

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032625.D
 Acq On : 07 Nov 2022 14:28
 Operator : JC/MD
 Sample : N5484-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Nov 08 03:13:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

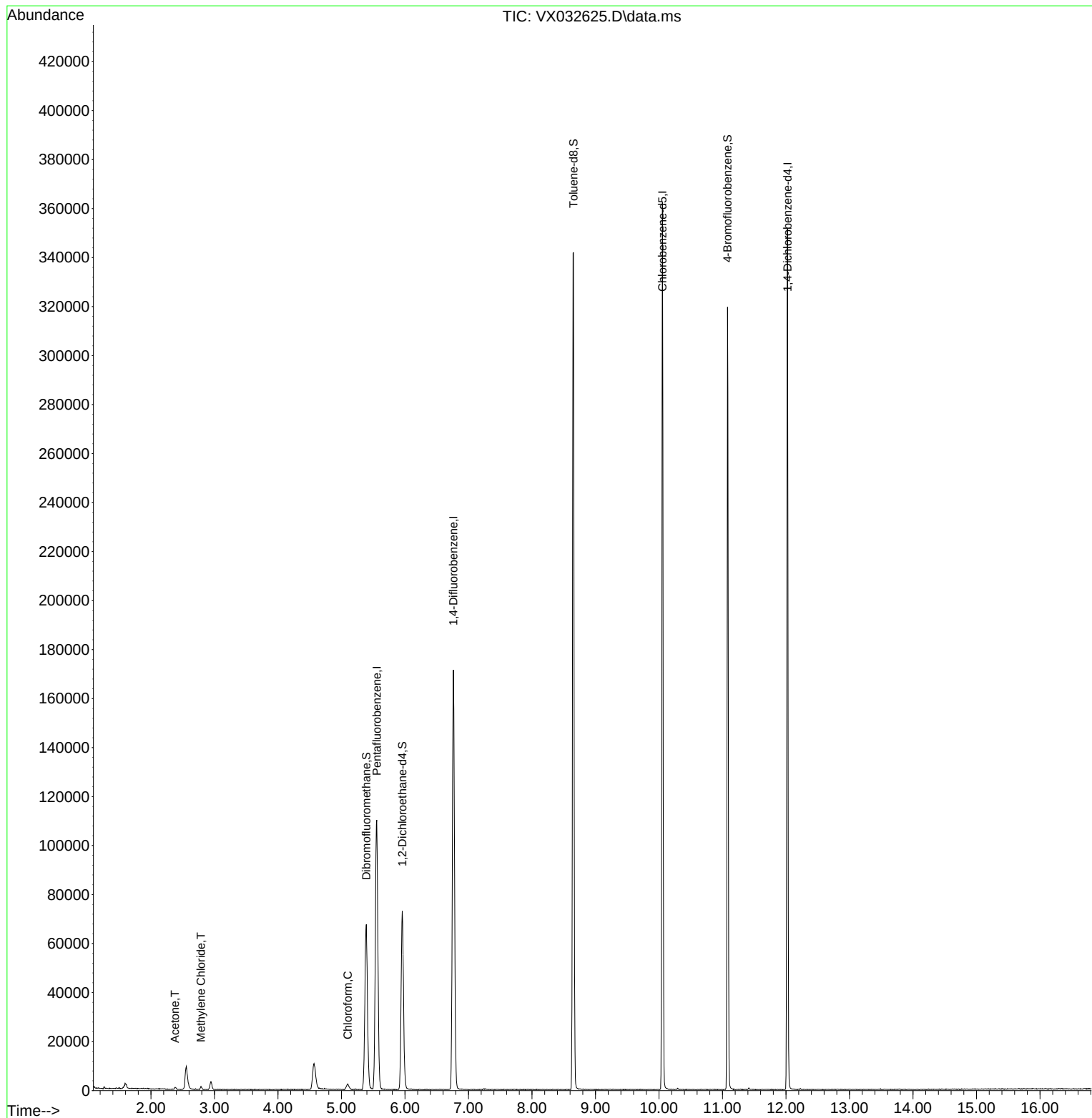
Internal Standards						
1) Pentafluorobenzene	5.556	168	103841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72140	49.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.000%
35) Dibromofluoromethane	5.391	113	56887	46.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	8.653	98	205756	48.470	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	77032	46.455	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.920%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	1040	1.983	ug/l	97
20) Methylene Chloride	2.788	84	613	0.510	ug/l	93
30) Chloroform	5.099	83	2854	1.259	ug/l	98

