

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040491.D
 Acq On : 27 Feb 2024 15:50
 Operator : JC/MD
 Sample : P1578-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221

Quant Time: Feb 28 02:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

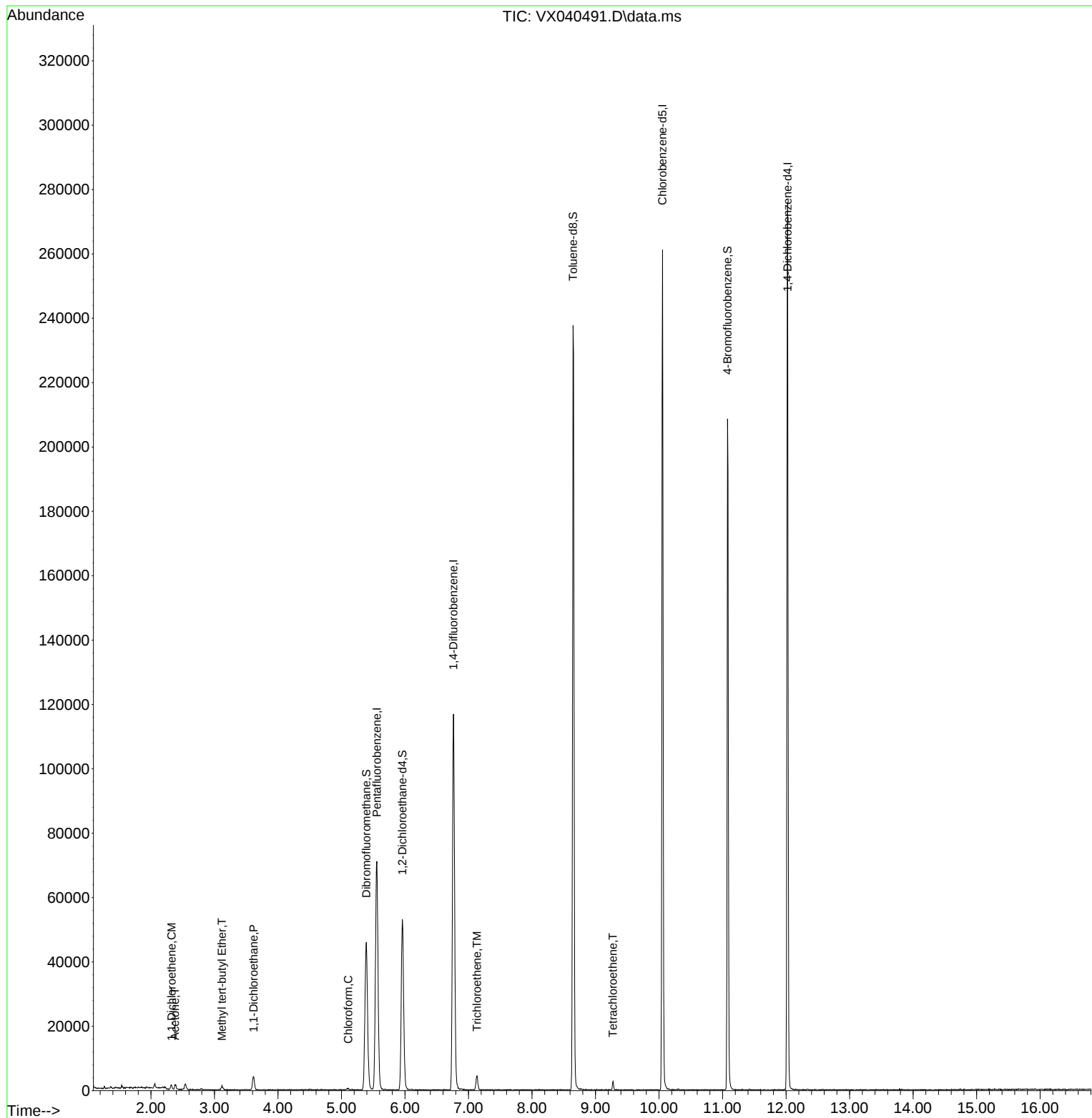
Internal Standards						
1) Pentafluorobenzene	5.556	168	61793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52043	50.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.700%	
35) Dibromofluoromethane	5.391	113	38450	50.130	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.260%	
50) Toluene-d8	8.647	98	138126	49.611	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	11.079	95	52938	49.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	404	0.574	ug/l #	81
16) Acetone	2.379	43	1901	5.640	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	1199	0.499	ug/l	92
24) 1,1-Dichloroethane	3.617	63	4440	3.076	ug/l	98
30) Chloroform	5.105	83	660	0.431	ug/l #	60
44) Trichloroethene	7.135	130	1444	1.678	ug/l	98
64) Tetrachloroethene	9.274	164	486	0.650	ug/l #	67

