

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035866.D
 Acq On : 25 May 2023 20:14
 Operator : JC/MD
 Sample : 02911-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20230523RE

Quant Time: May 26 07:25:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

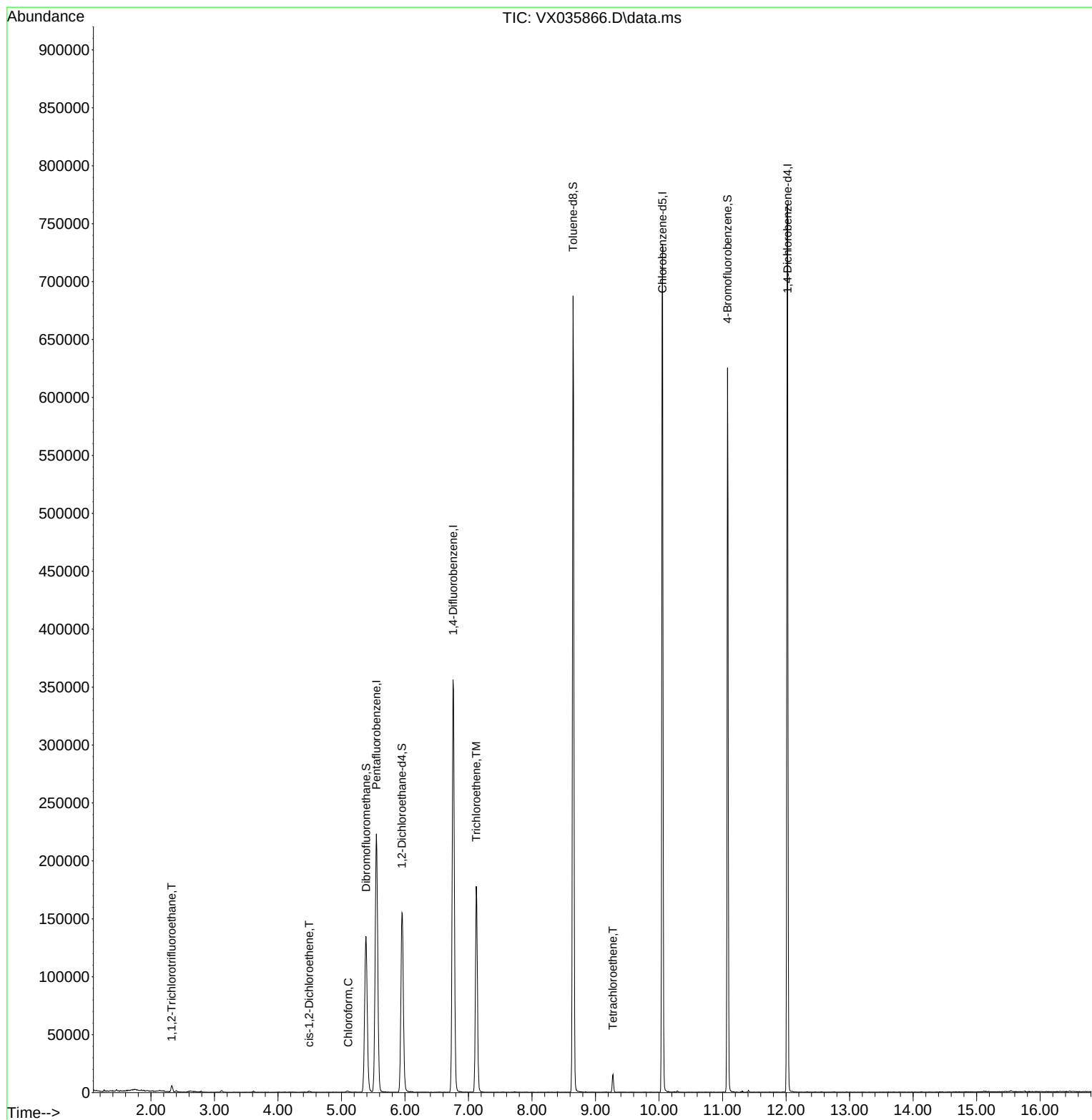
Internal Standards						
1) Pentafluorobenzene	5.550	168	202435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	353074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149972	42.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.940%
35) Dibromofluoromethane	5.385	113	115893	48.672	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	386147	43.898	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.800%#
62) 4-Bromofluorobenzene	11.079	95	156374	44.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	2069	0.872	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	748	0.252	ug/l	55
30) Chloroform	5.105	83	1292	0.249	ug/l	95
44) Trichloroethene	7.123	130	64978	24.372	ug/l	98
64) Tetrachloroethene	9.275	164	2378	1.118	ug/l	89

