

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073836.D
 Acq On : 12 Jul 2022 13:58
 Operator : VA/SY
 Sample : N3649-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2-UC

Quant Time: Jul 13 04:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

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

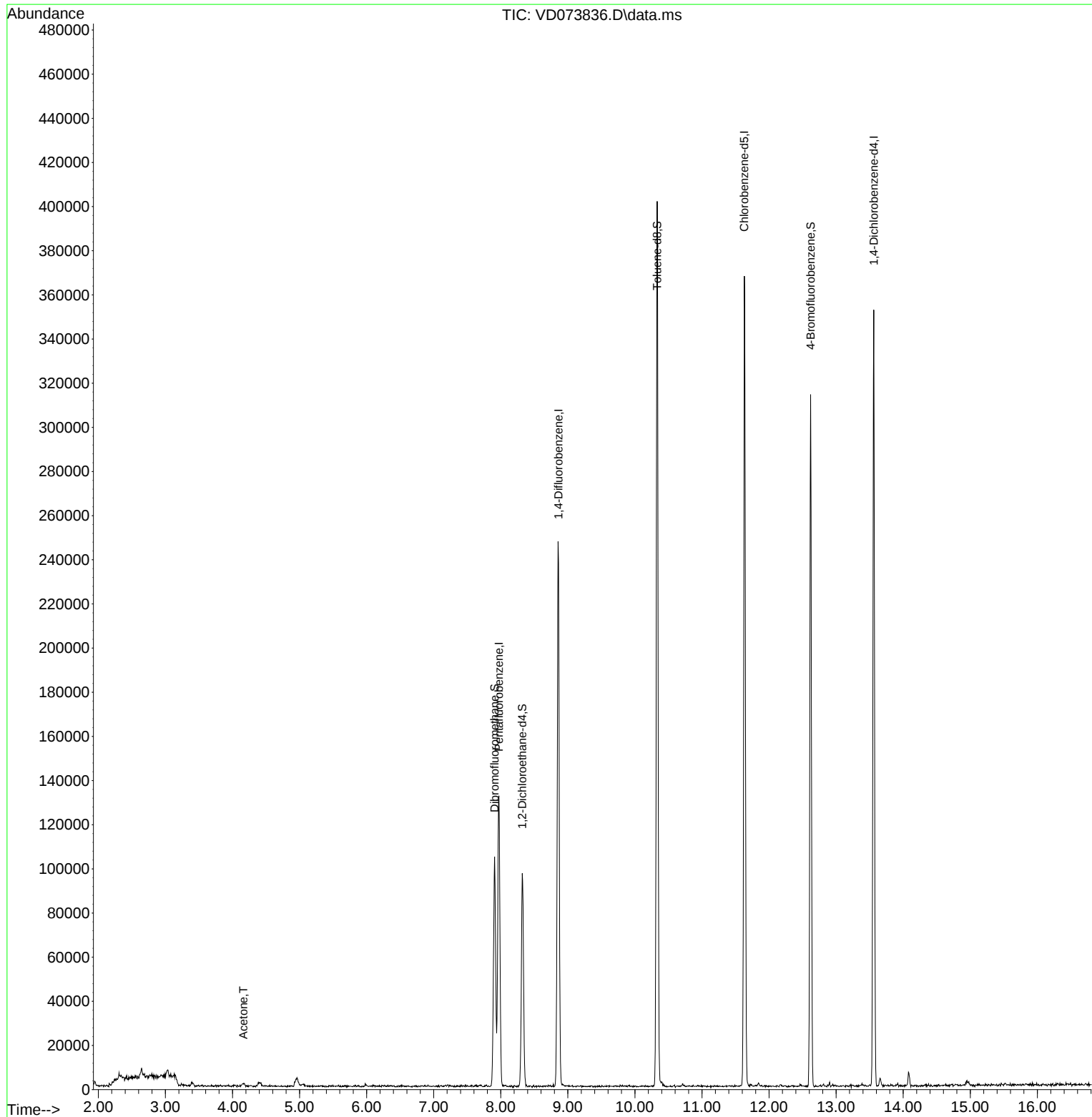
Internal Standards						
1) Pentafluorobenzene	7.973	168	83630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	195764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	190320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	81509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	77821	69.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.940%
35) Dibromofluoromethane	7.908	113	70510	54.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.900%
50) Toluene-d8	10.332	98	253733	56.188	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.380%
62) 4-Bromofluorobenzene	12.620	95	90523	47.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	94.620%
Target Compounds					Qvalue	
16) Acetone	4.162	43	2757	14.366	ug/l #	76