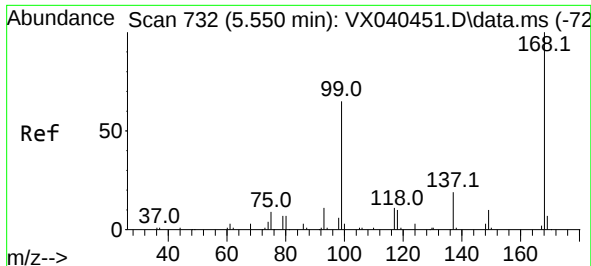
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX040491.D

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Instrument :

MSVOA_X

ClientSampleId :

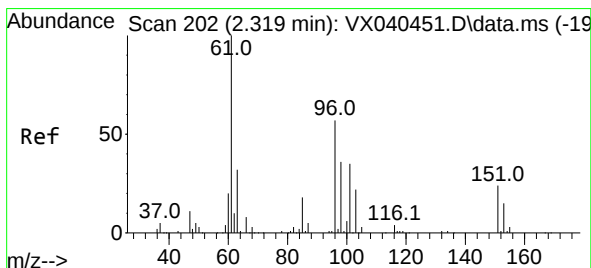
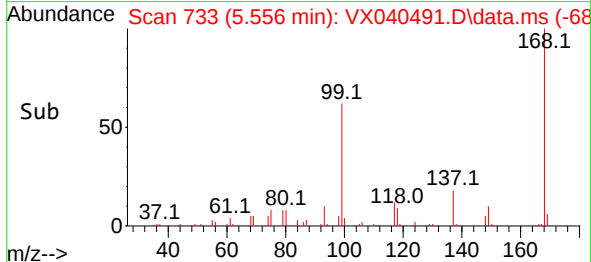
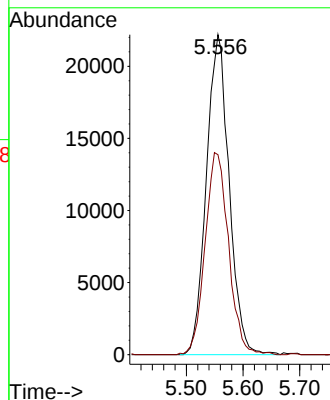
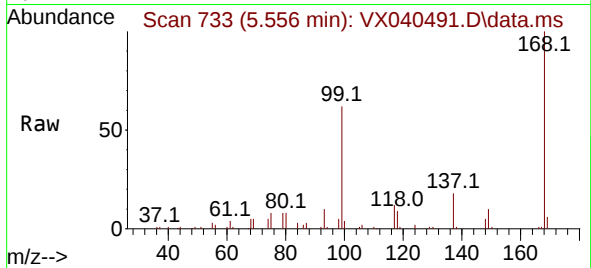
TT161S1-20240221

Tgt Ion:168 Resp: 61793

Ion Ratio Lower Upper

168 100

99 62.5 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.574 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX040491.D

Acq: 27 Feb 2024 15:50

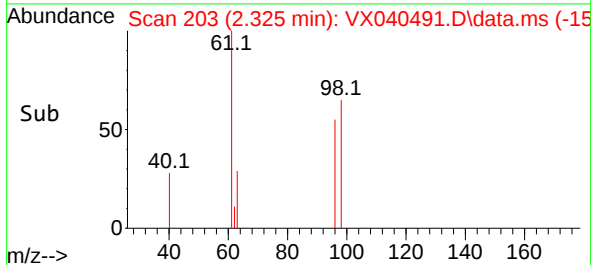
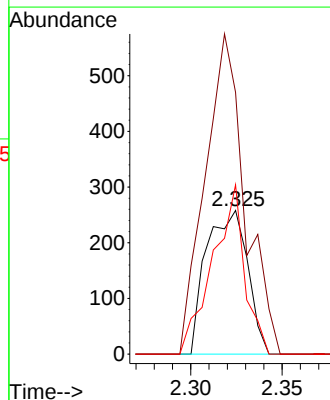
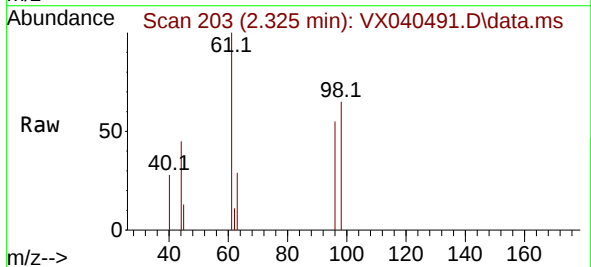
Tgt Ion: 96 Resp: 404