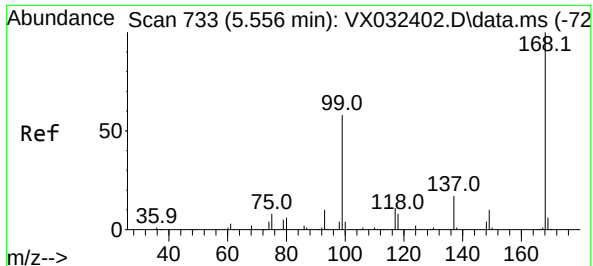
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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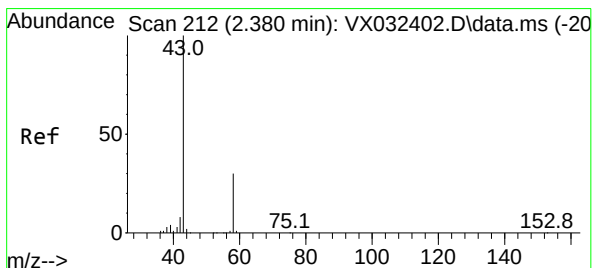
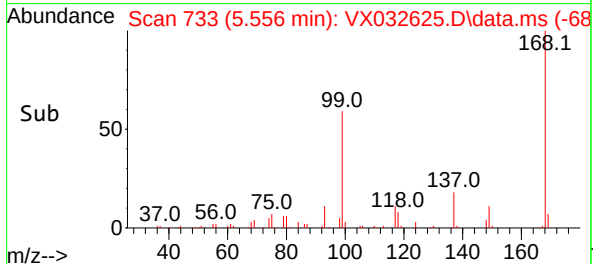
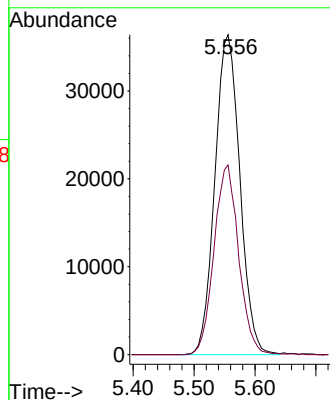
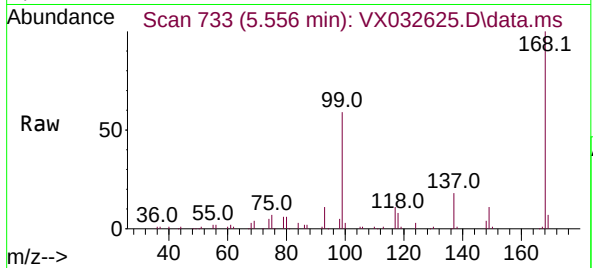




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

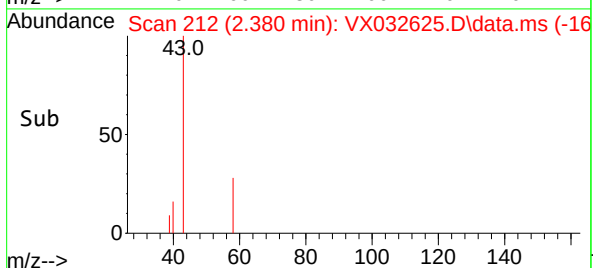
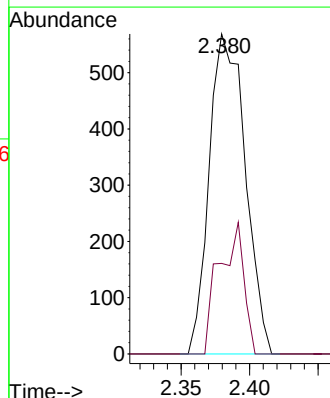
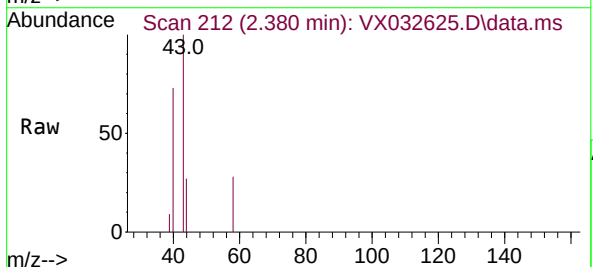
Instrument :
MSVOA_X
ClientSampleId :
MW-17

