

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073814.D
 Acq On : 07 Jul 2022 17:58
 Operator : VA/SY
 Sample : N3593-05
 Misc : 8.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220484B-2B

Quant Time: Jul 08 06:34:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

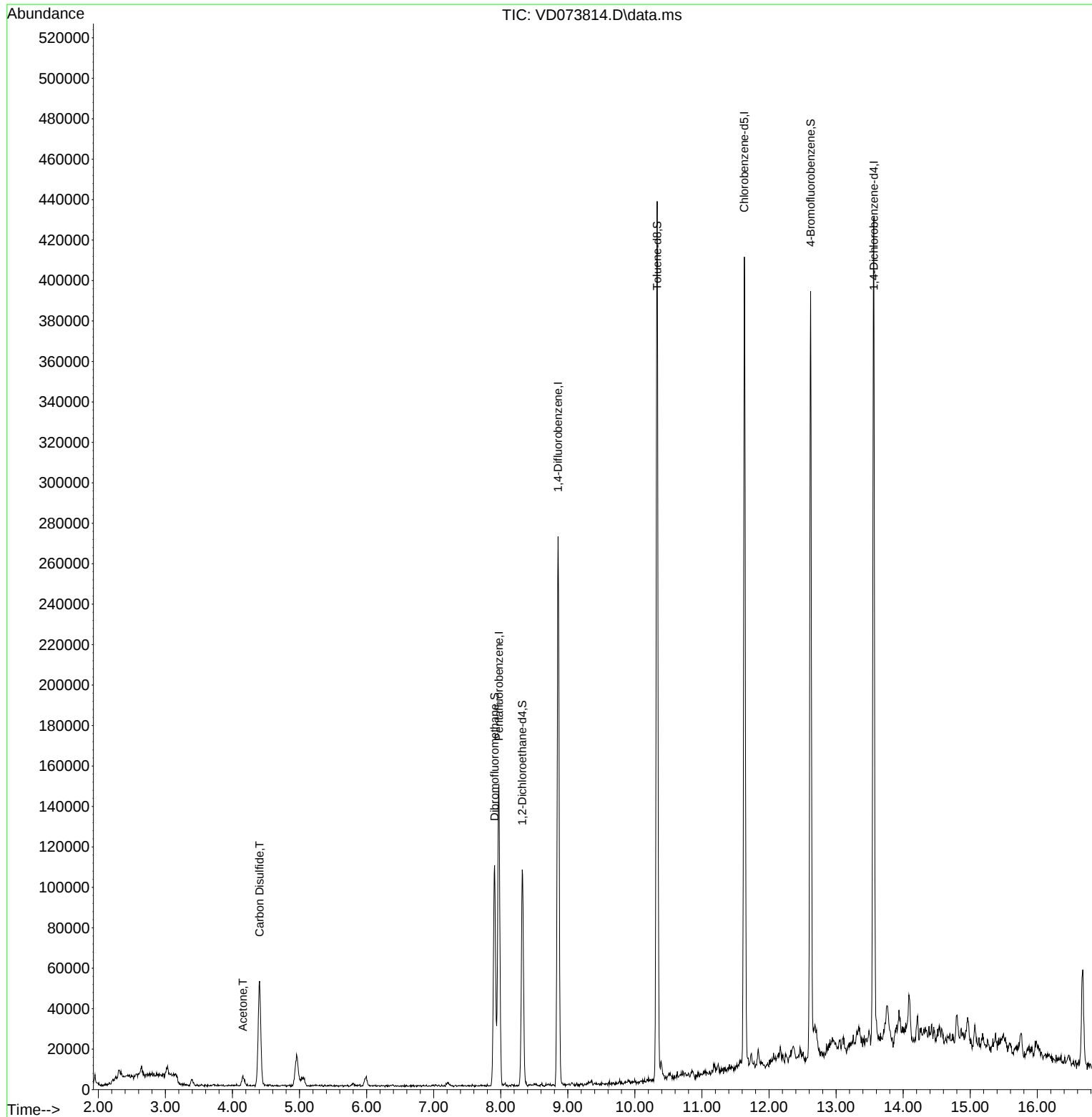
Internal Standards						
1) Pentafluorobenzene	7.973	168	98299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	219858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	214041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	97716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	83369	68.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.860%	
35) Dibromofluoromethane	7.909	113	73728	54.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.300%	
50) Toluene-d8	10.332	98	280880	61.462	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 122.920%#	
62) 4-Bromofluorobenzene	12.620	95	110445	58.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 117.600%#	
Target Compounds						Qvalue
16) Acetone	4.156	43	8738	19.967	ug/l	95
17) Carbon Disulfide	4.403	76	103304	101.980	ug/l	99