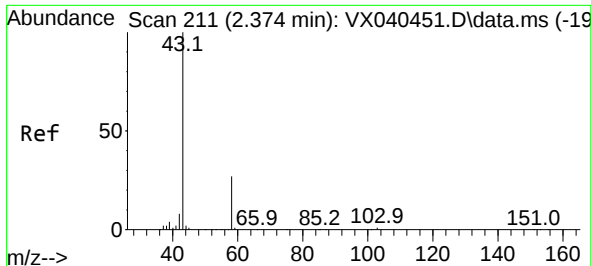
Ion Ratio Lower Upper

96 100

61 182.2 144.6 216.8

98 117.8 50.4 75.6#





#16

Acetone

Concen: 5.640 ug/l

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040491.D

Acq: 27 Feb 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

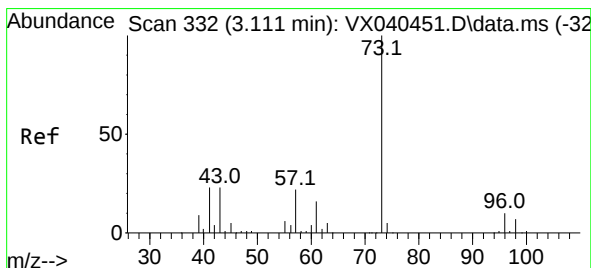
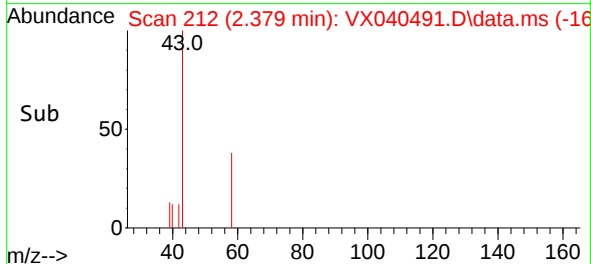
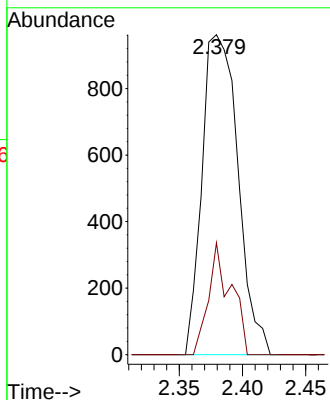
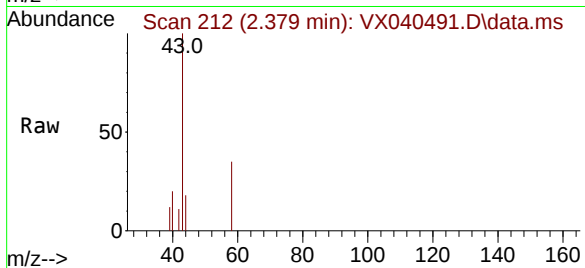
TT161S1-20240221

Tgt Ion: 43 Resp: 1901

Ion Ratio Lower Upper

43 100

58 34.9 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 0.499 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX040491.D

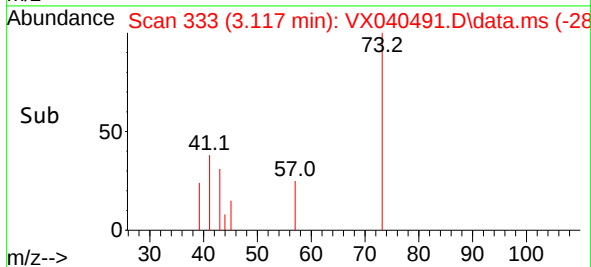
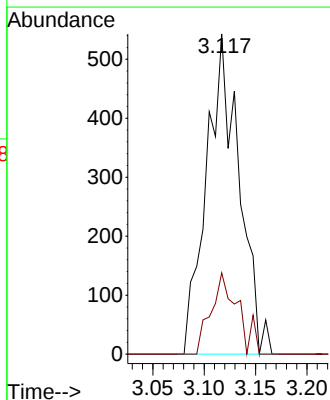
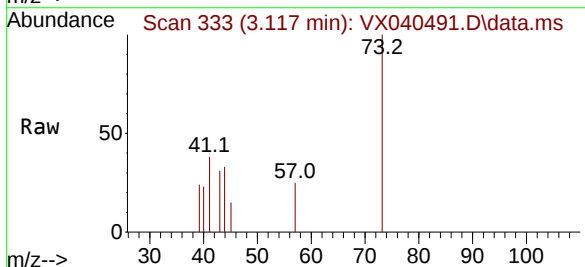
Acq: 27 Feb 2024 15:50

