

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029669.D
 Acq On : 21 Jun 2022 18:06
 Operator : JC/MD
 Sample : N3342-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220610

Quant Time: Jun 22 01:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

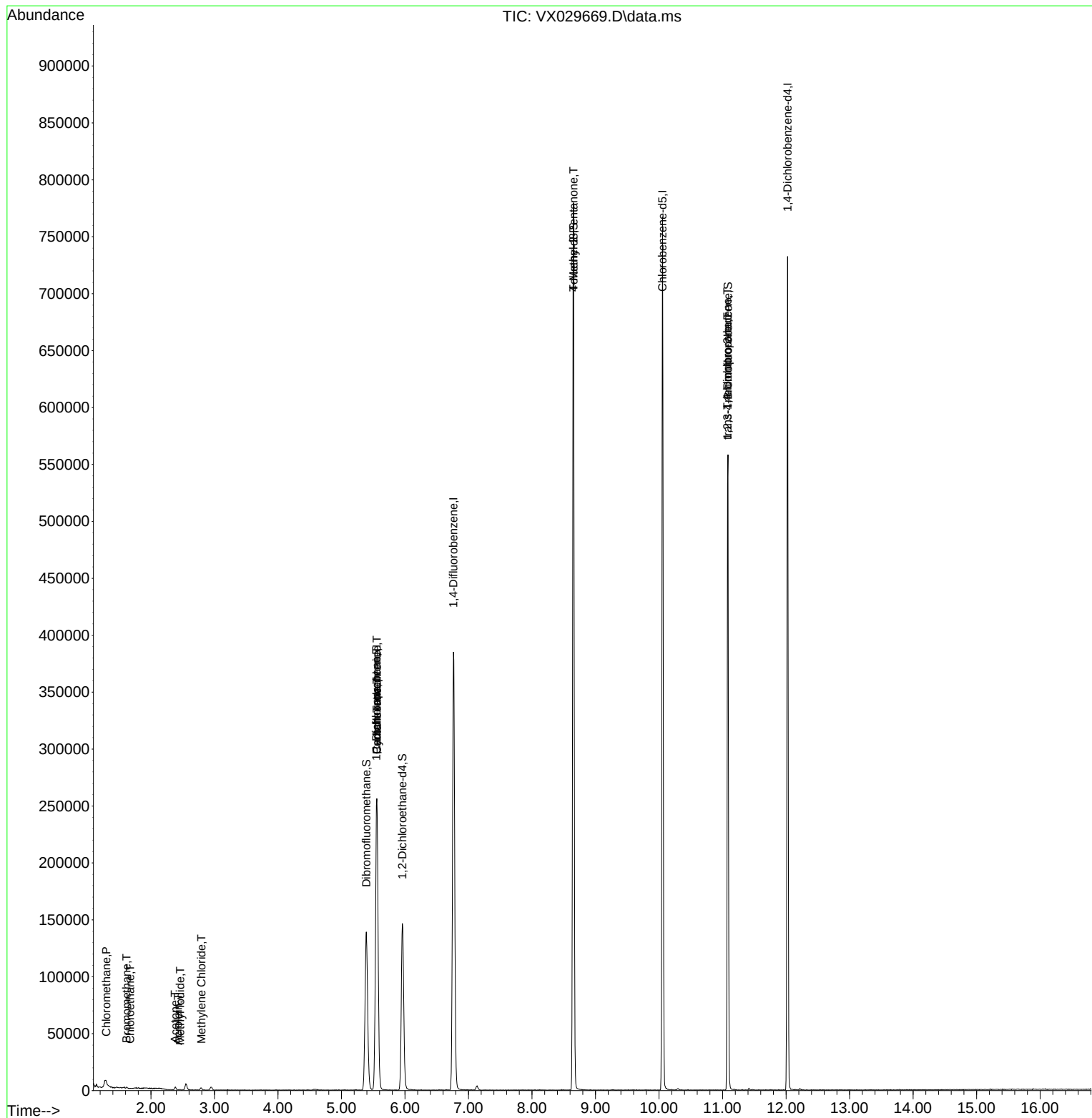
Internal Standards						
1) Pentafluorobenzene	5.556	168	245727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141084	43.374	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.740%
35) Dibromofluoromethane	5.391	113	125205	46.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.653	98	471578	47.564	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.120%
62) 4-Bromofluorobenzene	11.085	95	163251	43.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.320%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1215	0.379	ug/l	98
5) Bromomethane	1.618	94	563	0.374	ug/l #	70
6) Chloroethane	1.672	64	35	1.308	ug/l #	43
10) Methyl Iodide	2.459	142	308	3.116	ug/l #	65
11) Tert butyl alcohol	2.947	59	1824	Below Cal	#	72
13) Acrolein	2.428	56	53	0.296	ug/l #	15
16) Acetone	2.380	43	2734	2.109	ug/l	96
20) Methylene Chloride	2.794	84	864	0.299	ug/l #	80
31) Cyclohexane	5.556	56	4657	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18469	5.028	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24715	6.842	ug/l #	15
44) Trichloroethene	7.135	130	1738	Below Cal		95
51) 4-Methyl-2-Pentanone	8.653	43	1631	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	78115	23.733	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	78115	78.955	ug/l #	15