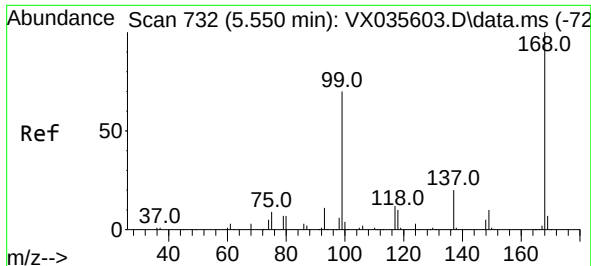
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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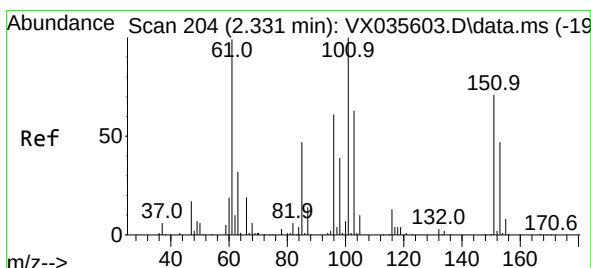
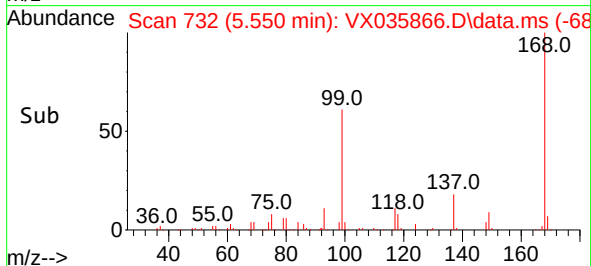
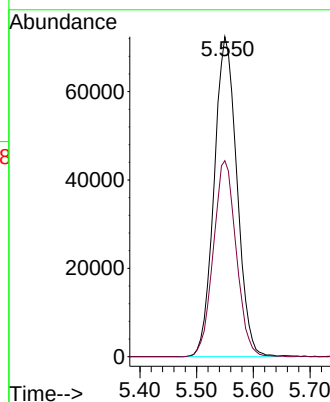
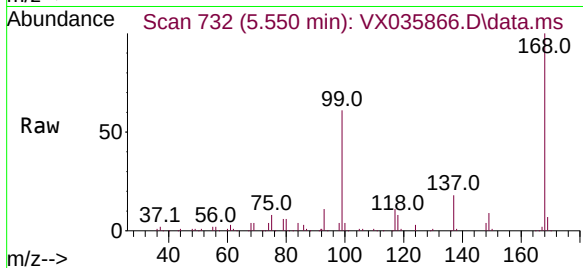




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

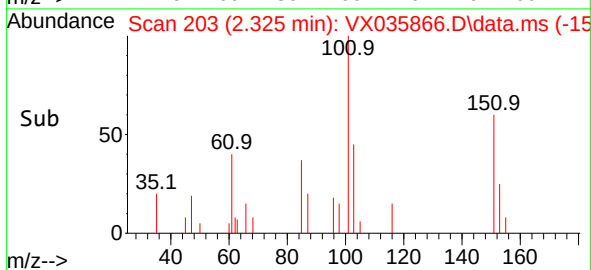
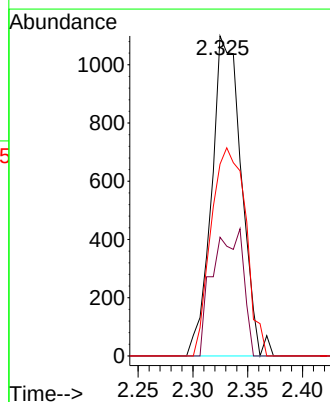
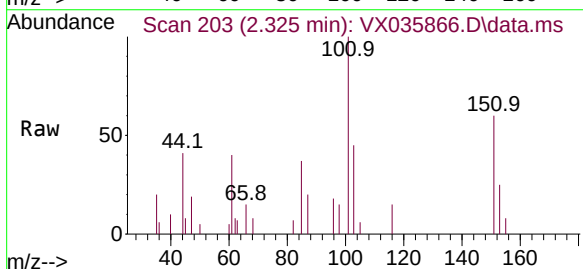
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