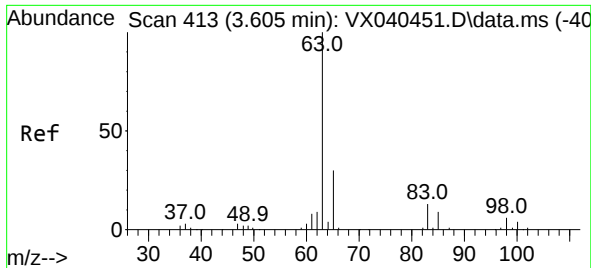
Tgt Ion: 73 Resp: 1199

Ion Ratio Lower Upper

73 100

57 25.4 17.3 25.9

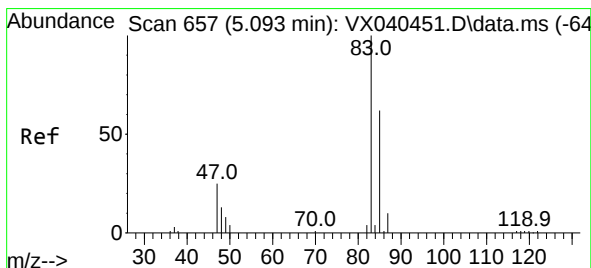
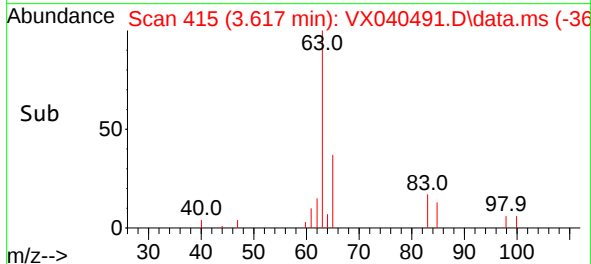
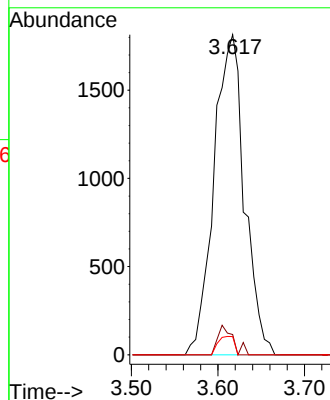
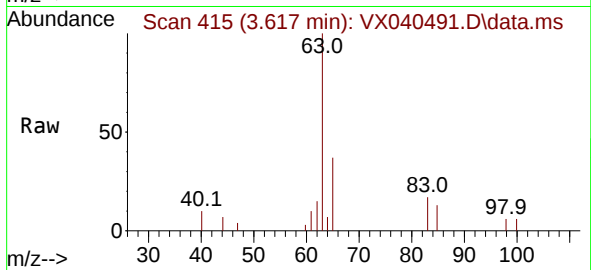




#24
1,1-Dichloroethane
Concen: 3.076 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.012 min
Lab File: VX040491.D
Acq: 27 Feb 2024 15:50

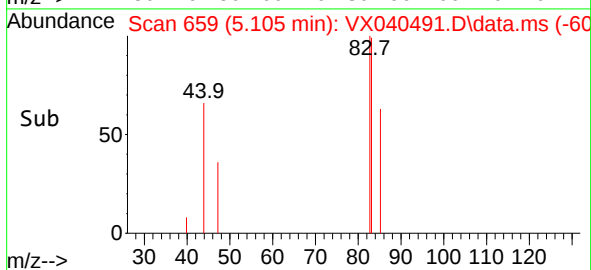
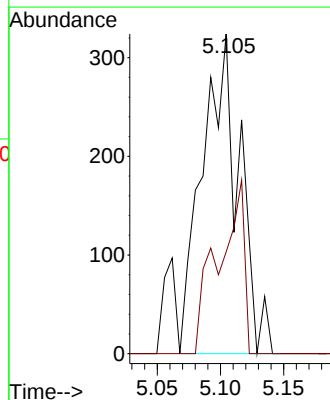
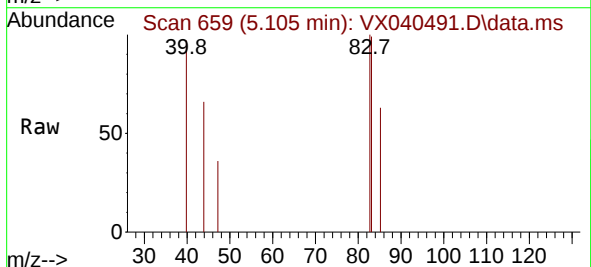
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

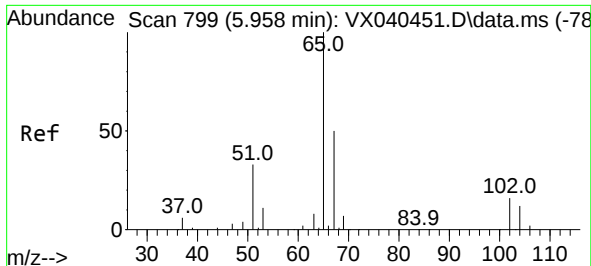
Tgt Ion: 63 Resp: 4440
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.8
100 5.7 2.1 6.5