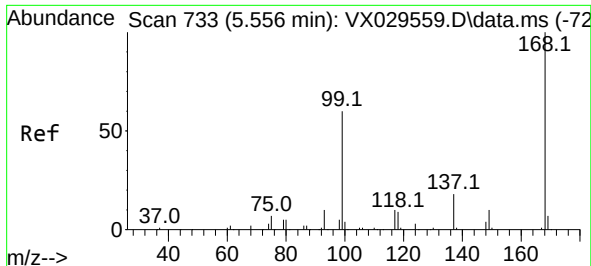
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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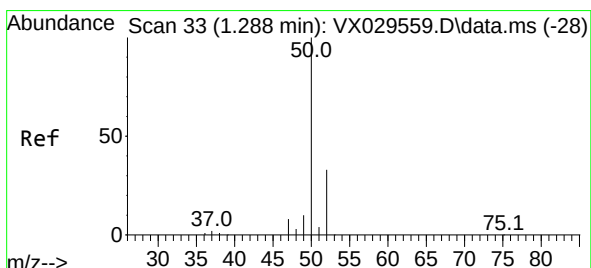
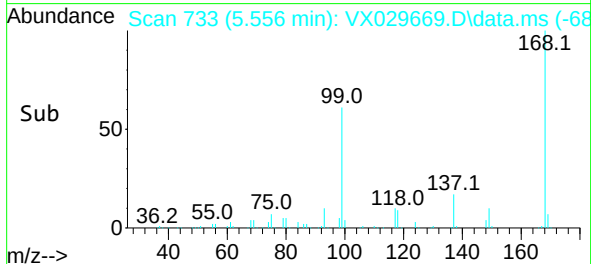
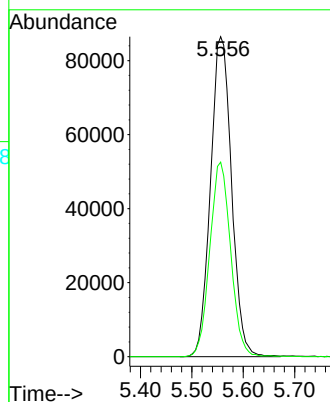
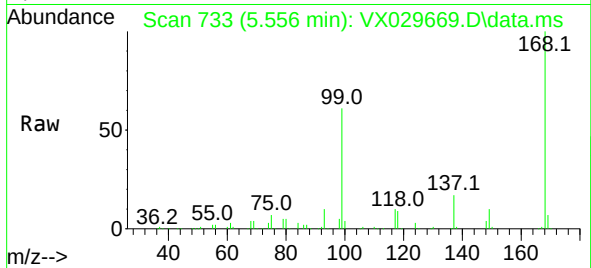




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

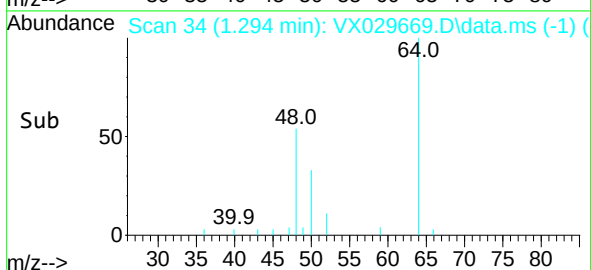
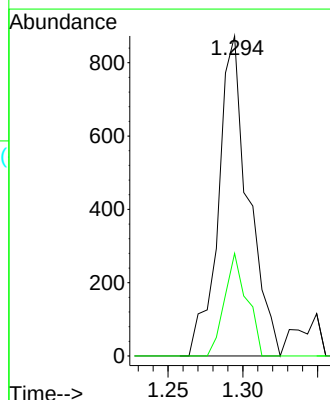
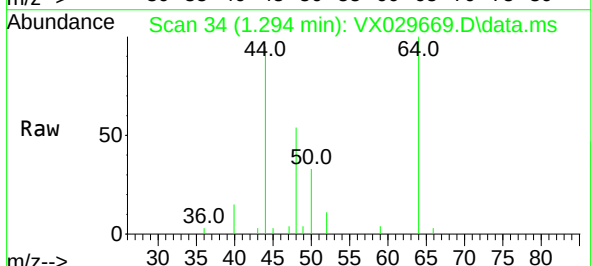
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220610

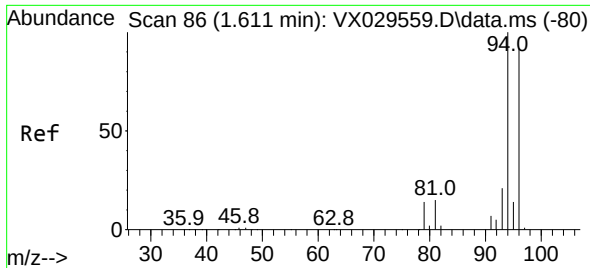
Tgt Ion:168 Resp: 245727
Ion Ratio Lower Upper
168 100
99 60.8 41.7 62.5



#3
Chloromethane
Concen: 0.379 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