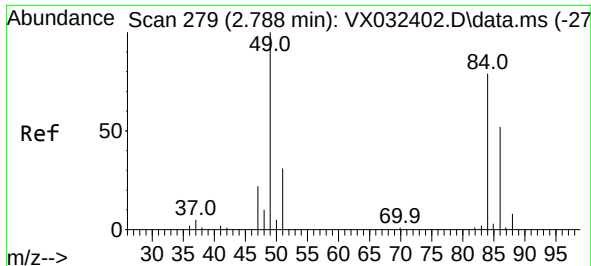
Tgt Ion:168 Resp: 103841
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#16
Acetone
Concen: 1.983 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
58 28.3 23.8 35.8





#20

Methylene Chloride

Concen: 0.510 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

MW-17

Tgt Ion: 84 Resp: 613

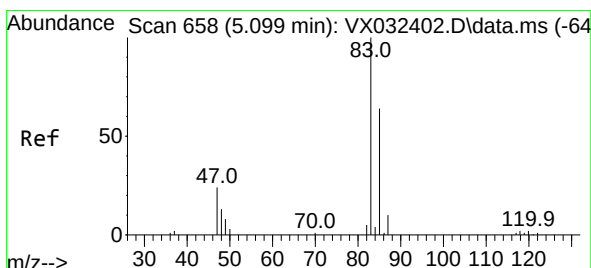
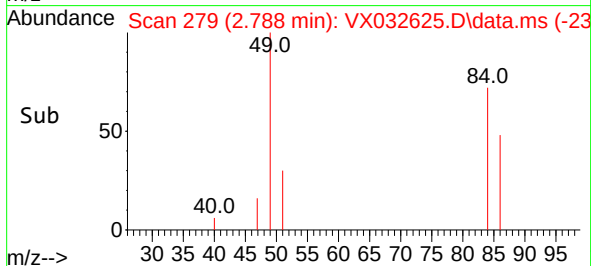
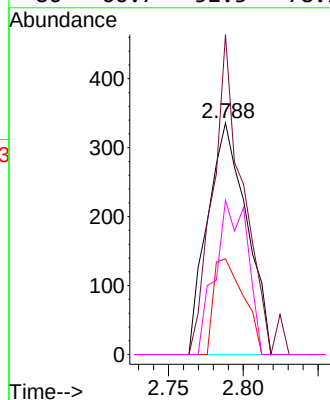
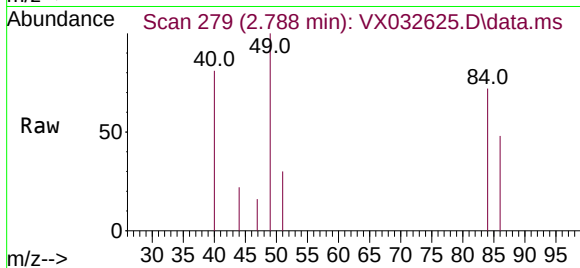
Ion Ratio Lower Upper