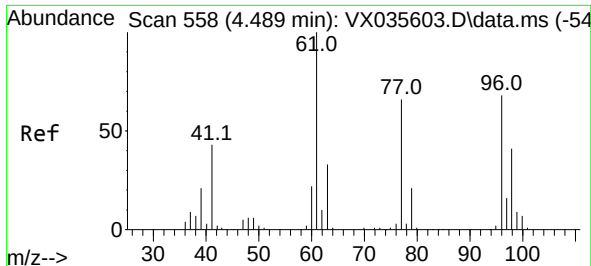
Tgt Ion:168 Resp: 202435
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.872 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion:101 Resp: 2069
Ion Ratio Lower Upper
101 100
85 40.8 35.4 53.2
151 75.8 60.2 90.4





#27

cis-1,2-Dichloroethene

Concen: 0.252 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX035866.D

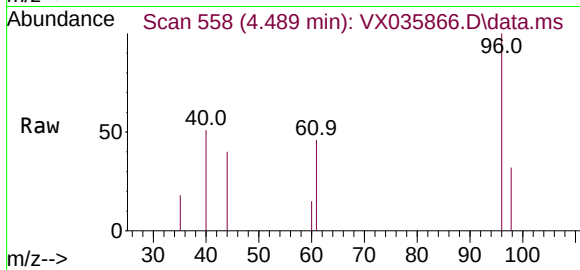
Acq: 25 May 2023 20:14

Instrument :

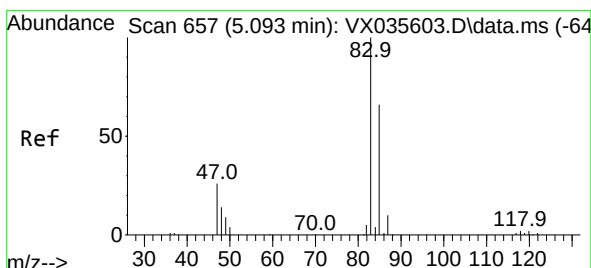
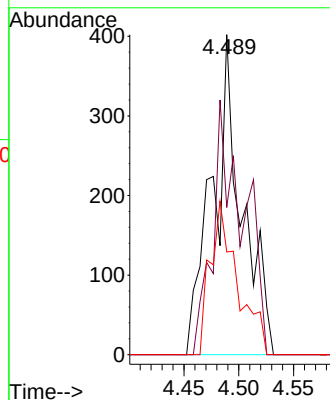
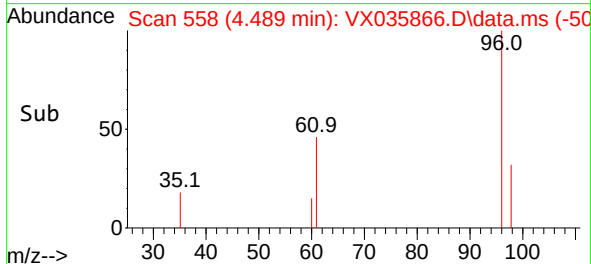
MSVOA_X

ClientSampleId :

TT172S1-20230523RE



Tgt Ion:	96	Resp:	748
Ion	Ratio	Lower	Upper
96	100		
61	82.2	0.0	300.4
98	44.4	0.0	129.0