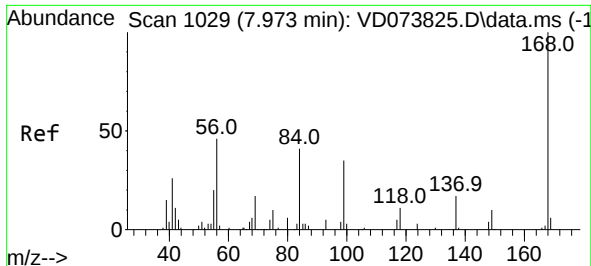
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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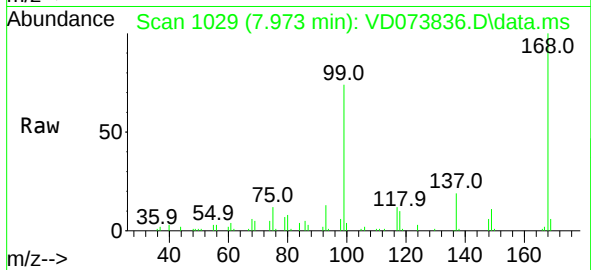
Quant Time: Jul 13 04:30:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
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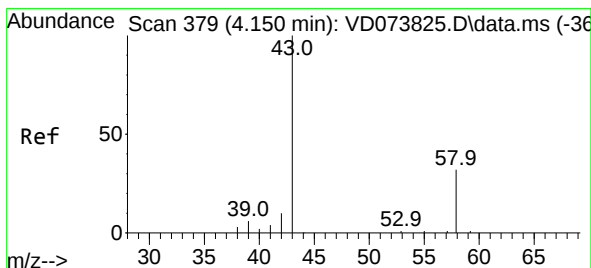
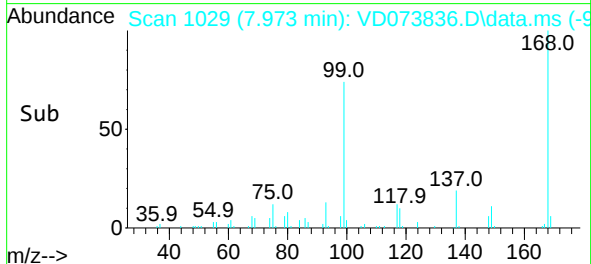
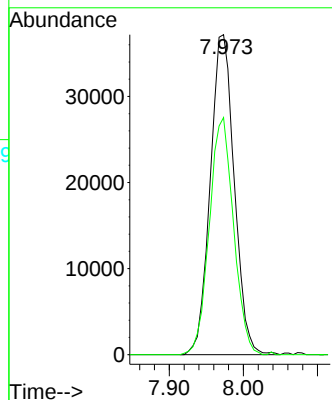


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073836.D
Acq: 12 Jul 2022 13:58