84 100

49 138.1 101.0 151.6

51 41.4 31.1 46.7

86 66.7 52.3 78.5



#30

Chloroform

Concen: 1.259 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX032625.D

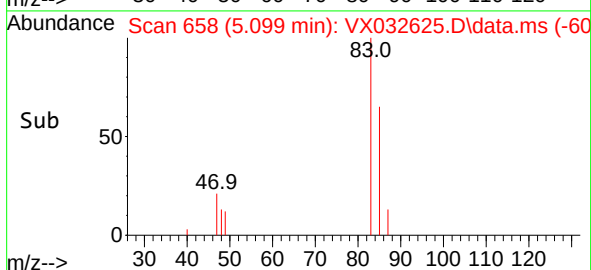
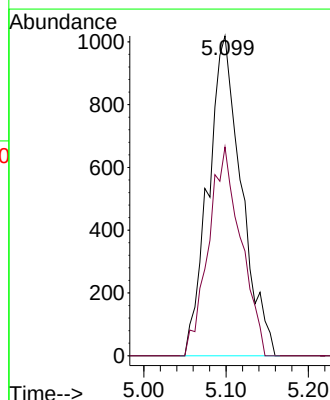
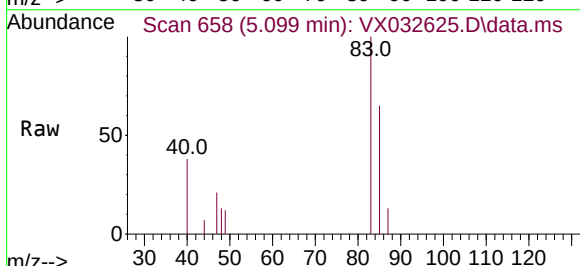
Acq: 07 Nov 2022 14:28

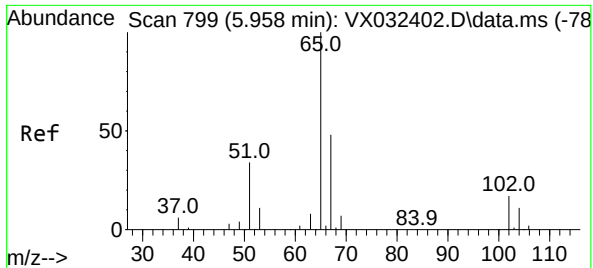
Tgt Ion: 83 Resp: 2854

Ion Ratio Lower Upper

83 100

85 65.3 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 49.998 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

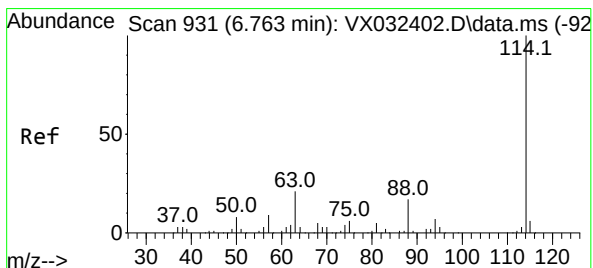
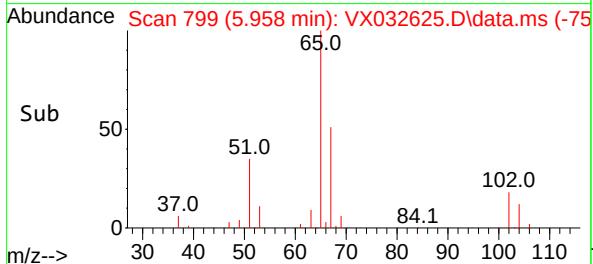
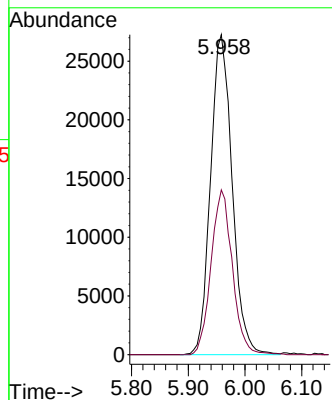
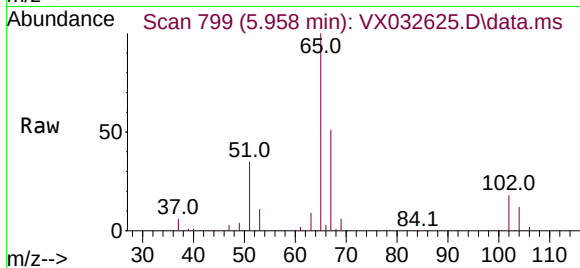
MW-17