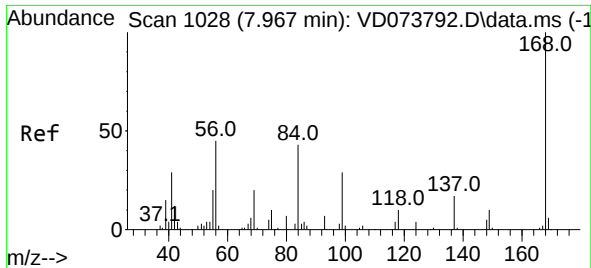
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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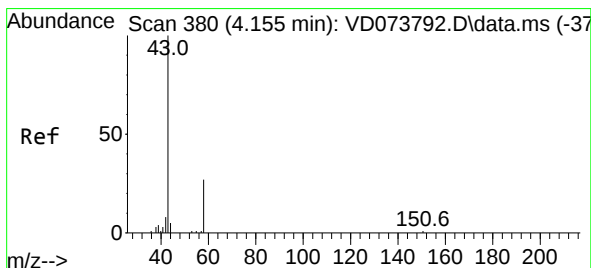
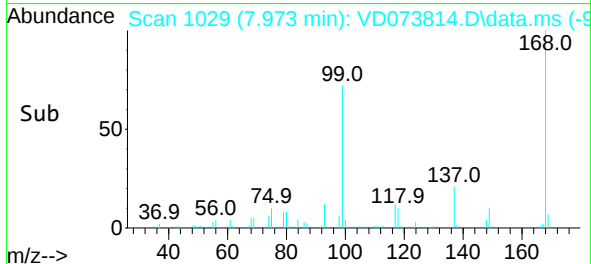
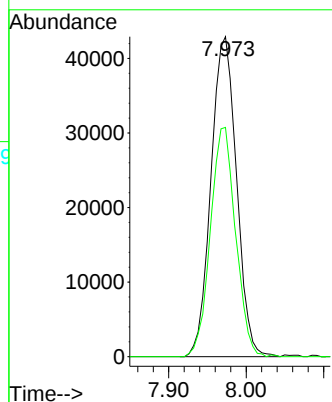
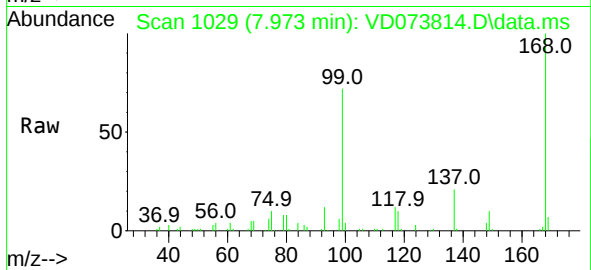




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073814.D
Acq: 07 Jul 2022 17:58

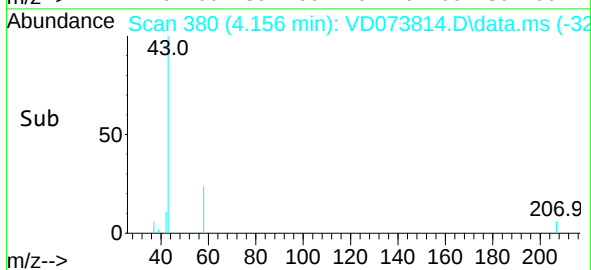
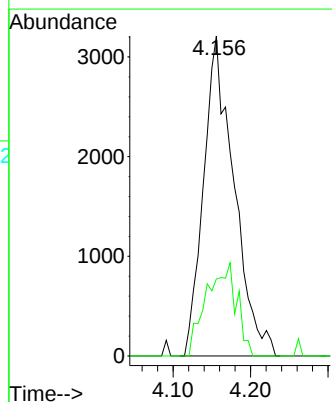
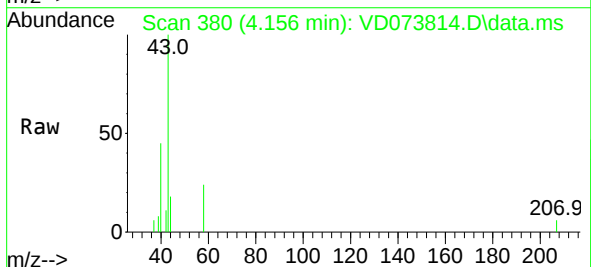
Instrument :
MSVOA_D
ClientSampleId :
20220484B-2B