#30

Chloroform

Concen: 0.249 ug/l

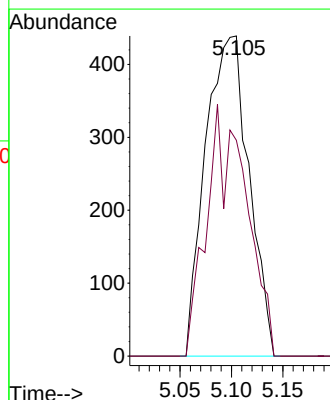
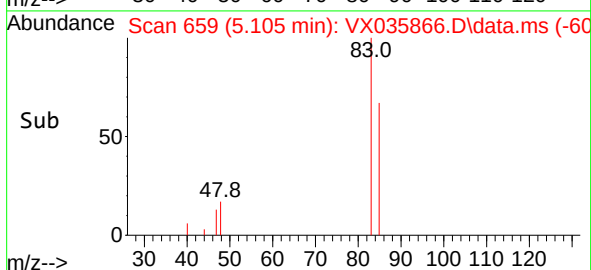
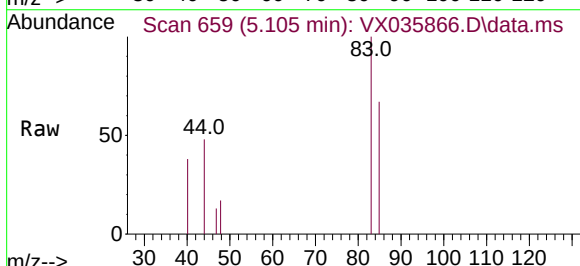
RT: 5.105 min Scan# 659

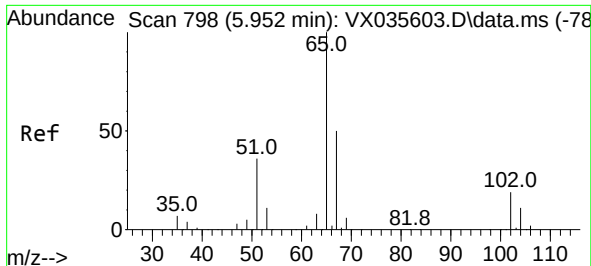
Delta R.T. 0.012 min

Lab File: VX035866.D

Acq: 25 May 2023 20:14

Tgt Ion:	83	Resp:	1292
Ion	Ratio	Lower	Upper
83	100		
85	67.4	50.6	76.0





#33

1,2-Dichloroethane-d4

Concen: 42.466 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035866.D

Acq: 25 May 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

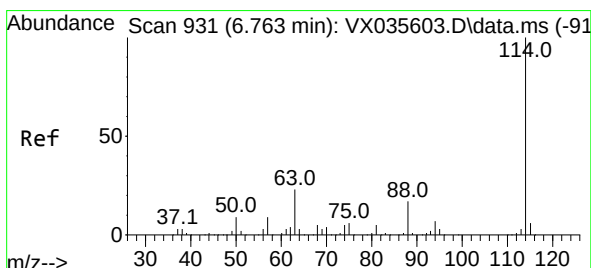
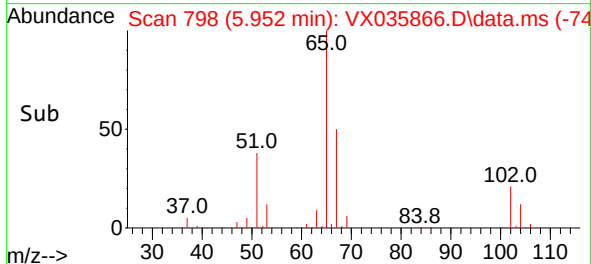
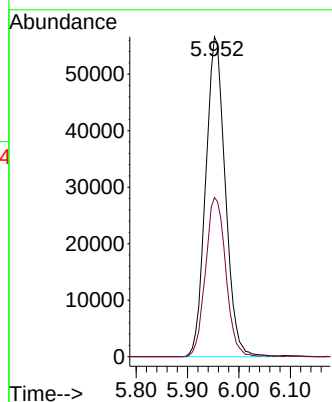
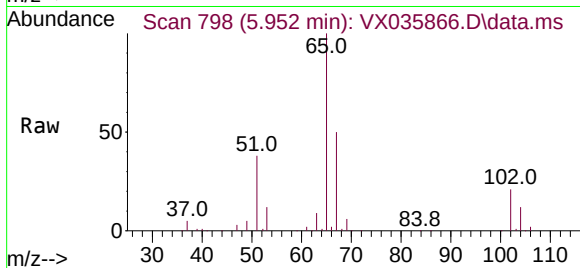
TT172S1-20230523RE