Tgt Ion: 65 Resp: 72140

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

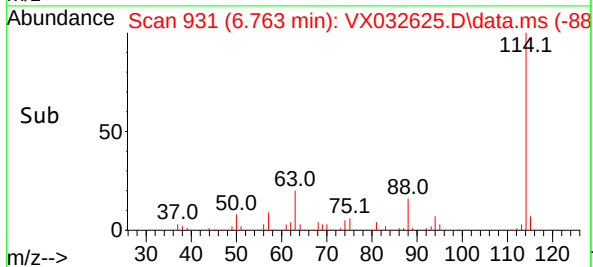
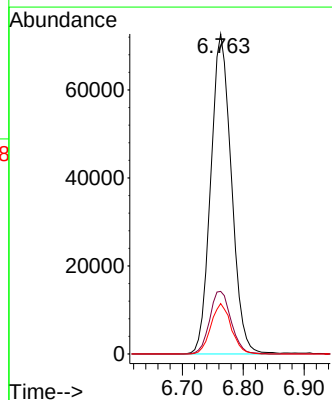
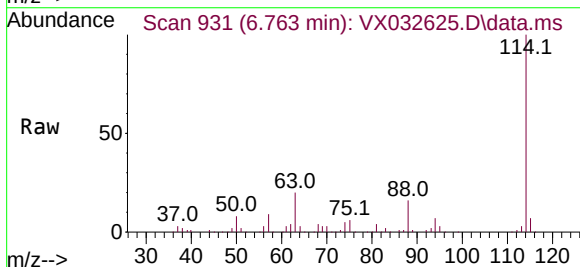
Tgt Ion: 114 Resp: 171147

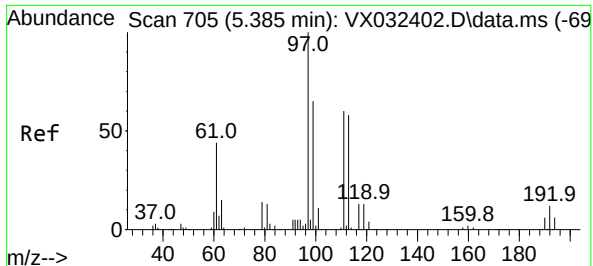
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.598 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

MW-17

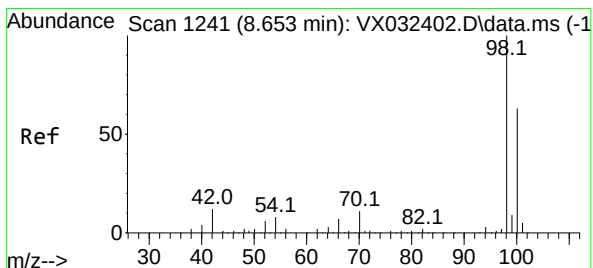
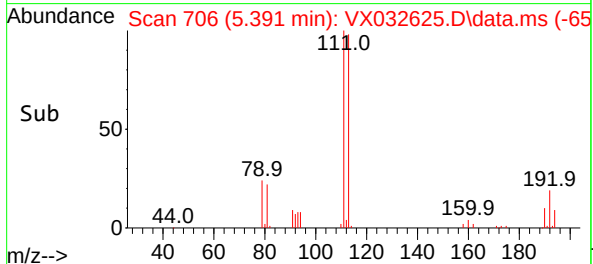
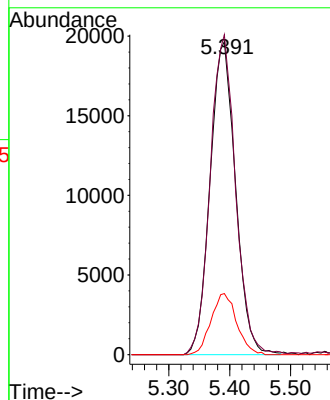
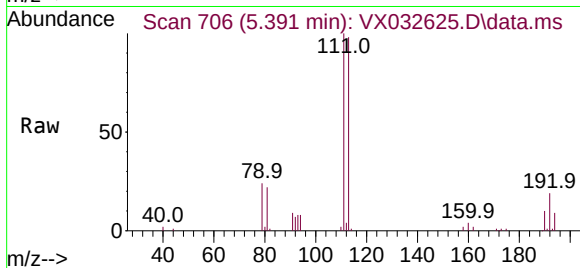
Tgt Ion:113 Resp: 56887