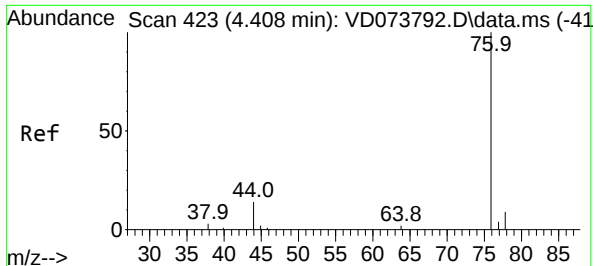
Tgt Ion:168 Resp: 98299
Ion Ratio Lower Upper
168 100
99 71.6 58.4 87.6



#16
Acetone
Concen: 19.967 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073814.D
Acq: 07 Jul 2022 17:58

Tgt Ion: 43 Resp: 8738
Ion Ratio Lower Upper
43 100
58 24.0 21.3 31.9

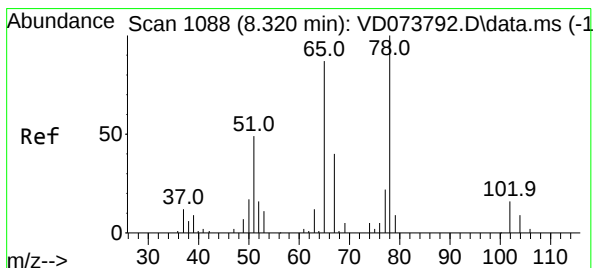
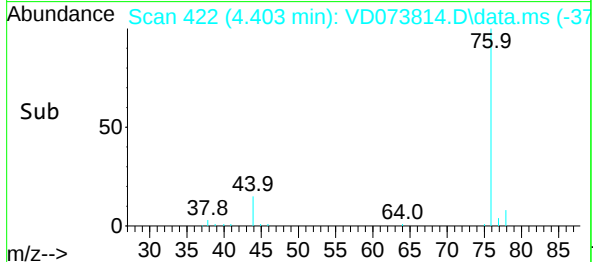
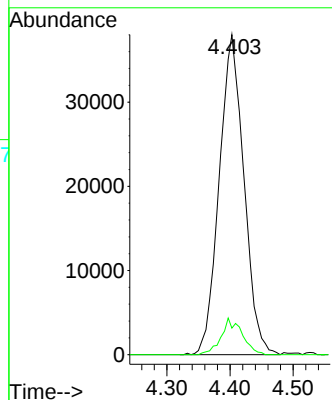
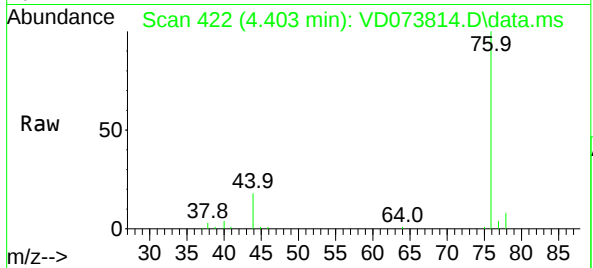




#17
Carbon Disulfide
Concen: 101.980 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD073814.D
Acq: 07 Jul 2022 17:58

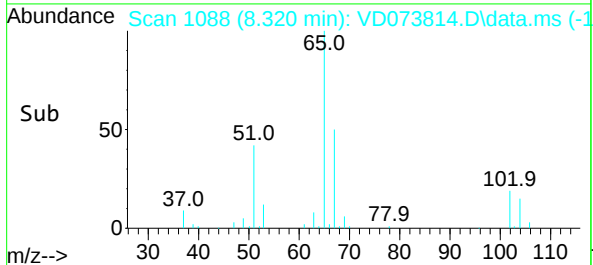
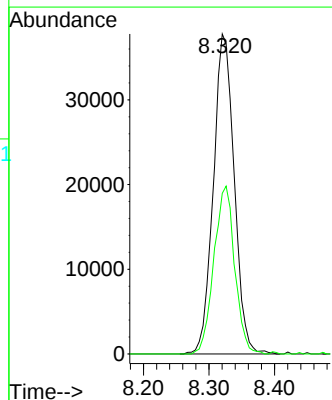
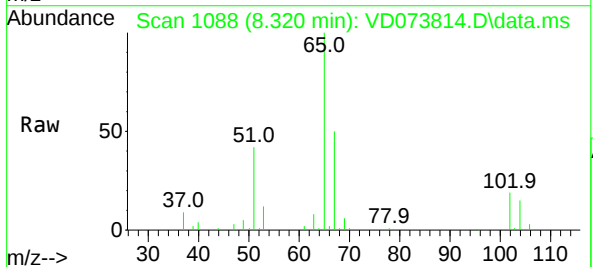
Instrument :
MSVOA_D
ClientSampleId :
20220484B-2B

