

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
 Data File : VD073497.D
 Acq On : 07 Jun 2022 14:07
 Operator : VA/SY
 Sample : N3168-01
 Misc : 7.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HELENS-0602

Quant Time: Jun 07 16:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

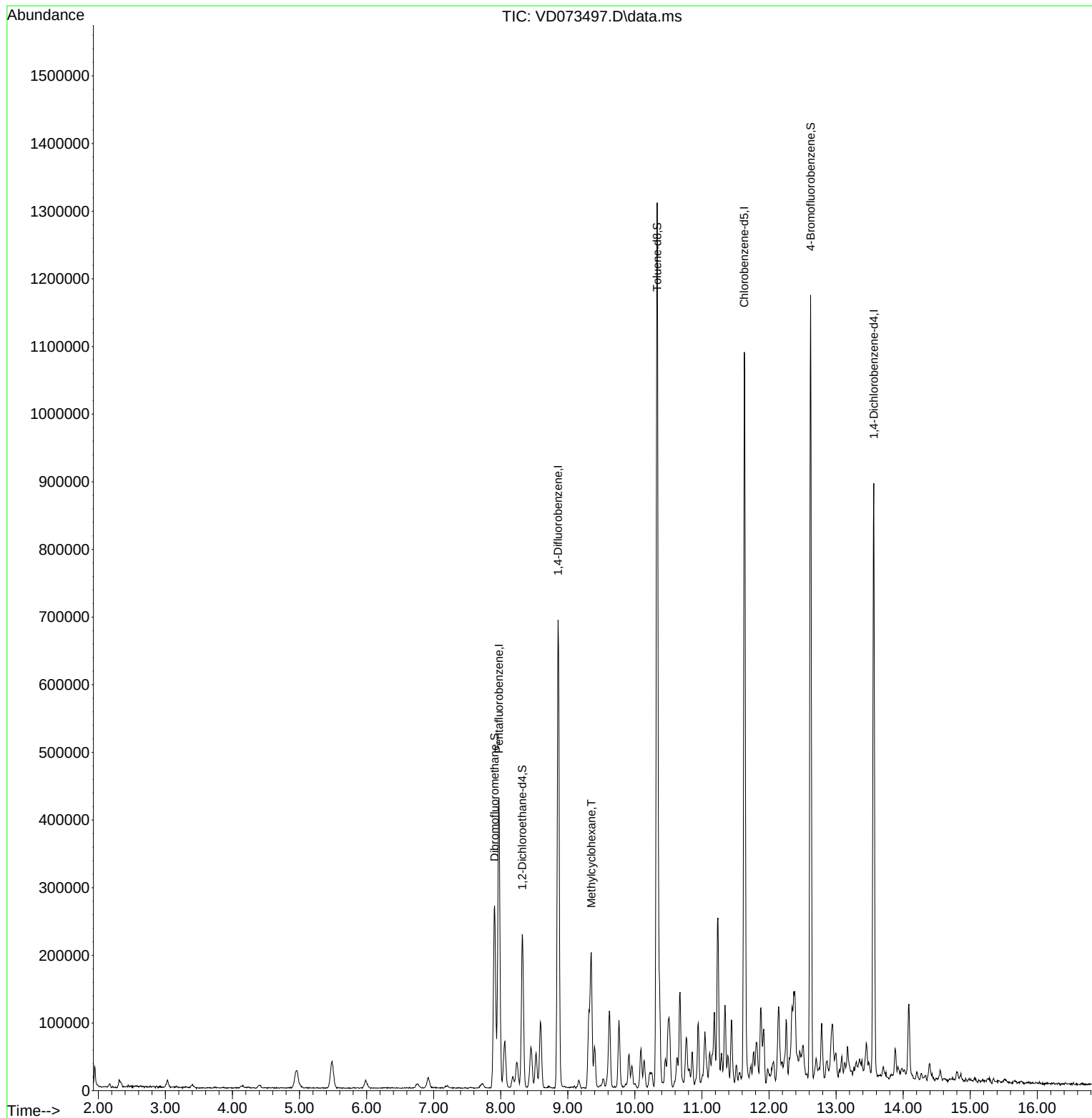
Internal Standards						
1) Pentafluorobenzene	7.973	168	312550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	619038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	643748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	179824	52.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.120%	
35) Dibromofluoromethane	7.908	113	199924	48.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.880%	
50) Toluene-d8	10.332	98	777140	51.611	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.620	95	296796	56.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.340%	
Target Compounds						
39) Methylcyclohexane	9.350	83	78172	11.418	ug/l	Qvalue # 88