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 19.7 15.4 23.2



#50

Toluene-d8

Concen: 48.470 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX032625.D

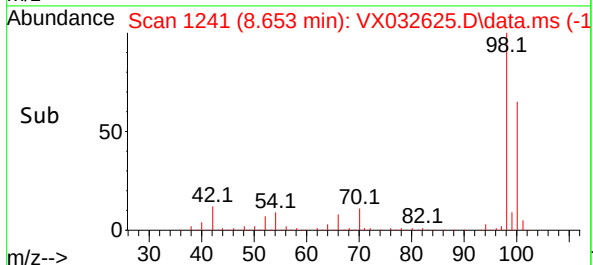
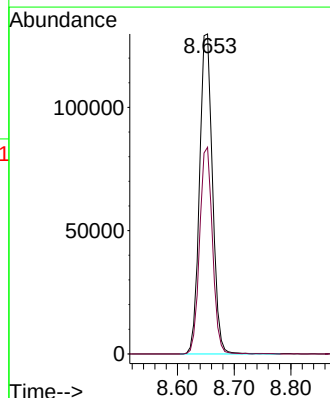
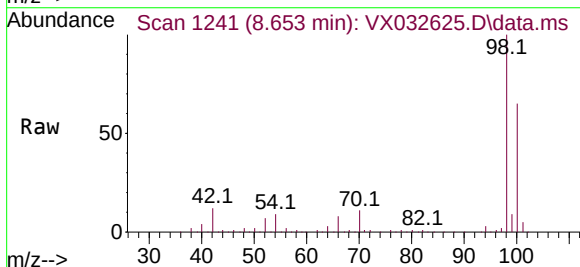
Acq: 07 Nov 2022 14:28

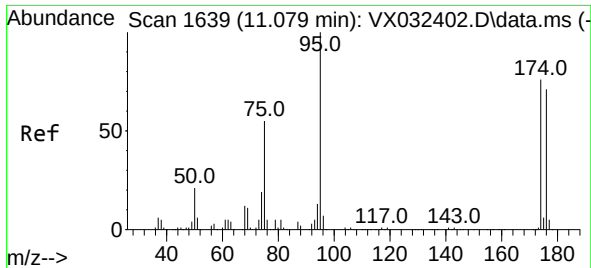
Tgt Ion: 98 Resp: 205756

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

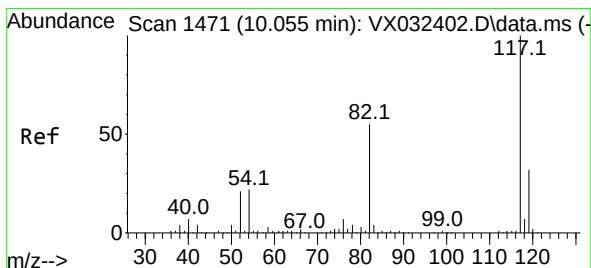
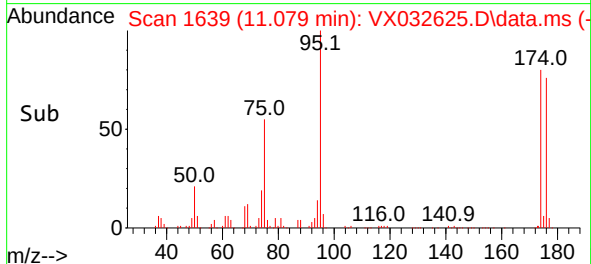
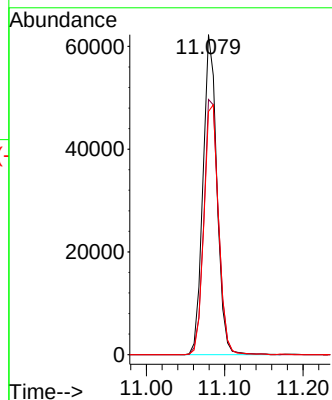
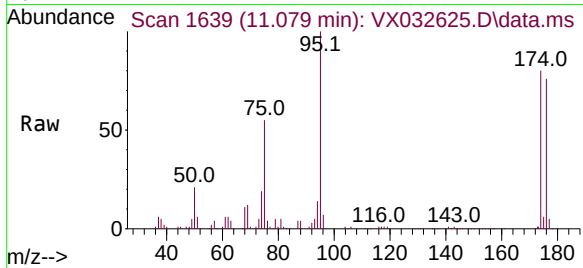




