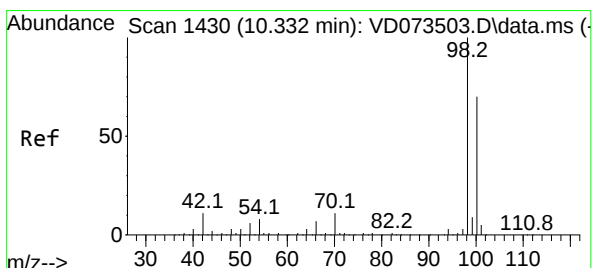
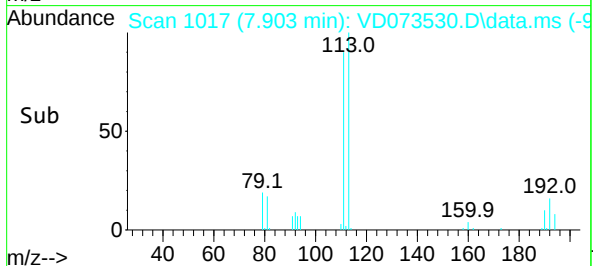
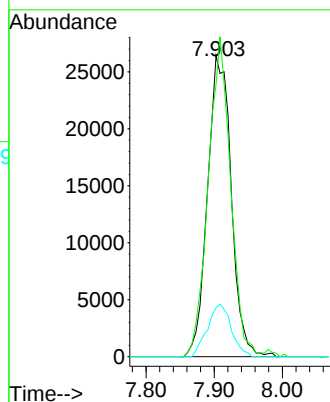
Tgt Ion:113 Resp: 64027

Ion Ratio Lower Upper

113 100

111 100.2 83.8 125.6

192 17.4 14.6 21.8



#50

Toluene-d8

Concen: 52.376 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073530.D

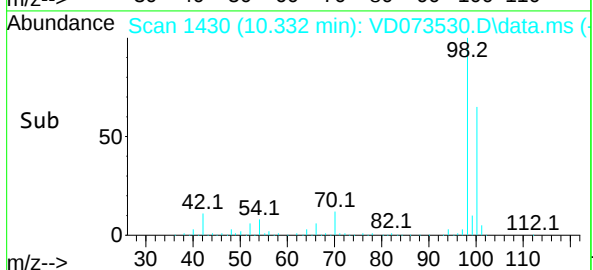
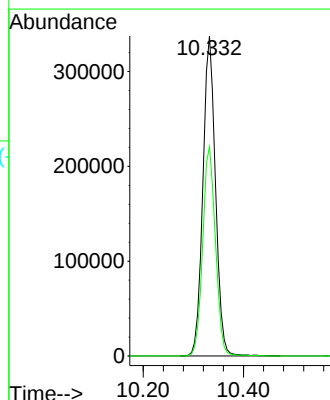
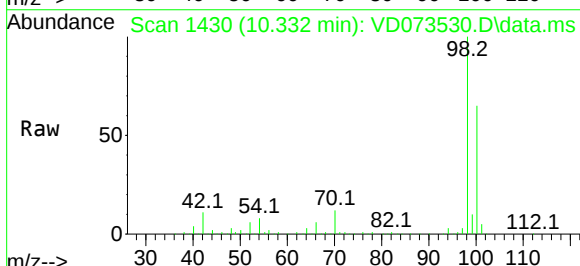
Acq: 10 Jun 2022 16:03

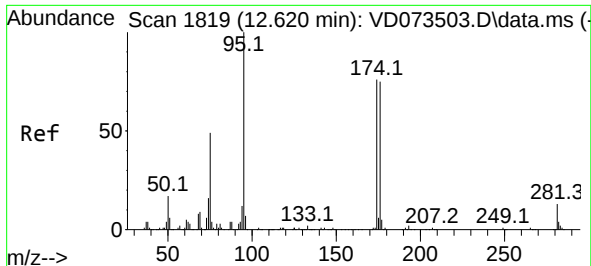
Tgt Ion: 98 Resp: 587626

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6

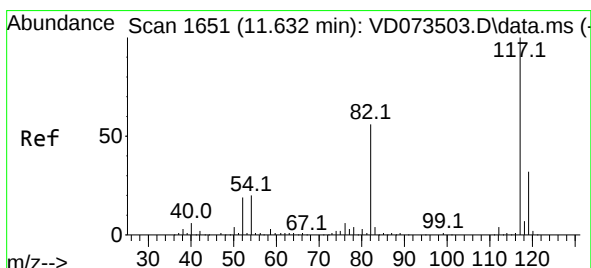
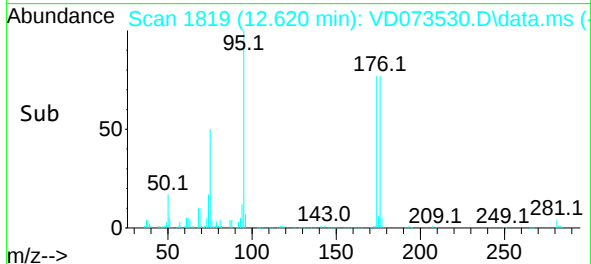
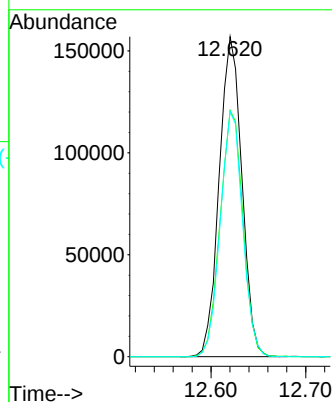
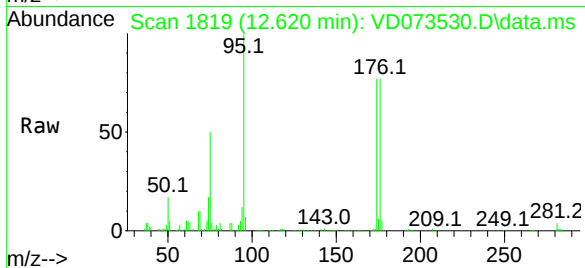