Tgt Ion: 50 Resp: 1215
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6

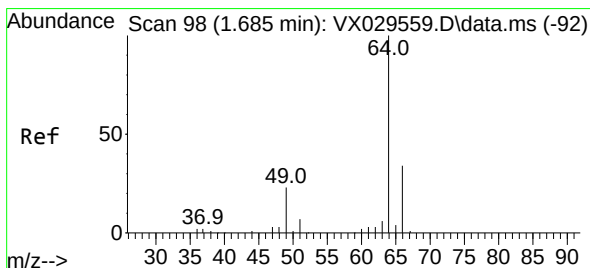
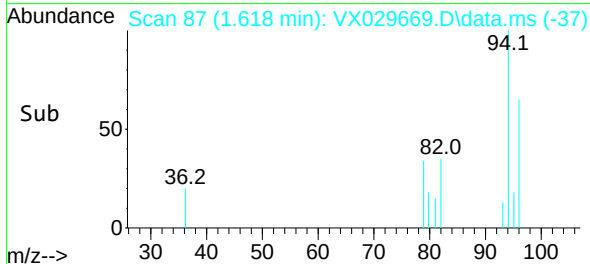
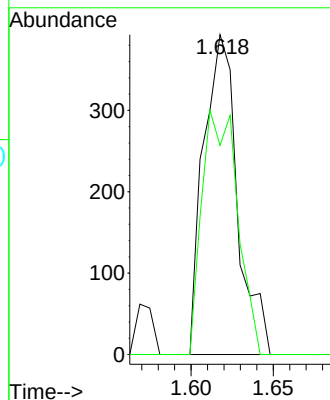
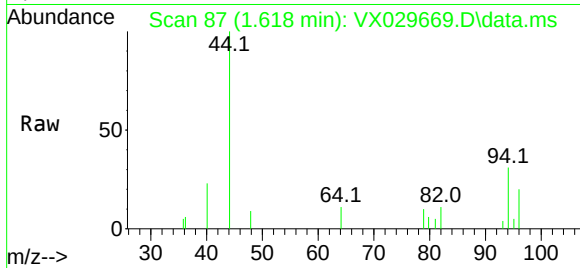




#5
Bromomethane
Concen: 0.374 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

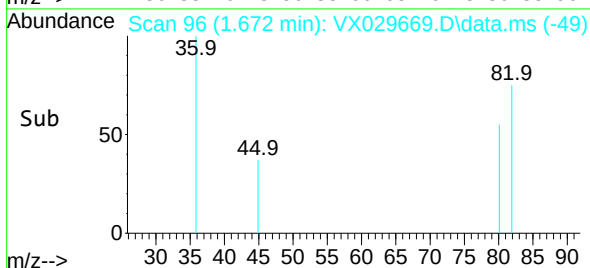
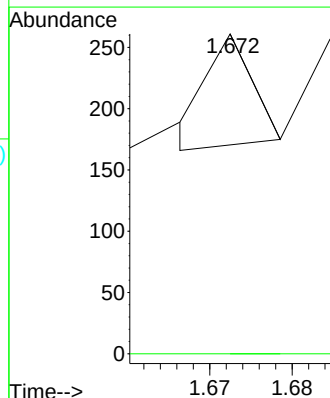
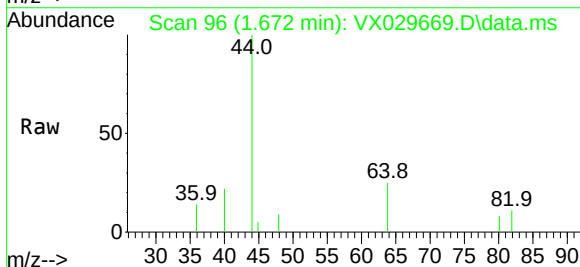
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220610

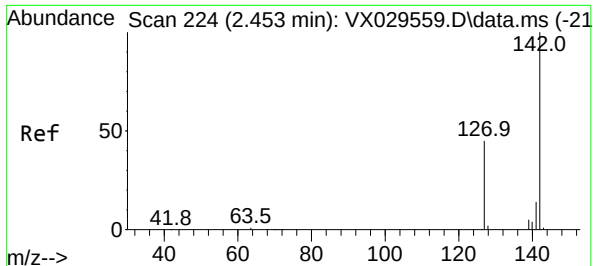
Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 65.4 75.3 112.9#



#6
Chloroethane
Concen: 1.308 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