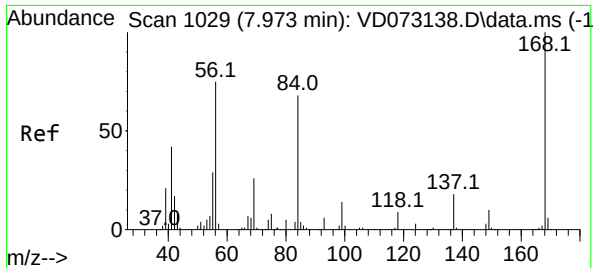
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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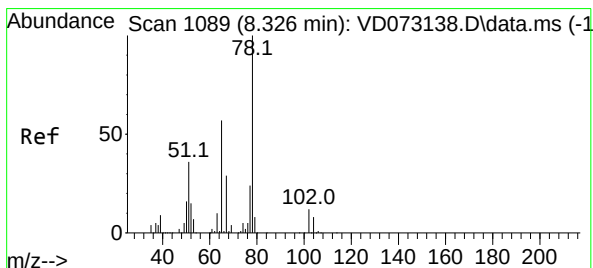
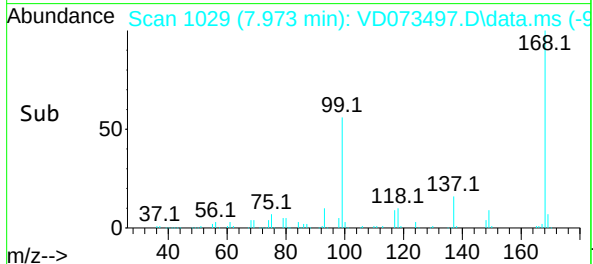
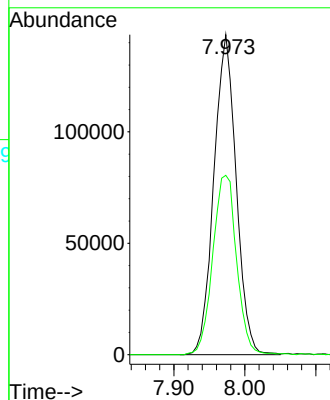
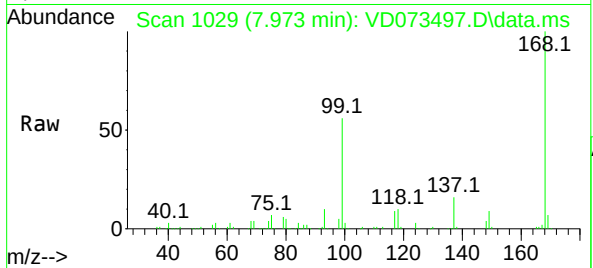




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073497.D
Acq: 07 Jun 2022 14:07