Tgt Ion: 65 Resp: 149972

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035866.D

Acq: 25 May 2023 20:14

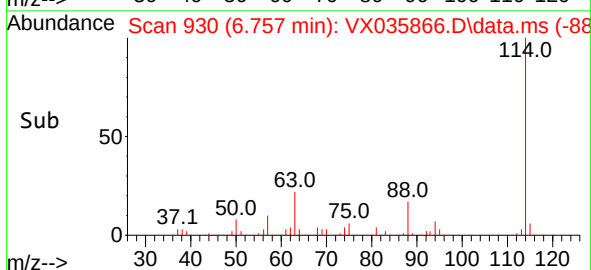
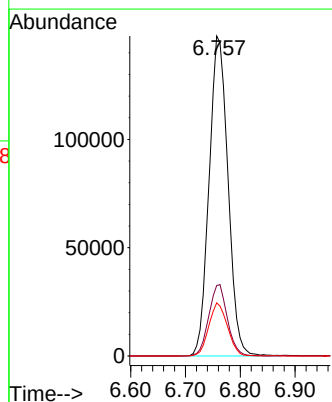
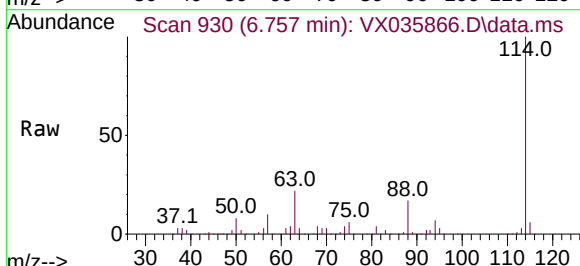
Tgt Ion: 114 Resp: 353074

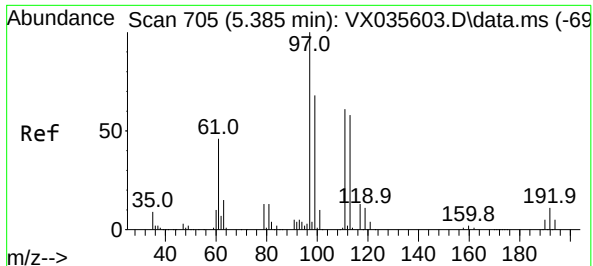
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.672 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035866.D

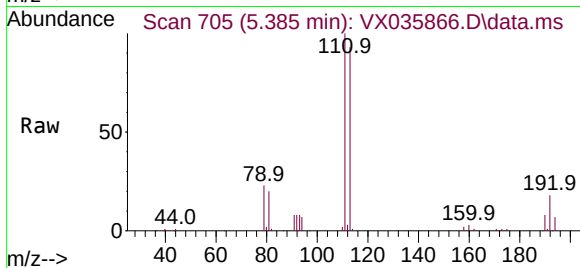
Acq: 25 May 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20230523RE



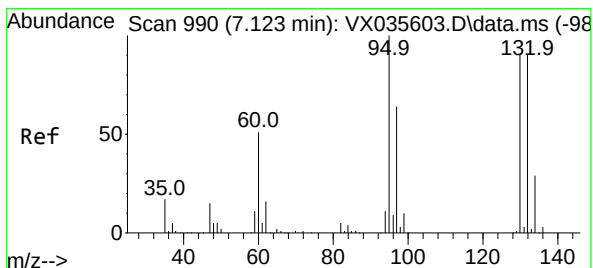
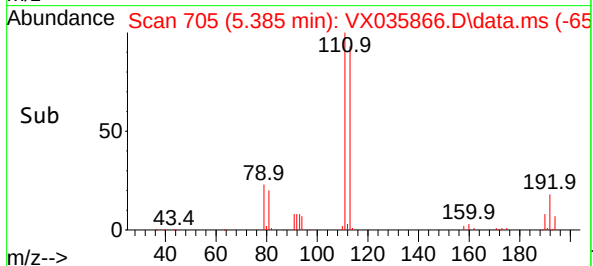
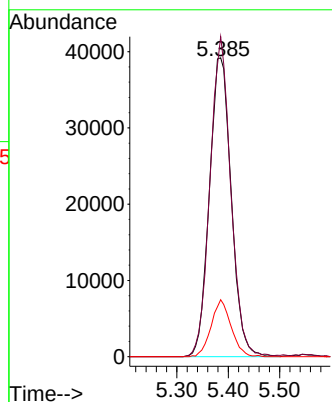
Tgt Ion:113 Resp: 115893

Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

192 17.4 15.4 23.2



#44

Trichloroethene

Concen: 24.372 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035866.D

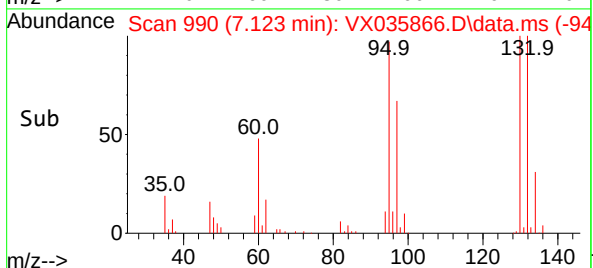
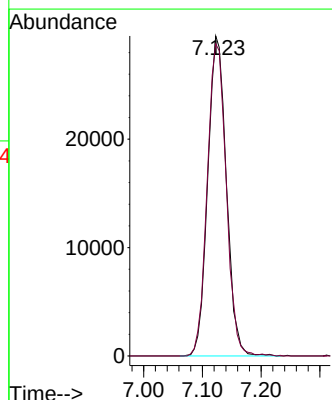
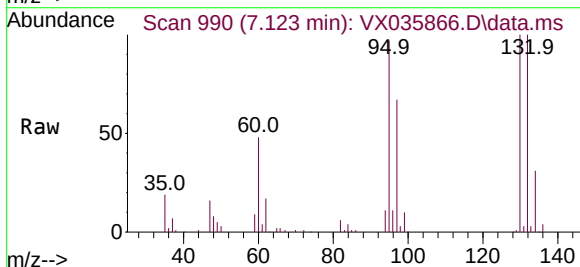
Acq: 25 May 2023 20:14

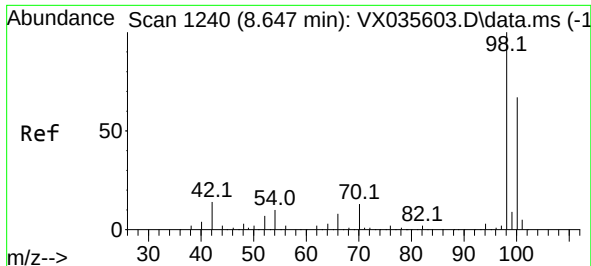
Tgt Ion:130 Resp: 64978

Ion Ratio Lower Upper

130 100

95 97.5 0.0 198.4

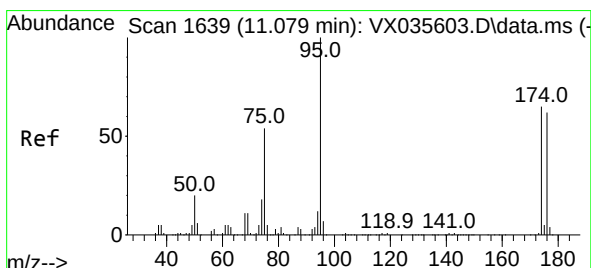
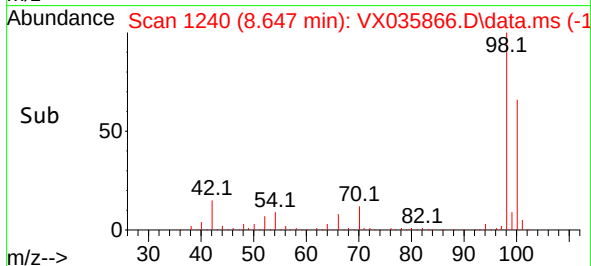
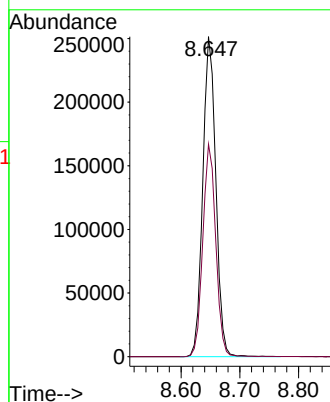
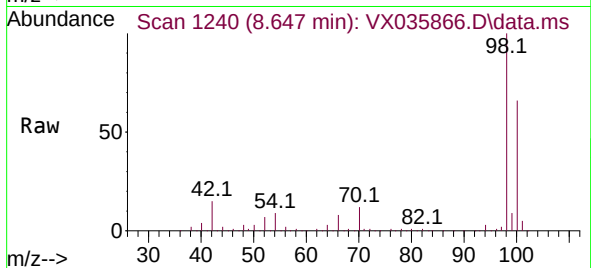