Tgt Ion: 64 Resp: 35
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

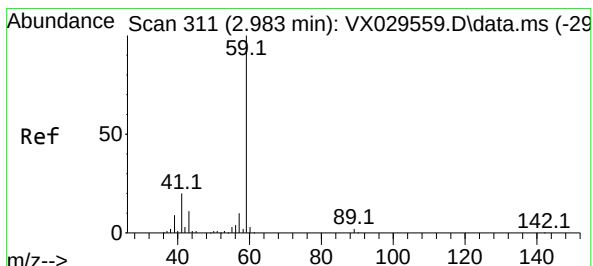
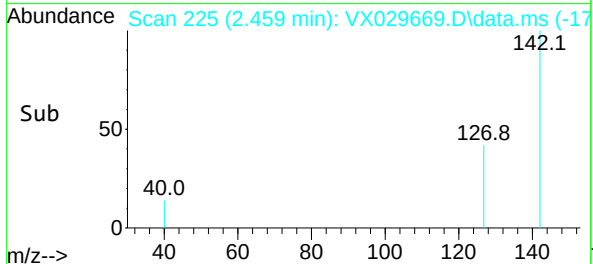
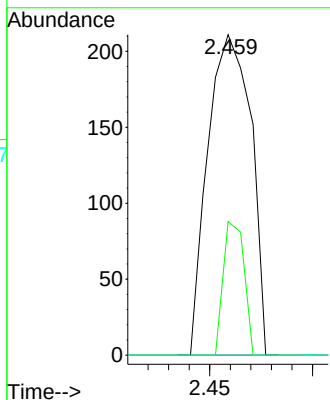
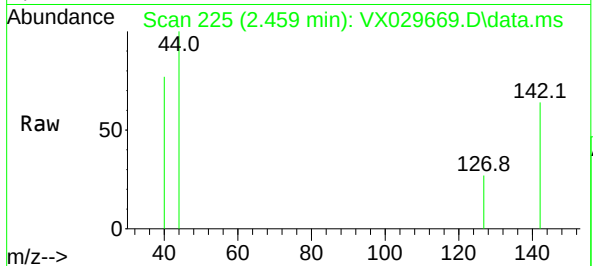




#10
Methyl Iodide
Concen: 3.116 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

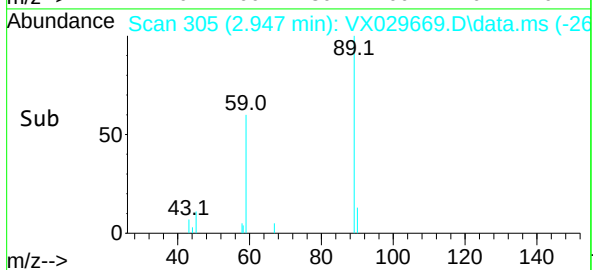
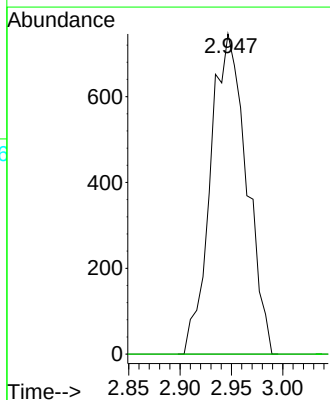
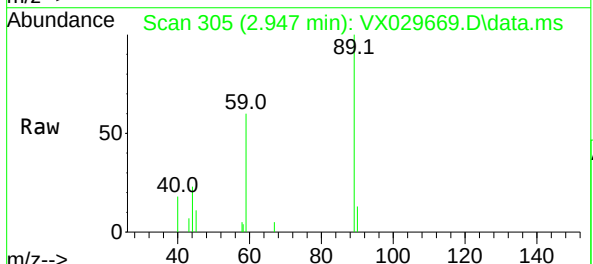
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220610

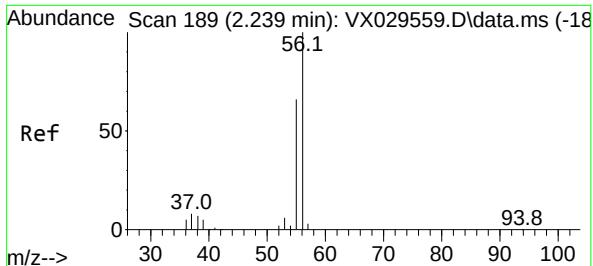
Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
127 20.1 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

Tgt Ion: 59 Resp: 1824
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.296 ug/l

RT: 2.428 min Scan# 21

Delta R.T. 0.189 min

Lab File: VX029669.D

Acq: 21 Jun 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

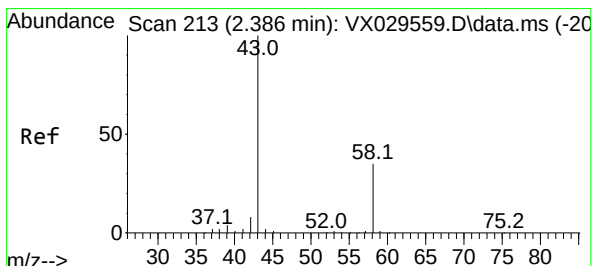
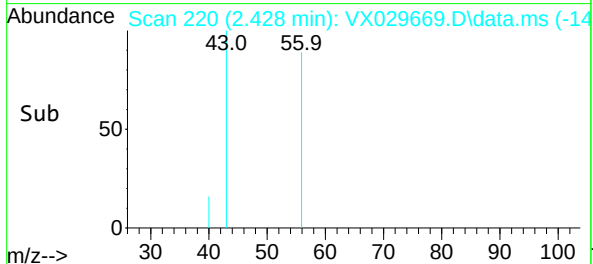
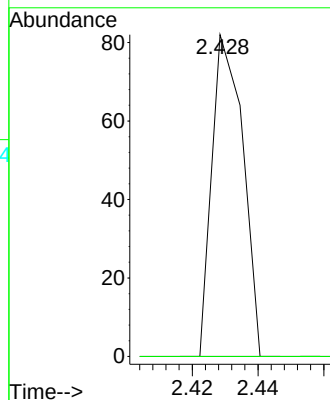
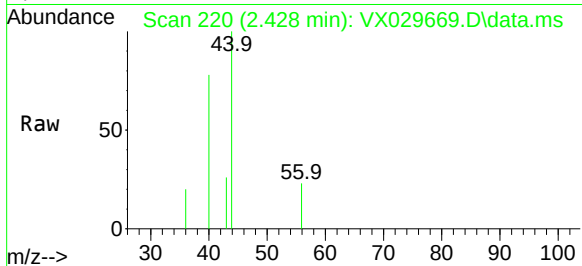
BP-TT-TB-20220610