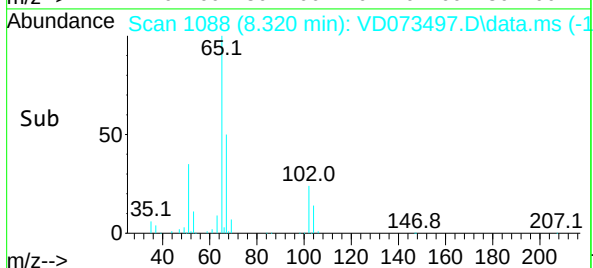
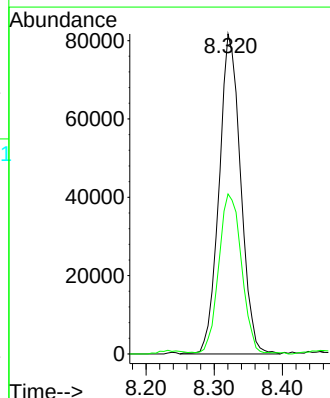
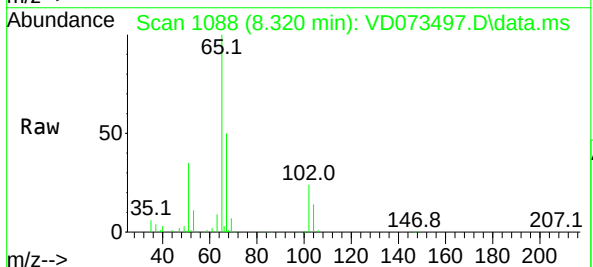
Instrument :
MSVOA_D
ClientSampleId :
HELENS-0602

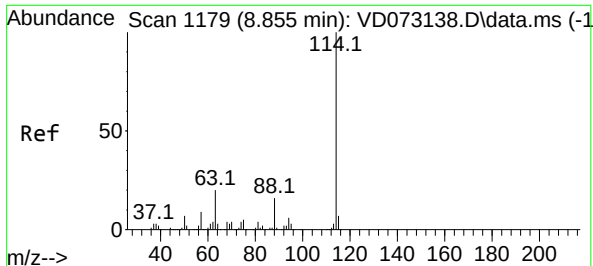
Tgt Ion:168 Resp: 312550
Ion Ratio Lower Upper
168 100
99 56.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.061 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073497.D
Acq: 07 Jun 2022 14:07

Tgt Ion: 65 Resp: 179824
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073497.D

Acq: 07 Jun 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

HELENS-0602

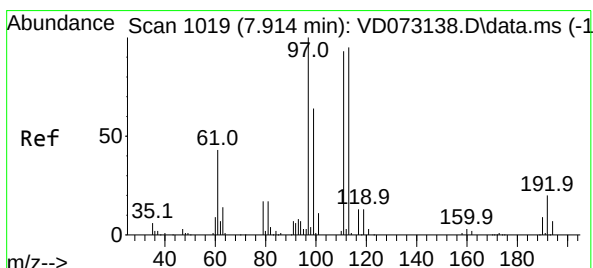
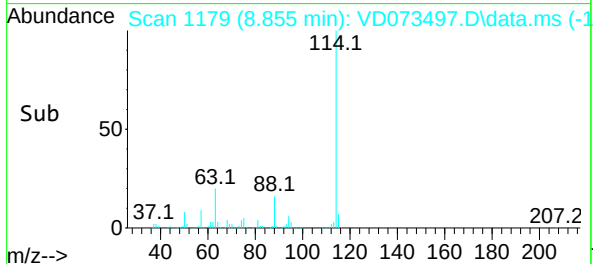
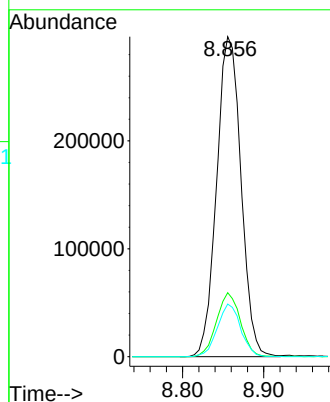
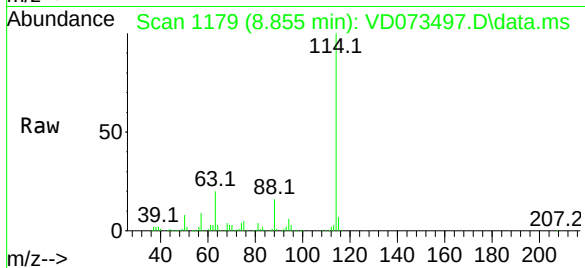
Tgt Ion:114 Resp: 619038