#62
4-Bromofluorobenzene
Concen: 64.057 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

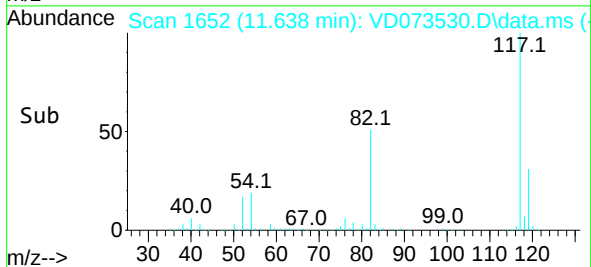
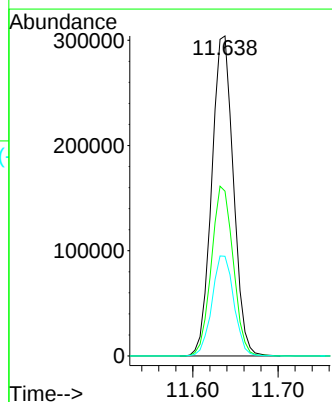
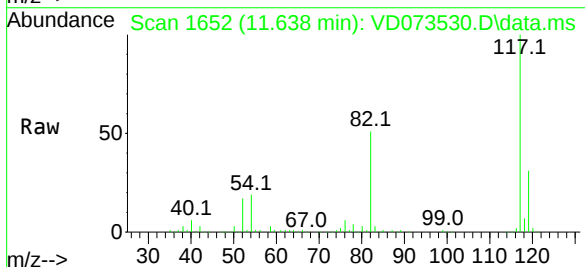
Instrument :
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ClientSampleId :
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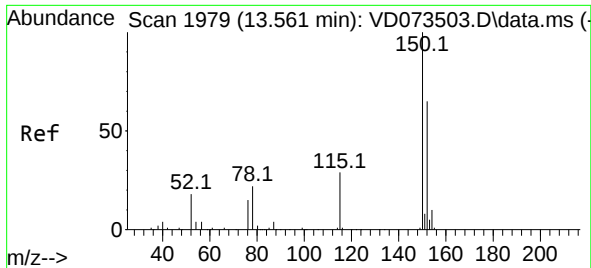
Tgt Ion: 95 Resp: 260897
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 75.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Tgt Ion: 117 Resp: 537925
Ion Ratio Lower Upper
117 100
82 51.5 45.3 67.9
119 31.1 26.6 40.0

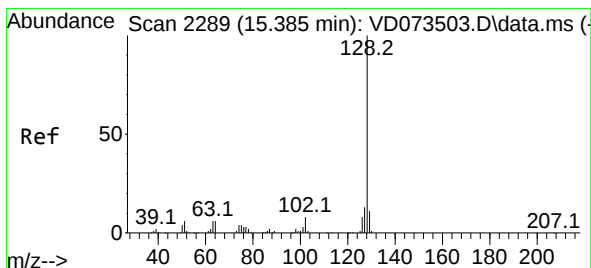
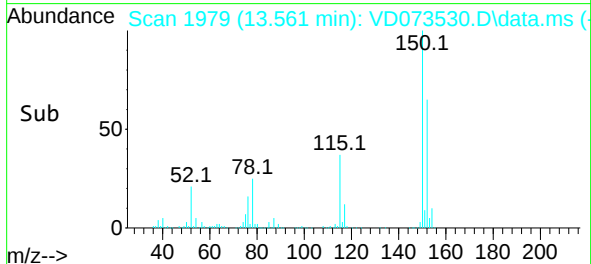
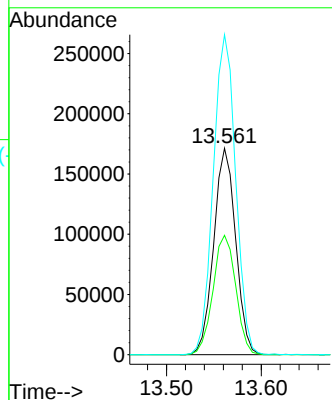
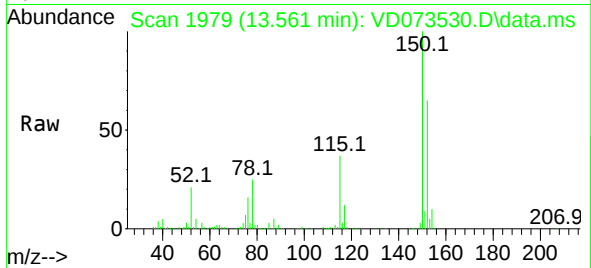




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073530.D
 Acq: 10 Jun 2022 16:03

Instrument :
 MSVOA_D
 ClientSampleId :
 COM-4

Tgt Ion:152 Resp: 276155
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.3 93.8
 150 158.3 0.0 348.6



#95
 Naphthalene
 Concen: 5.123 ug/l
 RT: 15.379 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: VD073530.D
 Acq: 10 Jun 2022 16:03

Tgt Ion:128 Resp: 10008
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 11.2 8.4 12.6