#62
4-Bromofluorobenzene
Concen: 46.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

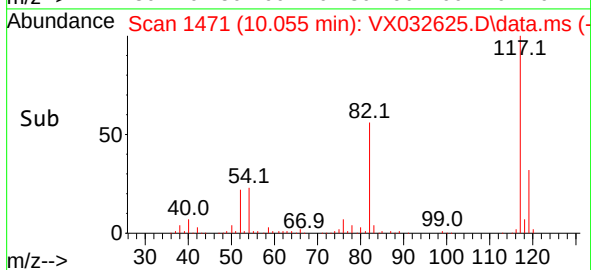
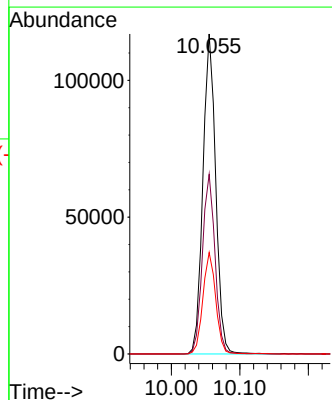
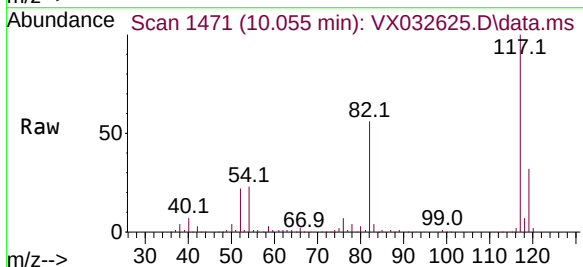
Instrument :
MSVOA_X
ClientSampleId :
MW-17

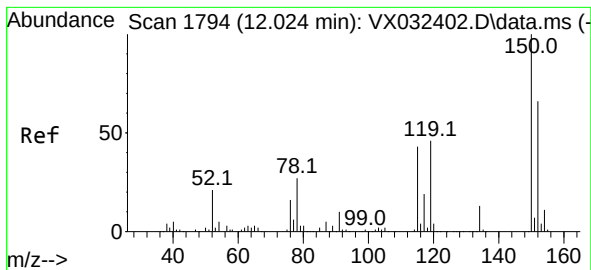
Tgt Ion: 95 Resp: 77032
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.0
176 82.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

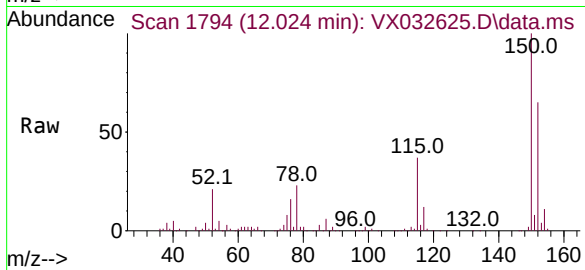
Tgt Ion: 117 Resp: 150854
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 31.7 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032625.D
 Acq: 07 Nov 2022 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17



Tgt Ion:152 Resp: 69618
 Ion Ratio Lower Upper
 152 100
 115 59.7 44.0 132.0
 150 157.4 0.0 351.8