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.943 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073497.D

Acq: 07 Jun 2022 14:07

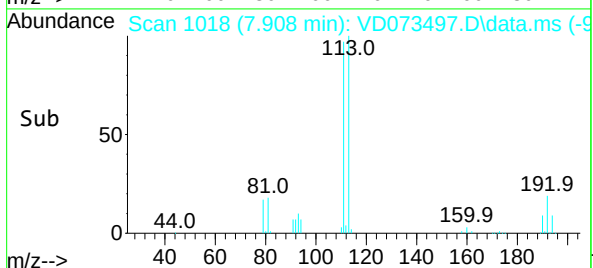
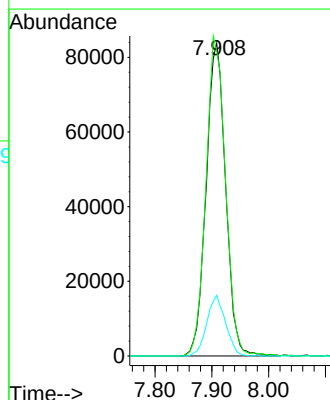
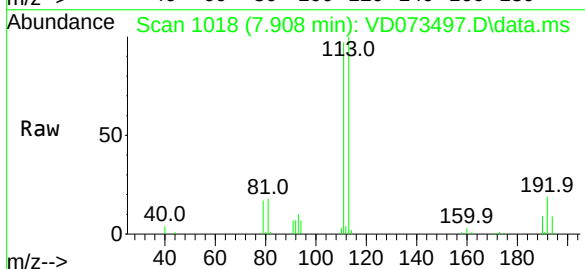
Tgt Ion:113 Resp: 199924

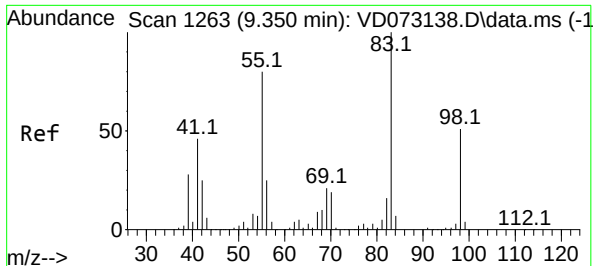
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.6 14.6 21.8





#39

Methylcyclohexane

Concen: 11.418 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073497.D

Acq: 07 Jun 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

HELENS-0602

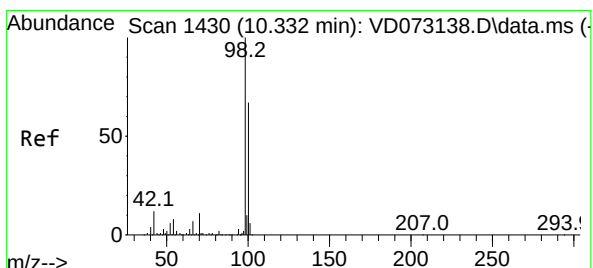
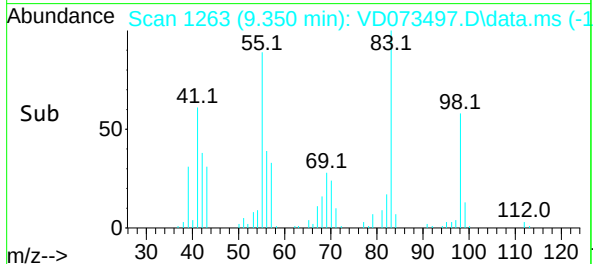
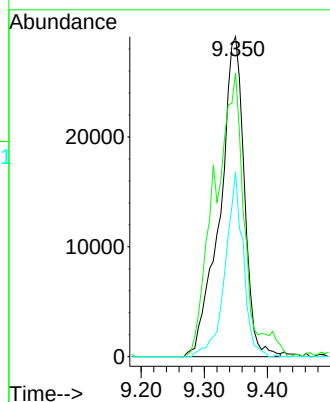
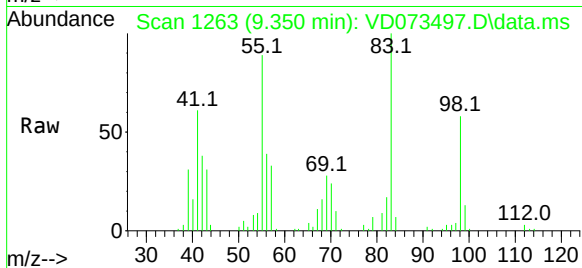
Tgt Ion: 83 Resp: 78172