Tgt Ion: 56 Resp: 53

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#



#16

Acetone

Concen: 2.109 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX029669.D

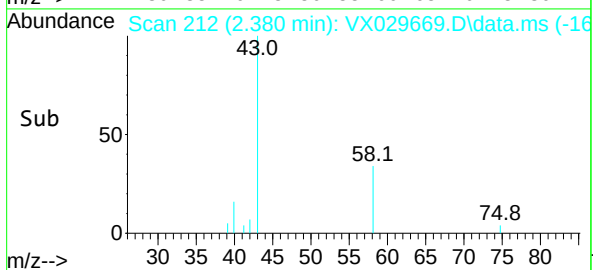
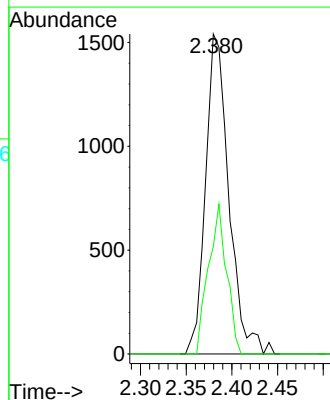
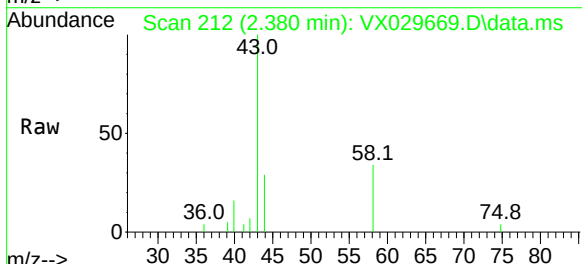
Acq: 21 Jun 2022 18:06

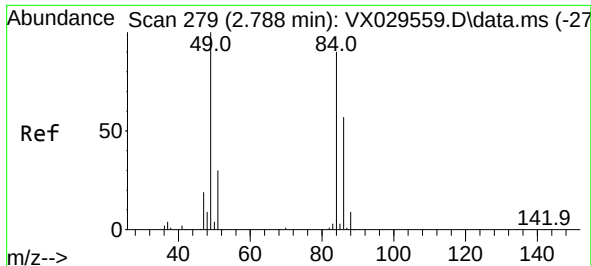
Tgt Ion: 43 Resp: 2734

Ion Ratio Lower Upper

43 100

58 33.5 28.8 43.2

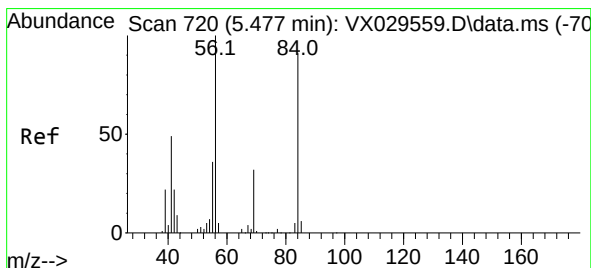
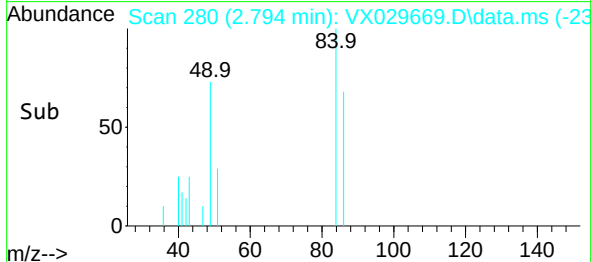
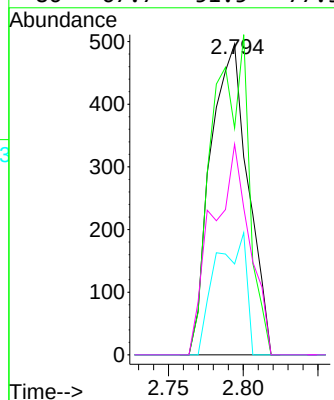
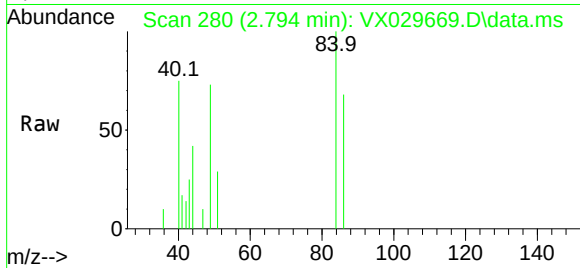