#50
Toluene-d8
Concen: 43.898 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

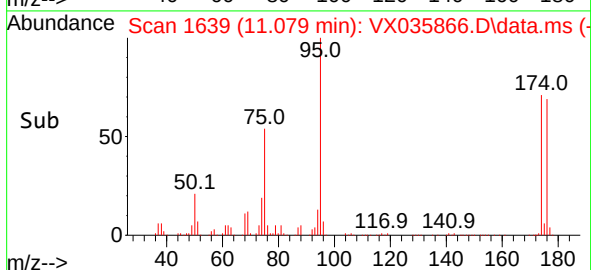
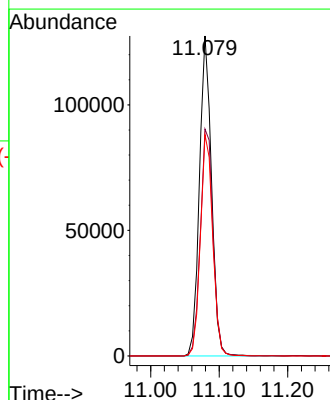
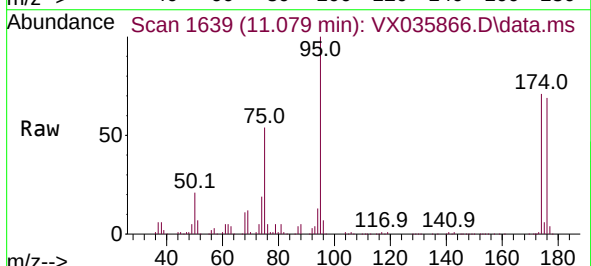
Instrument :
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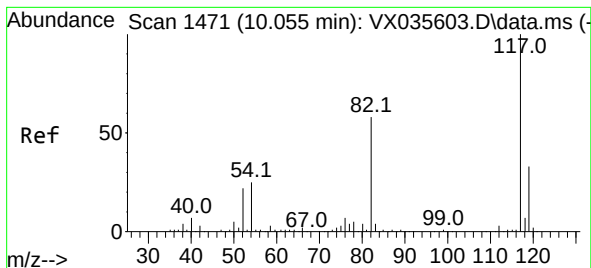
Tgt Ion: 98 Resp: 386147
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion: 95 Resp: 156374
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 70.5 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035866.D

Acq: 25 May 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20230523RE

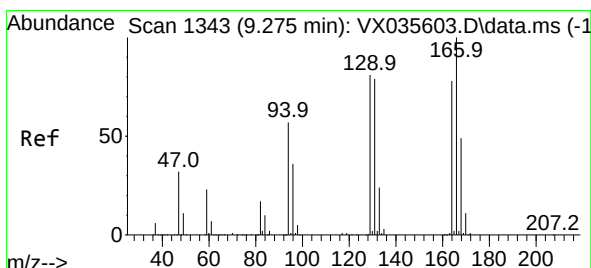
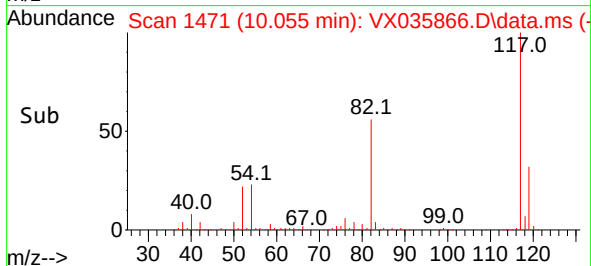
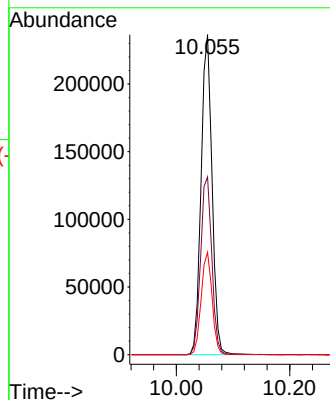
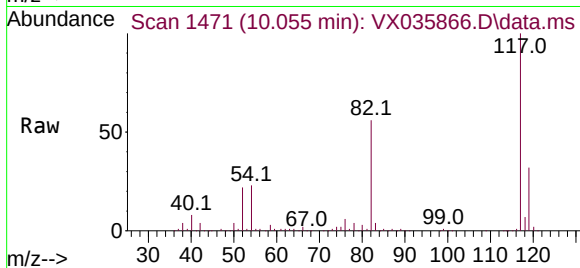
Tgt Ion:117 Resp: 315879