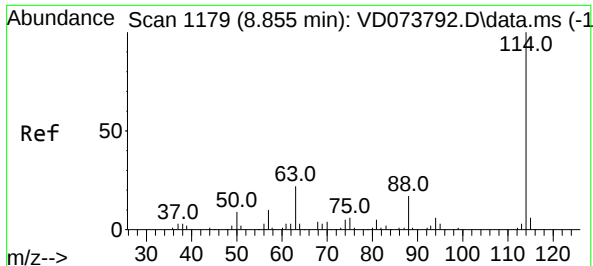
Tgt Ion: 76 Resp: 103304
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 68.931 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073814.D
Acq: 07 Jul 2022 17:58

Tgt Ion: 65 Resp: 83369
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073814.D

Acq: 07 Jul 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

20220484B-2B

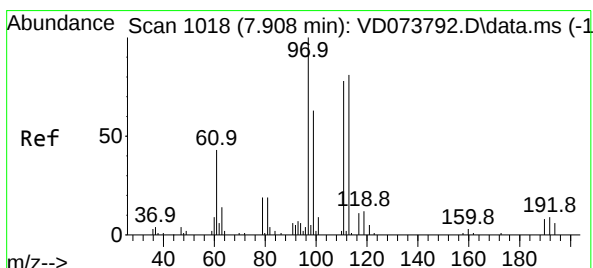
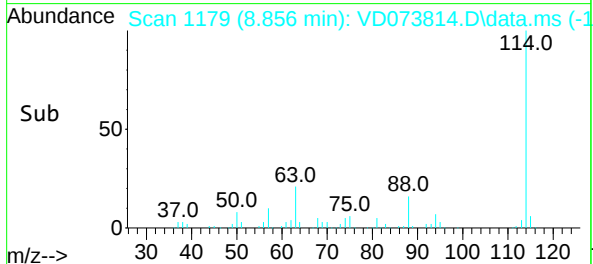
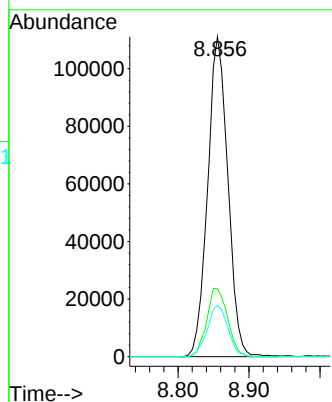
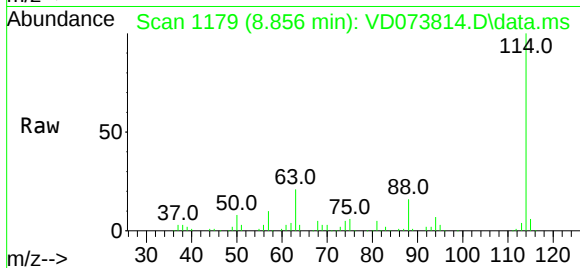
Tgt Ion:114 Resp: 219858