#30
Chloroform
Concen: 0.431 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX040491.D
Acq: 27 Feb 2024 15:50

Tgt Ion: 83 Resp: 660
Ion Ratio Lower Upper
83 100
85 31.8 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 50.355 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040491.D

Acq: 27 Feb 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

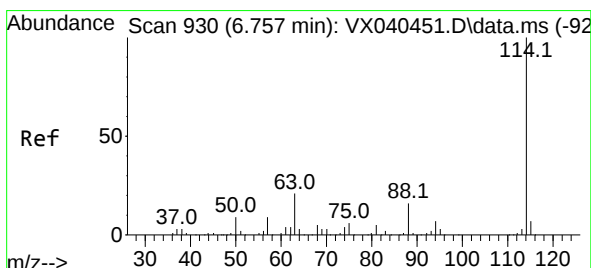
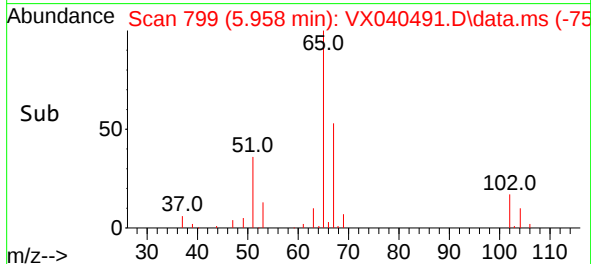
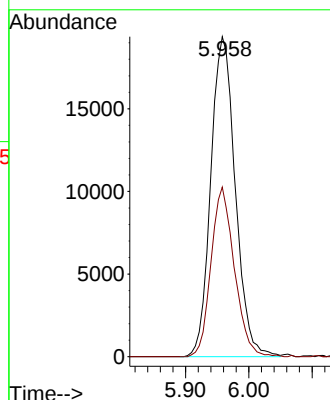
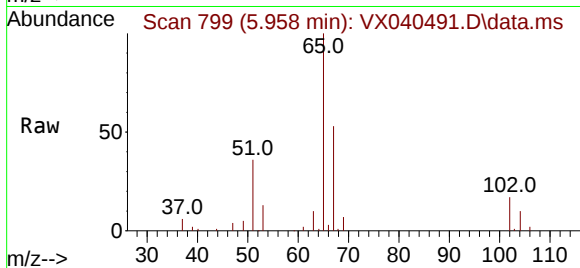
TT161S1-20240221

Tgt Ion: 65 Resp: 52043

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040491.D

Acq: 27 Feb 2024 15:50

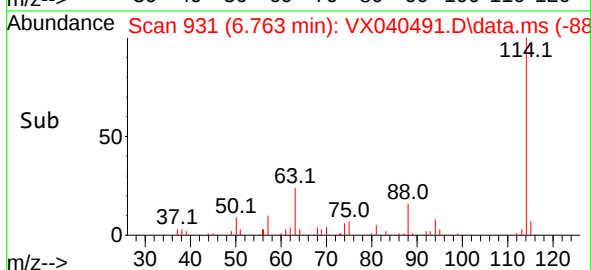
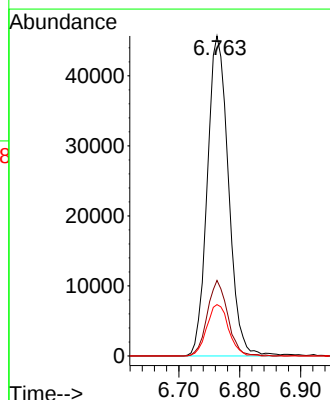
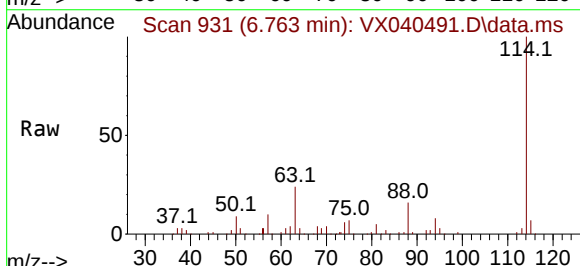
Tgt Ion: 114 Resp: 110299

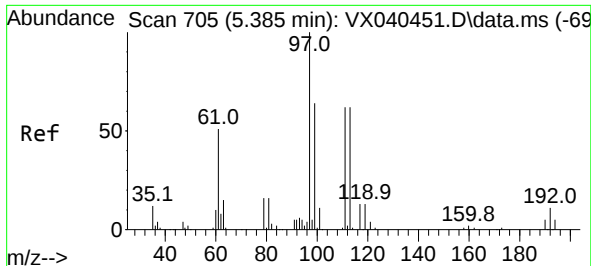
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 16.1 0.0 36.6