#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

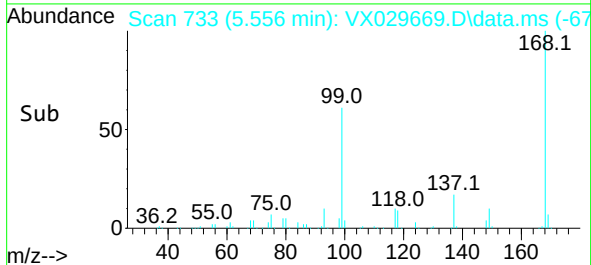
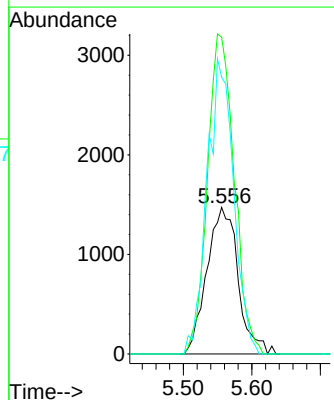
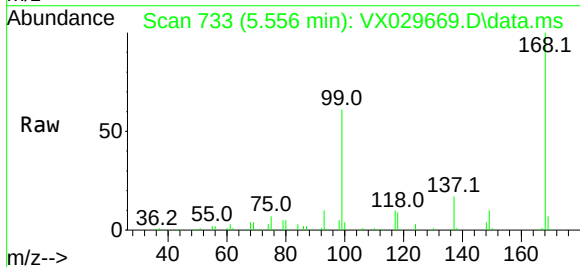
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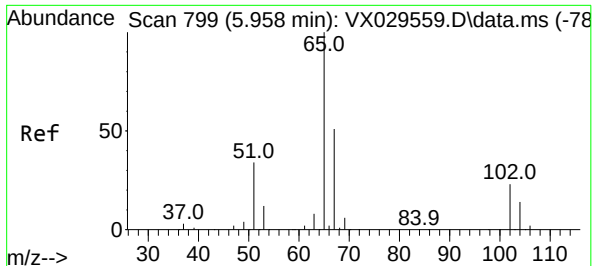
Tgt Ion:	84	Resp:	864
Ion	Ratio	Lower	Upper
84	100		
49	73.0	85.5	128.3#
51	29.2	26.6	39.8
86	67.7	51.5	77.3



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

Tgt Ion:	56	Resp:	4657
Ion	Ratio	Lower	Upper
56	100		
69	216.1	26.7	40.1#
84	188.7	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.374 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029669.D

Acq: 21 Jun 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

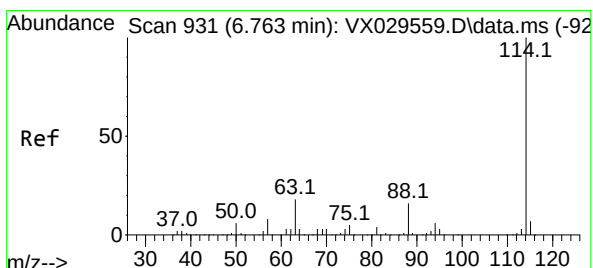
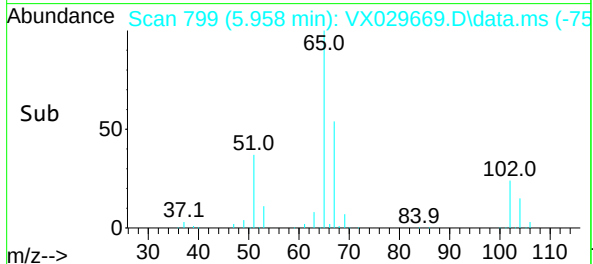
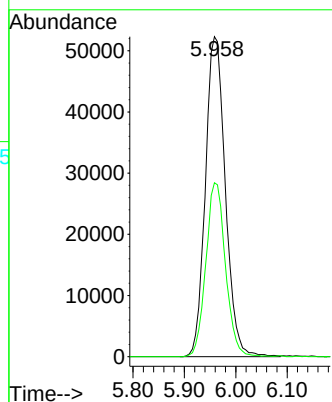
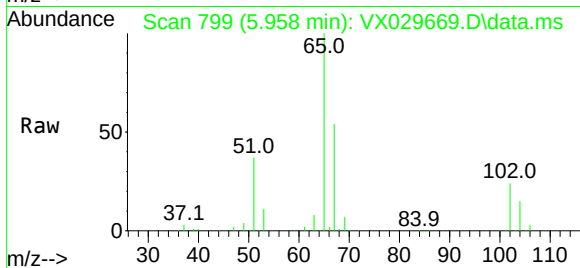
BP-TT-TB-20220610