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.2

88 16.0 0.0 33.6



#35

Dibromofluoromethane

Concen: 54.653 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073814.D

Acq: 07 Jul 2022 17:58

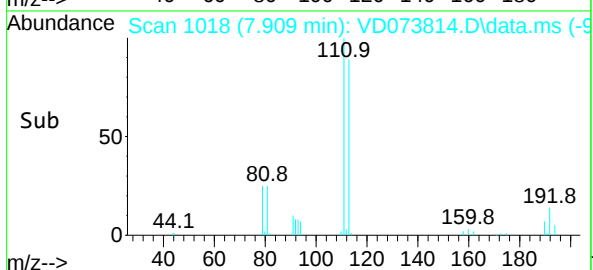
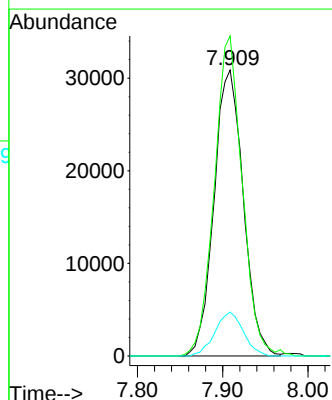
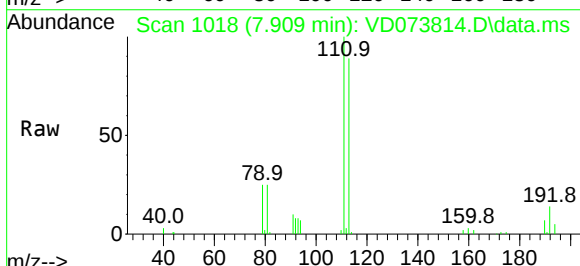
Tgt Ion:113 Resp: 73728

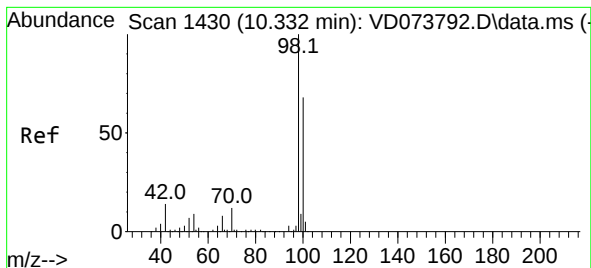
Ion Ratio Lower Upper

113 100

111 106.8 82.7 124.1

192 14.9 11.7 17.5





#50

Toluene-d8

Concen: 61.462 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073814.D

Acq: 07 Jul 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

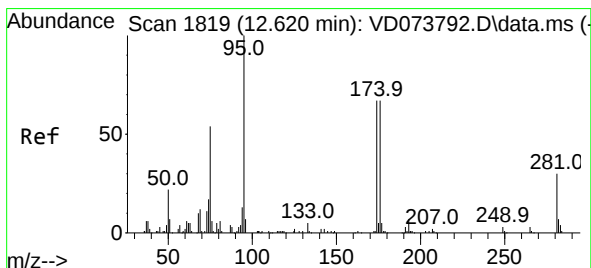
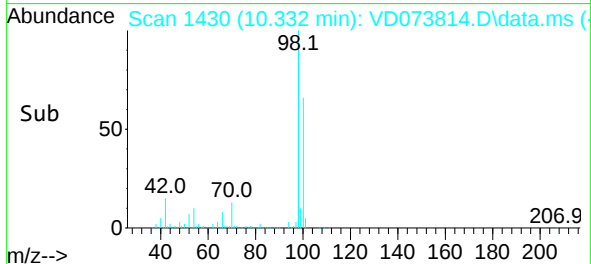
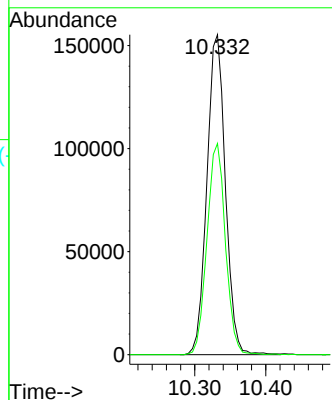
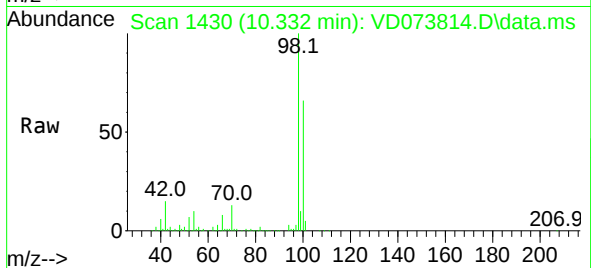
20220484B-2B

Tgt Ion: 98 Resp: 280880

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 58.796 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073814.D