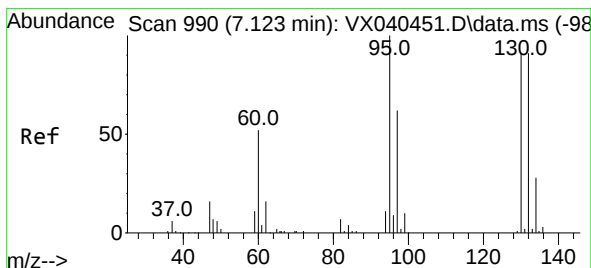
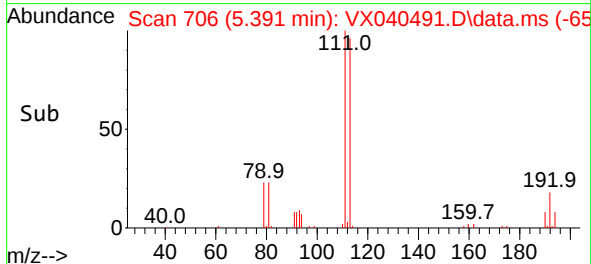
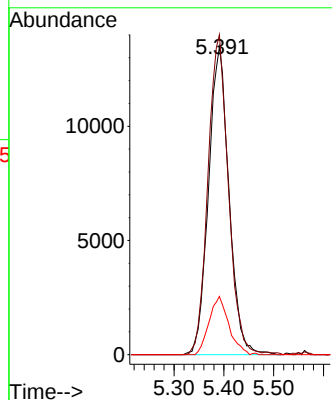
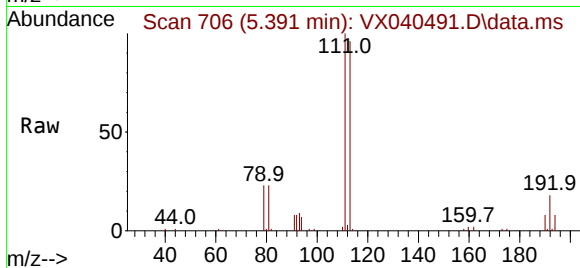




#35
Dibromofluoromethane
Concen: 50.130 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040491.D
Acq: 27 Feb 2024 15:50

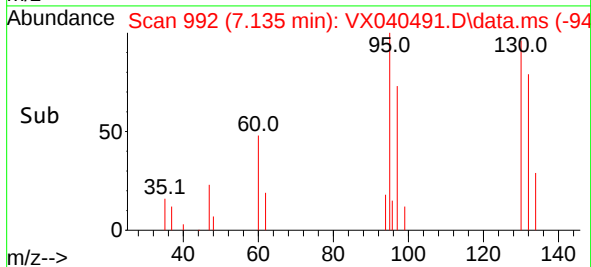
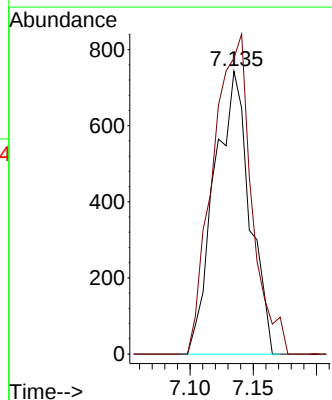
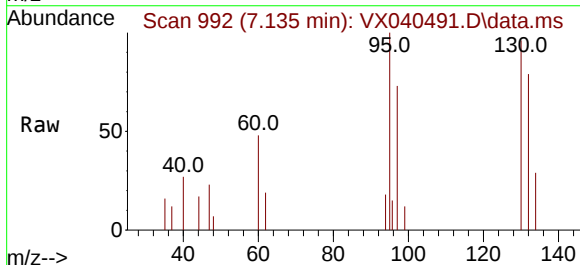
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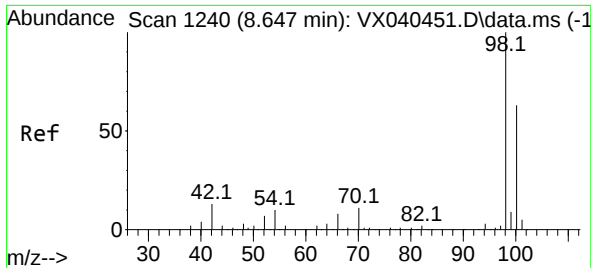
Tgt Ion:113 Resp: 38450
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.3 13.3 19.9



#44
Trichloroethene
Concen: 1.678 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX040491.D
Acq: 27 Feb 2024 15:50