Instrument :
MSVOA_D
ClientSampleId :
B-2-UC

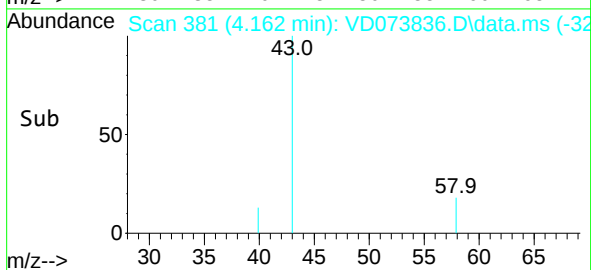
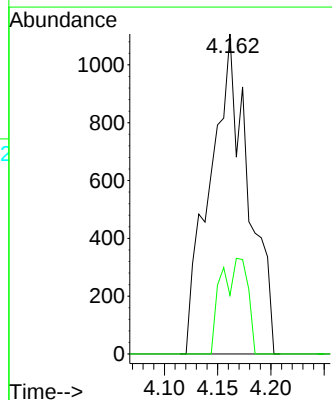
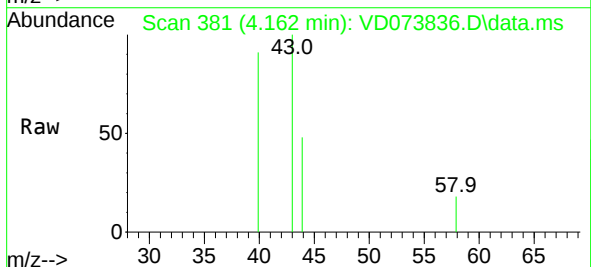


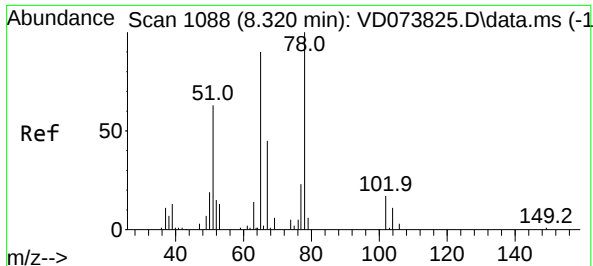
Tgt Ion:168 Resp: 83630
Ion Ratio Lower Upper
168 100
99 74.1 53.8 80.6



#16
Acetone
Concen: 14.366 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073836.D
Acq: 12 Jul 2022 13:58

Tgt Ion: 43 Resp: 2757
Ion Ratio Lower Upper
43 100
58 18.3 25.2 37.8#





#33

1,2-Dichloroethane-d4

Concen: 69.472 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073836.D

Acq: 12 Jul 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

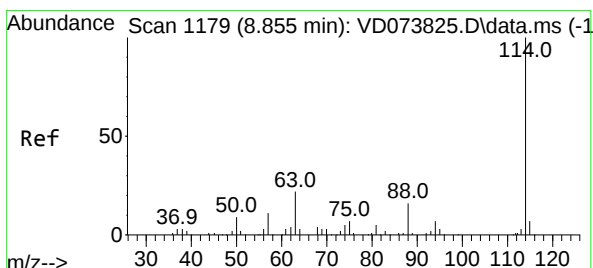
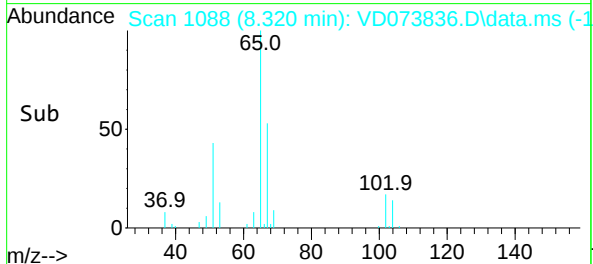
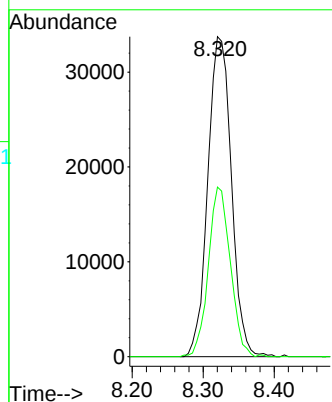
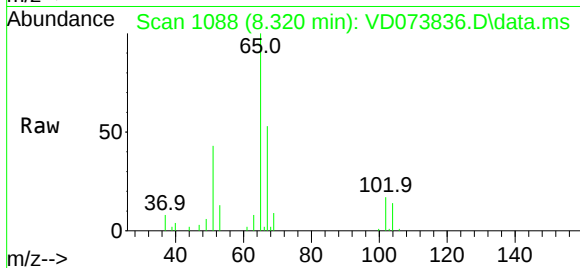
B-2-UC