Ion Ratio Lower Upper

83 100

55 88.6 63.2 94.8

98 57.8 38.2 57.4#



#50

Toluene-d8

Concen: 51.611 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073497.D

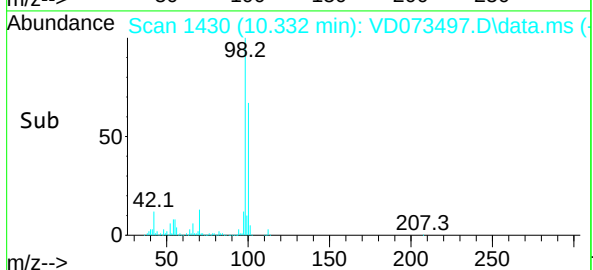
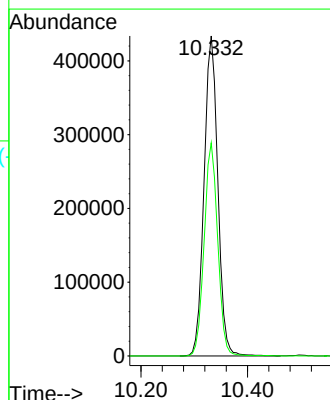
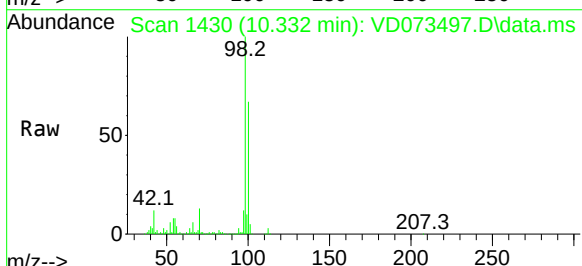
Acq: 07 Jun 2022 14:07