Tgt Ion:130 Resp: 1444
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.4

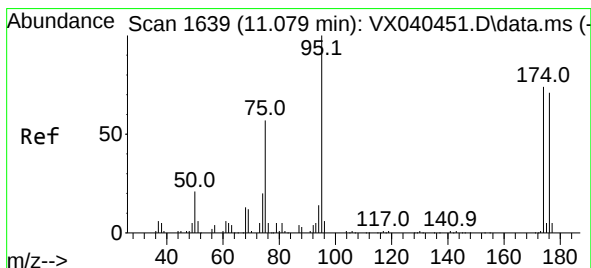
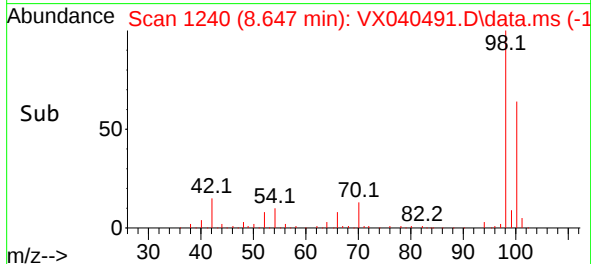
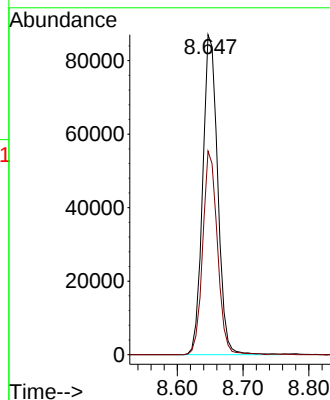
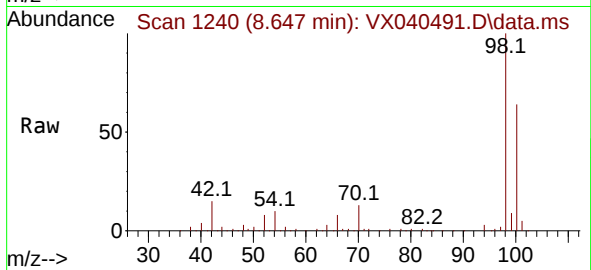




#50
Toluene-d8
Concen: 49.611 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040491.D
Acq: 27 Feb 2024 15:50

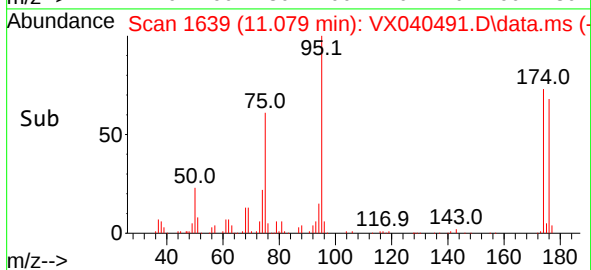
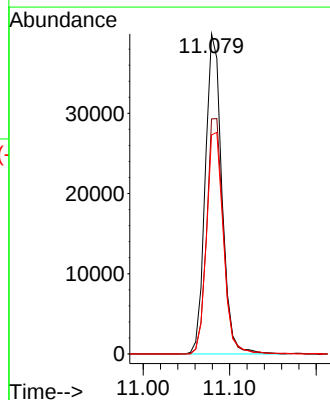
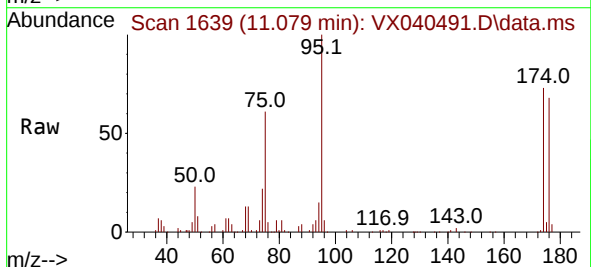
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MSVOA_X
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TT161S1-20240221

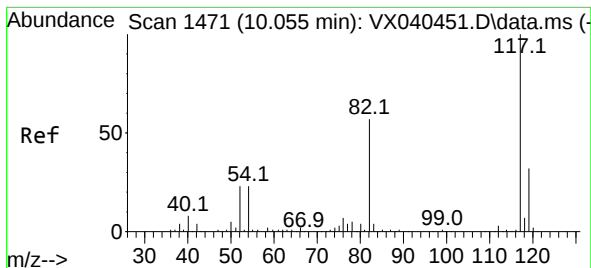
Tgt Ion: 98 Resp: 138126
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040491.D
Acq: 27 Feb 2024 15:50

Tgt Ion: 95 Resp: 52938
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 70.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040491.D