Tgt Ion: 65 Resp: 77821

Ion Ratio Lower Upper

65 100

67 49.5 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073836.D

Acq: 12 Jul 2022 13:58

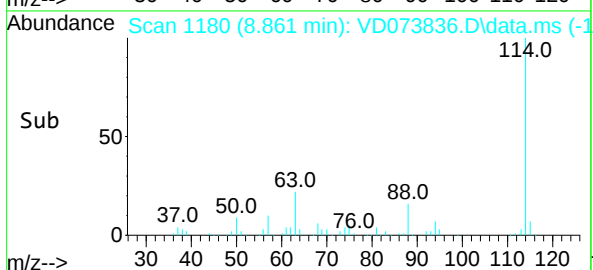
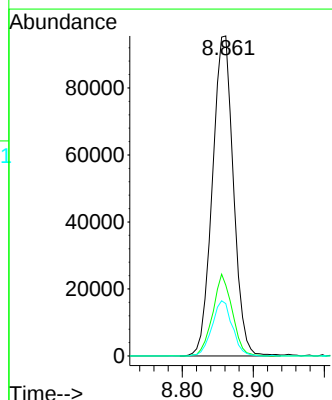
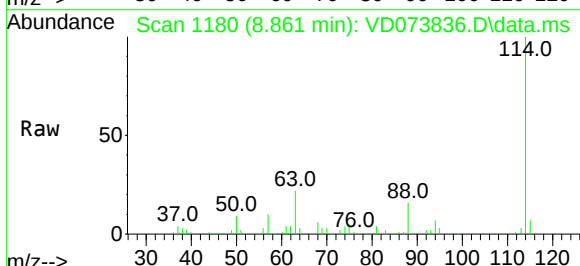
Tgt Ion: 114 Resp: 195764

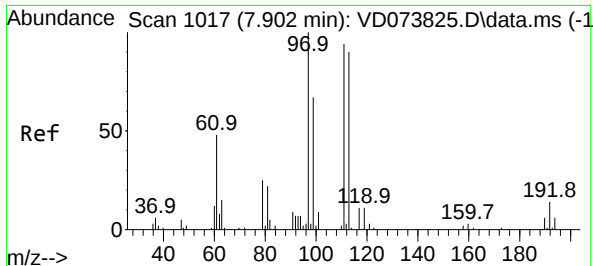
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.446 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073836.D

Acq: 12 Jul 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

B-2-UC

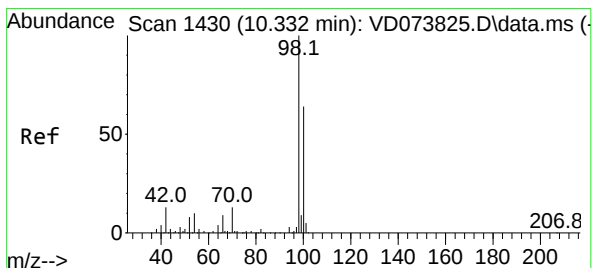
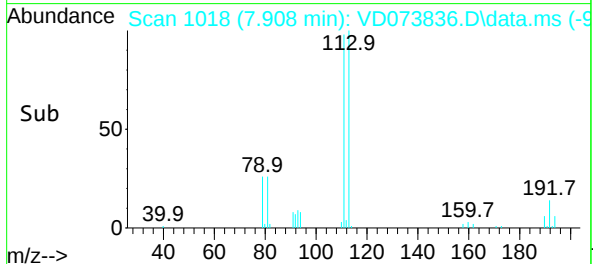
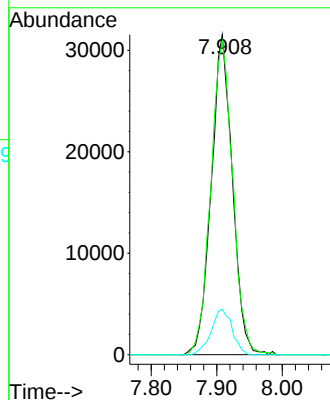
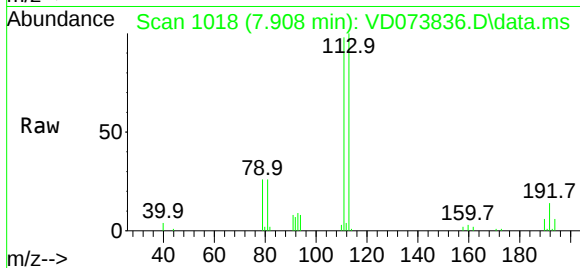
Tgt Ion:113 Resp: 70510