Tgt Ion: 65 Resp: 141084

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029669.D

Acq: 21 Jun 2022 18:06

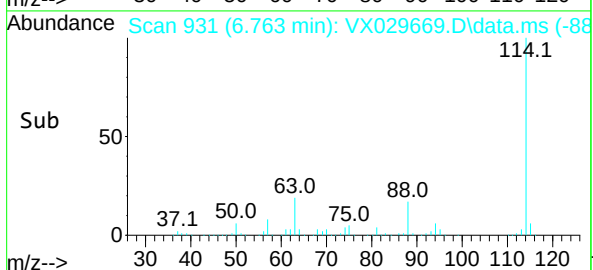
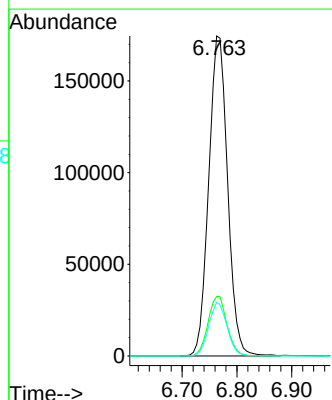
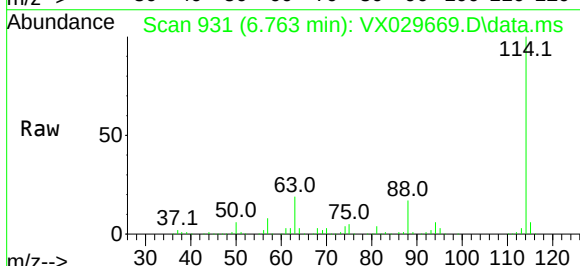
Tgt Ion: 114 Resp: 416448

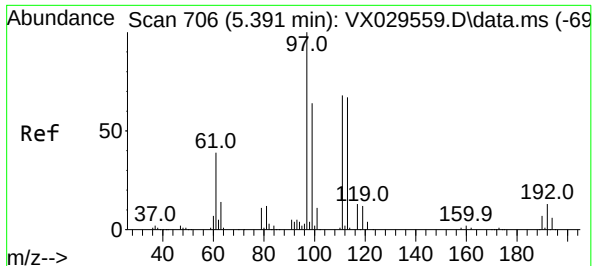
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.134 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029669.D

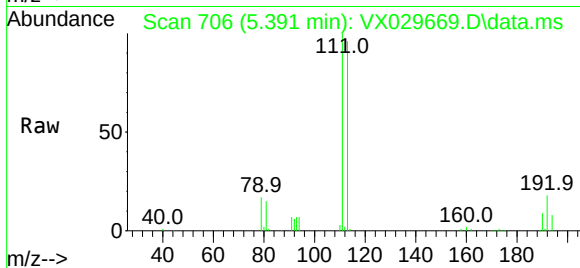
Acq: 21 Jun 2022 18:06

Instrument :

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ClientSampleId :

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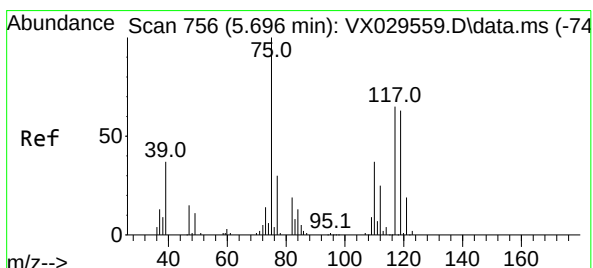
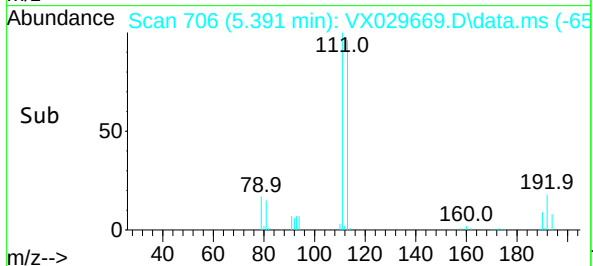
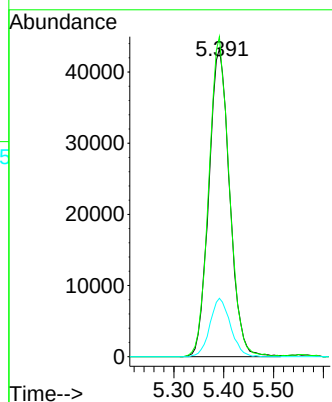
Tgt Ion:113 Resp: 125205

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 18.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.028 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029669.D