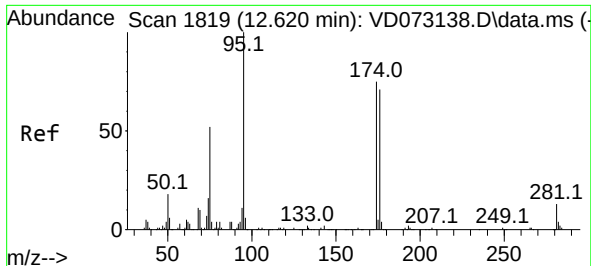
Tgt Ion: 98 Resp: 777140

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

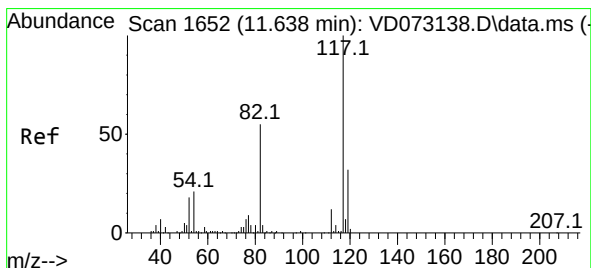
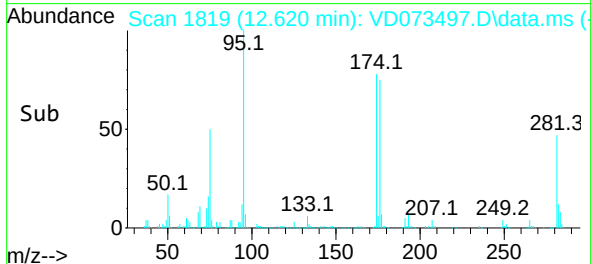
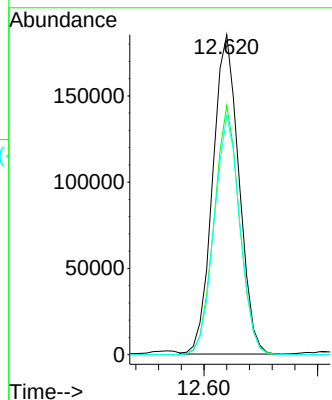
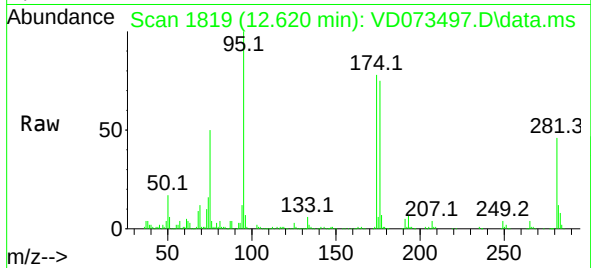




#62
4-Bromofluorobenzene
Concen: 56.165 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073497.D
Acq: 07 Jun 2022 14:07

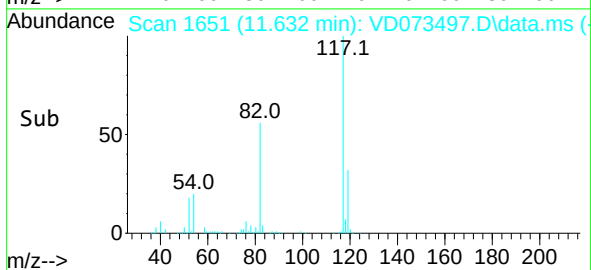
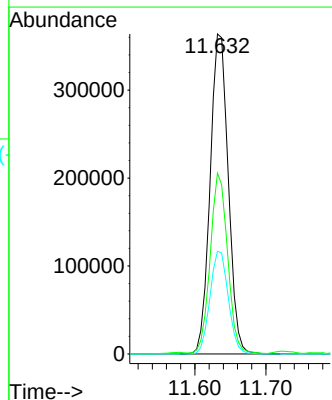
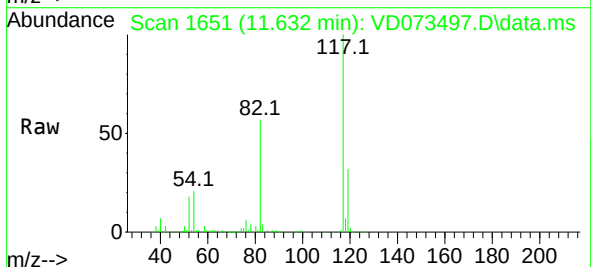
Instrument :
MSVOA_D
ClientSampleId :
HELENS-0602

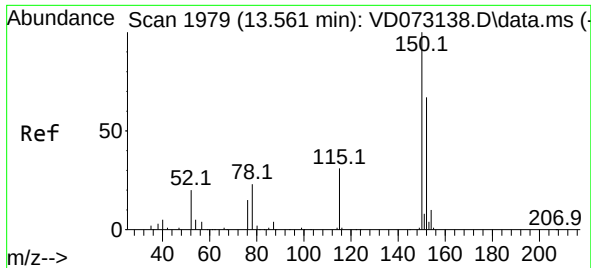
Tgt Ion: 95 Resp: 296796
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073497.D
Acq: 07 Jun 2022 14:07

Tgt Ion: 117 Resp: 643748
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.1 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: VD073497.D
 Acq: 07 Jun 2022 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 HELENS-0602

Tgt Ion:152 Resp: 243760
 Ion Ratio Lower Upper
 152 100
 115 59.0 31.3 93.8
 150 155.6 0.0 348.6