Acq: 07 Jul 2022 17:58

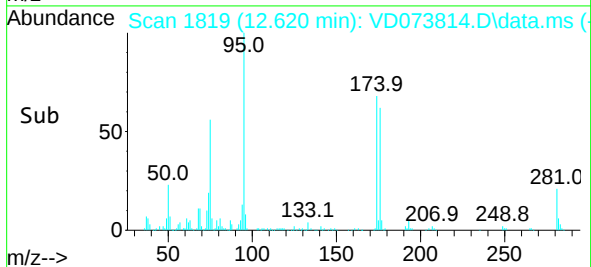
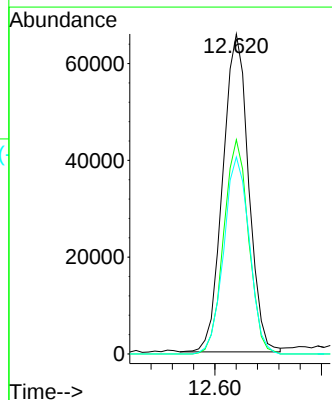
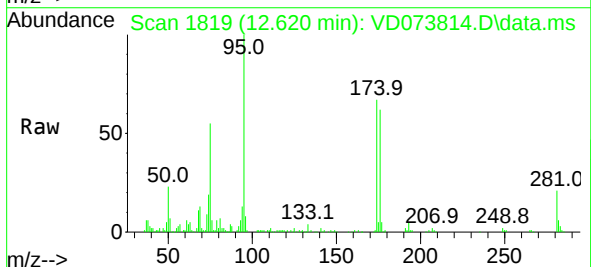
Tgt Ion: 95 Resp: 110445

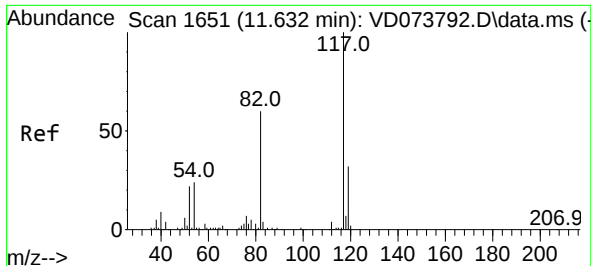
Ion Ratio Lower Upper

95 100

174 64.9 0.0 132.4

176 61.4 0.0 129.0

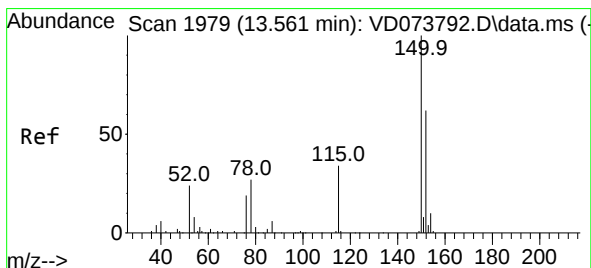
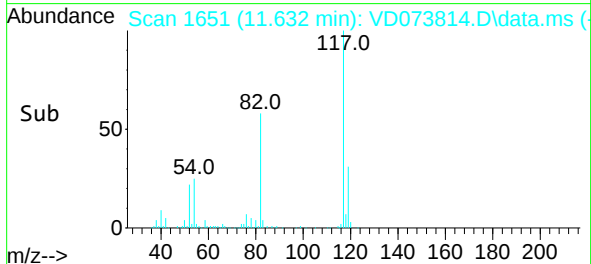
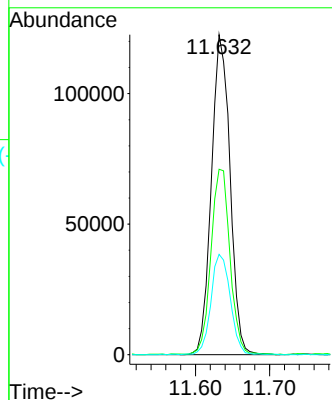
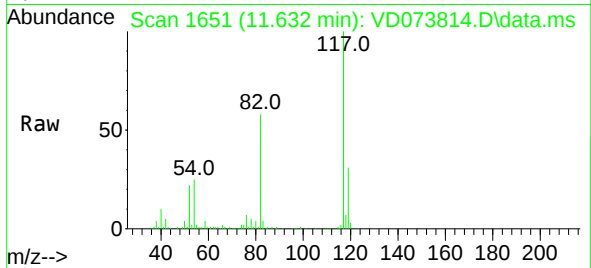




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD073814.D
Acq: 07 Jul 2022 17:58

Instrument :
MSVOA_D
ClientSampleId :
20220484B-2B

Tgt Ion:117 Resp: 214041
Ion Ratio Lower Upper
117 100
82 57.7 48.2 72.2
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073814.D
Acq: 07 Jul 2022 17:58

Tgt Ion:152 Resp: 97716
Ion Ratio Lower Upper
152 100
115 65.8 32.2 96.6
150 156.0 0.0 353.0