Ion Ratio Lower Upper

117 100

82 55.5 45.0 67.4

119 32.0 26.0 39.0



#64

Tetrachloroethene

Concen: 1.118 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035866.D

Acq: 25 May 2023 20:14

Tgt Ion:164 Resp: 2378

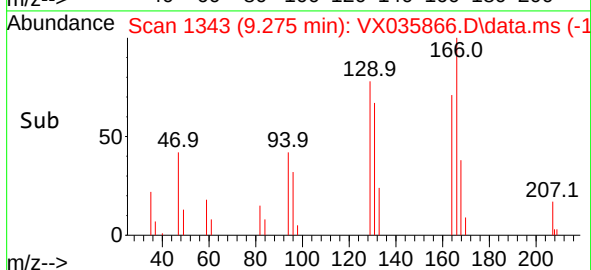
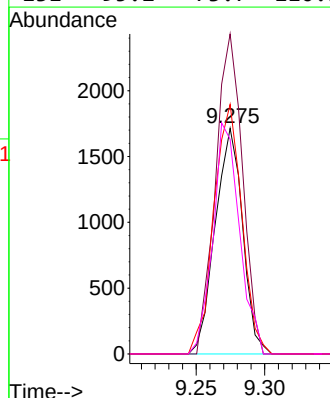
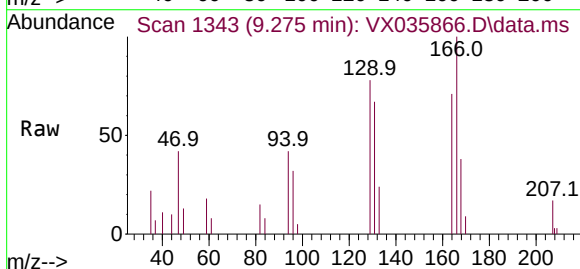
Ion Ratio Lower Upper

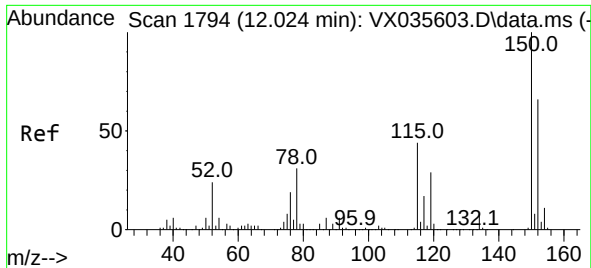
164 100

166 141.8 102.7 154.1

129 110.6 75.6 113.4

131 95.2 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035866.D

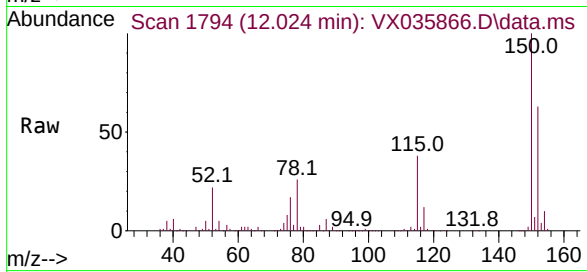
Acq: 25 May 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 150115

Ion Ratio Lower Upper

152 100

115 61.9 45.0 135.0

150 158.4 0.0 352.4