Acq: 27 Feb 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221

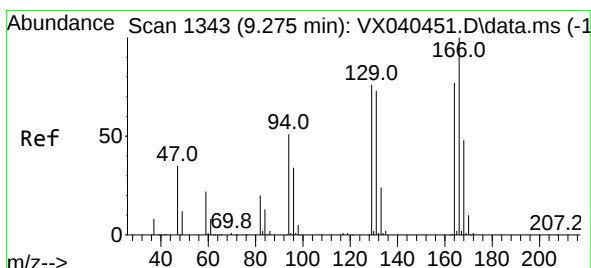
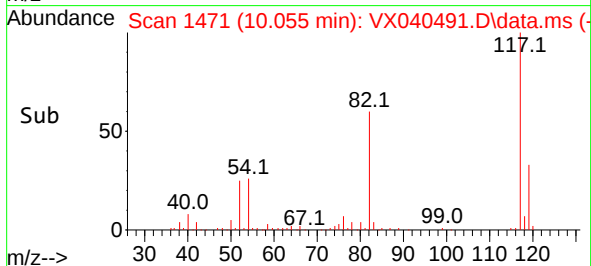
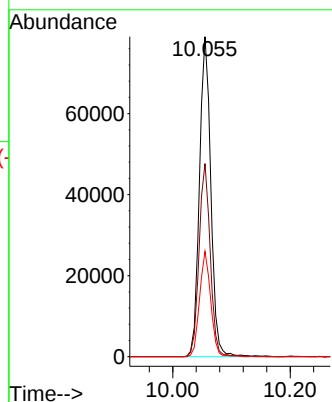
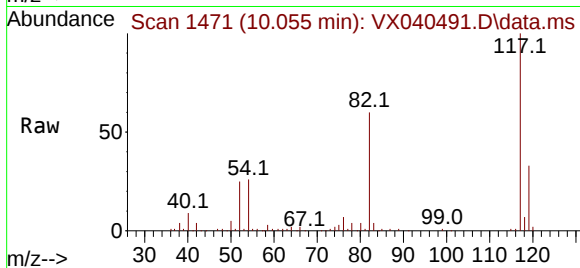
Tgt Ion:117 Resp: 106425

Ion Ratio Lower Upper

117 100

82 60.4 46.2 69.4

119 32.9 25.5 38.3



#64

Tetrachloroethene

Concen: 0.650 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040491.D

Acq: 27 Feb 2024 15:50

Tgt Ion:164 Resp: 486

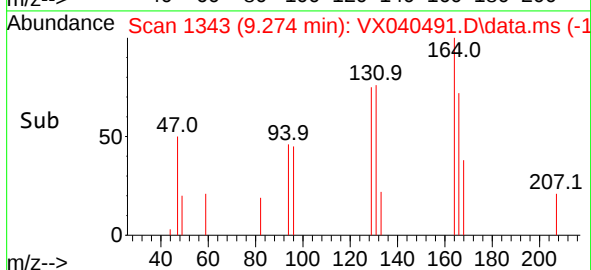
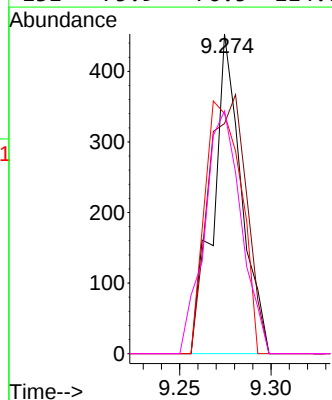
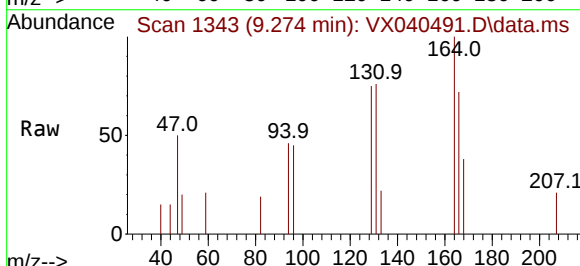
Ion Ratio Lower Upper

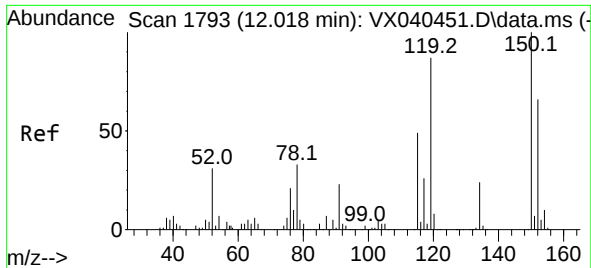
164 100

166 72.0 102.7 154.1#

129 75.1 80.4 120.6#

131 75.9 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040491.D

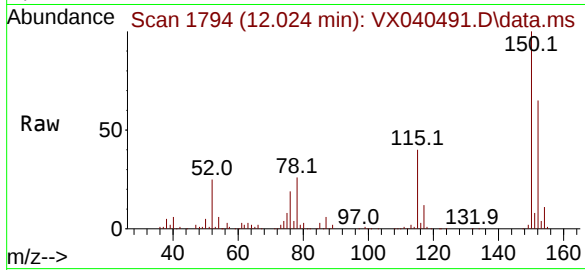
Acq: 27 Feb 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221



Tgt Ion:152 Resp: 53400

Ion Ratio Lower Upper

152 100

115 63.6 43.3 129.9

150 158.3 0.0 345.0