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 14.1 12.3 18.5



#50

Toluene-d8

Concen: 56.188 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073836.D

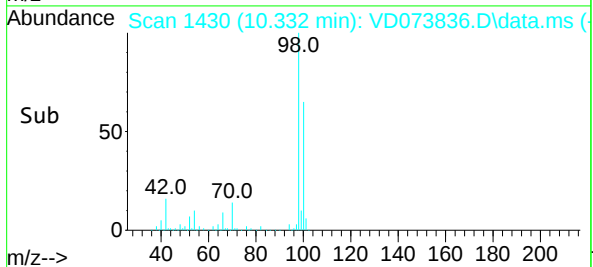
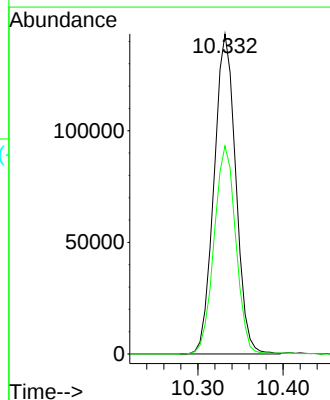
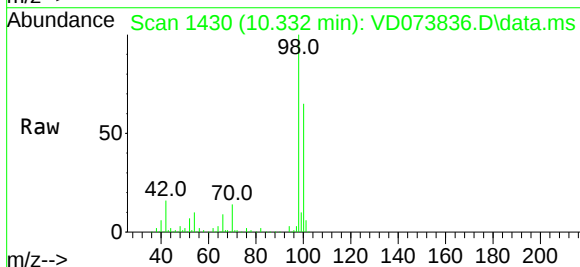
Acq: 12 Jul 2022 13:58

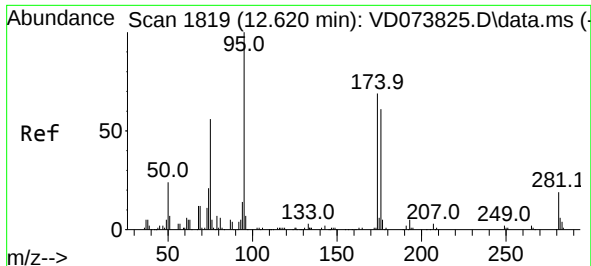
Tgt Ion: 98 Resp: 253733

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3

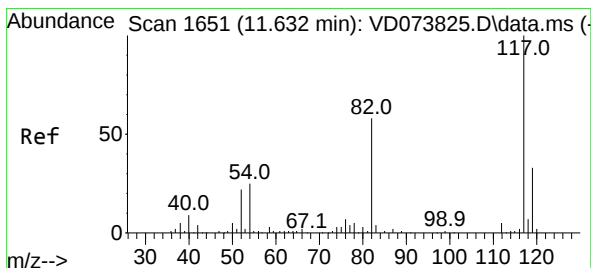
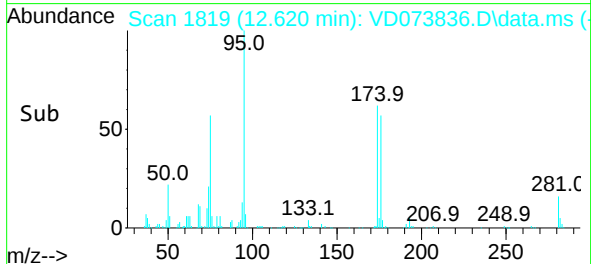
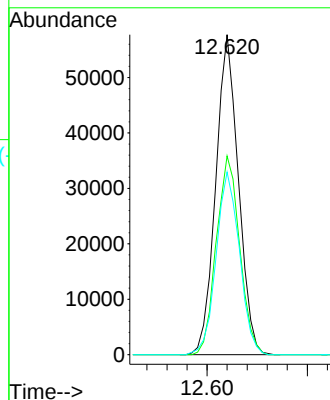
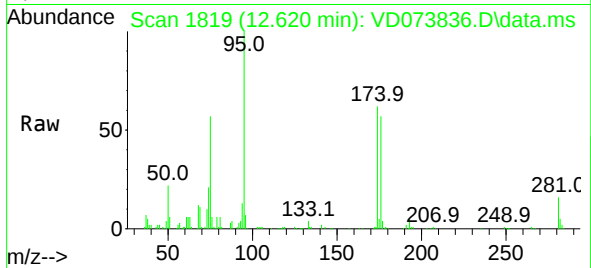




#62
4-Bromofluorobenzene
Concen: 47.310 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073836.D
Acq: 12 Jul 2022 13:58

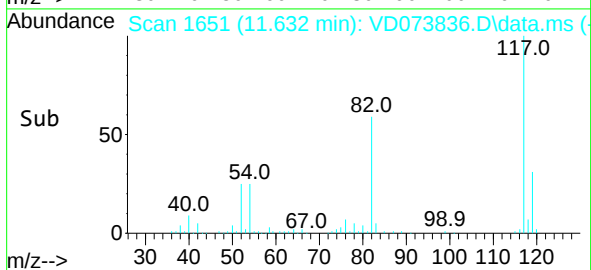
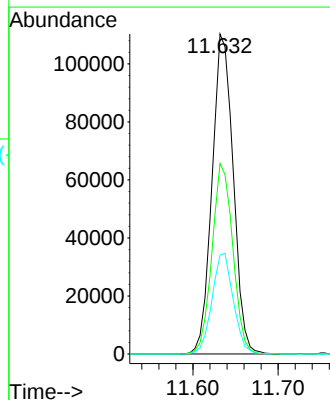
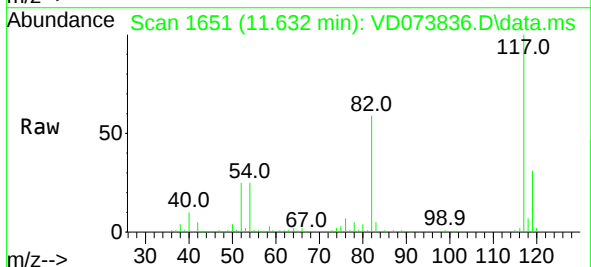
Instrument :
MSVOA_D
ClientSampleId :
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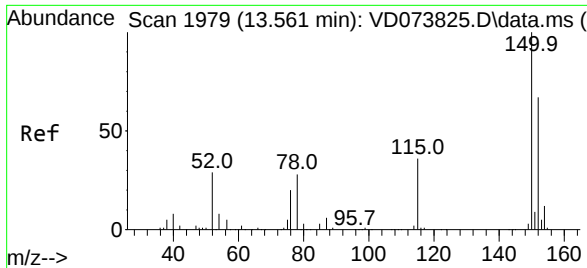
Tgt Ion: 95 Resp: 90523
Ion Ratio Lower Upper
95 100
174 63.9 0.0 131.8
176 58.6 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073836.D
Acq: 12 Jul 2022 13:58

Tgt Ion: 117 Resp: 190320
Ion Ratio Lower Upper
117 100
82 59.5 46.6 69.8
119 30.9 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073836.D
 Acq: 12 Jul 2022 13:58

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2-UC

Tgt Ion:152 Resp: 81509
 Ion Ratio Lower Upper
 152 100
 115 65.0 33.5 100.5
 150 153.7 0.0 343.2