Acq: 21 Jun 2022 18:06

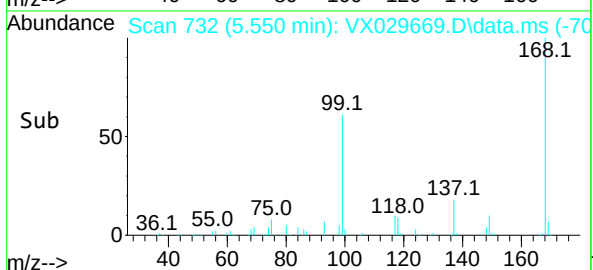
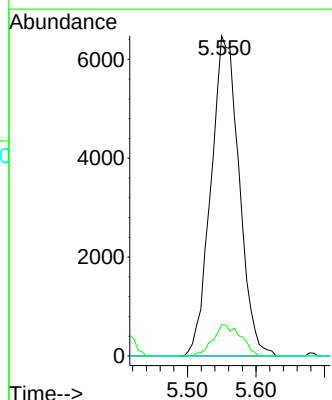
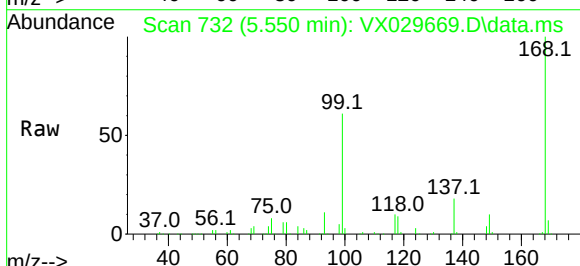
Tgt Ion: 75 Resp: 18469

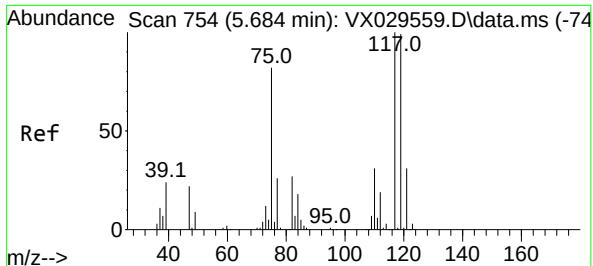
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

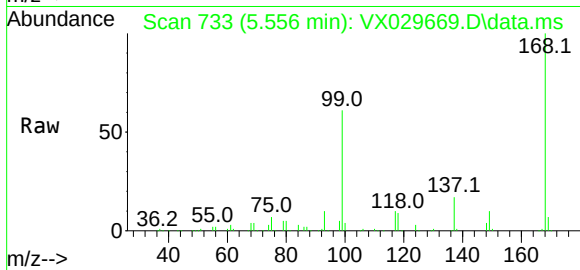
77 0.0 24.8 37.2#



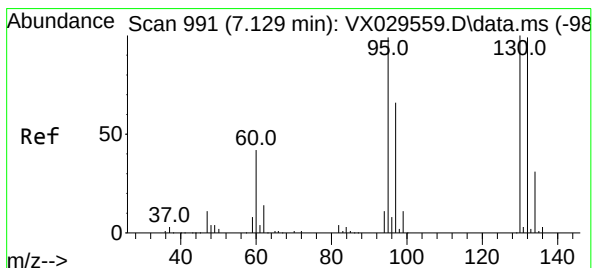
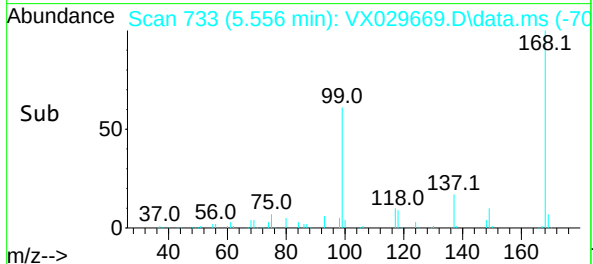
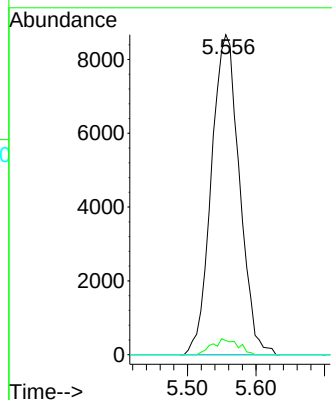


#38
Carbon Tetrachloride
Concen: 6.842 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220610

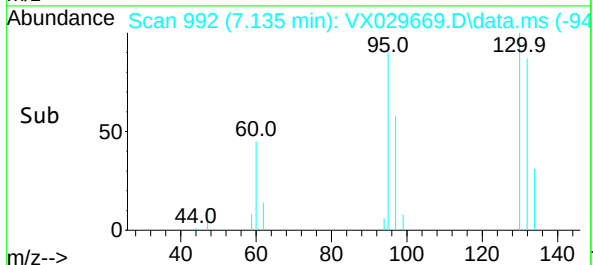
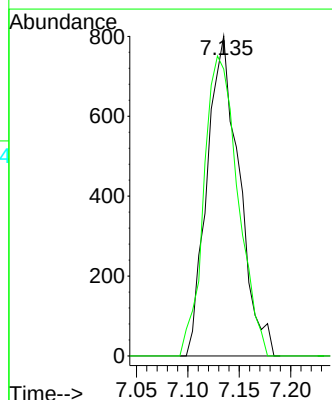
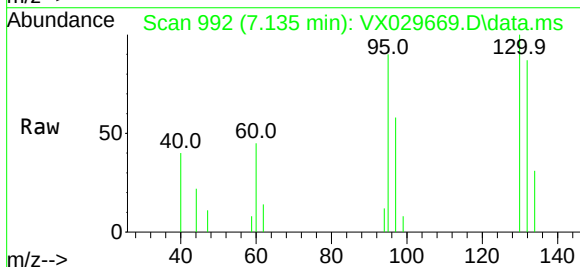


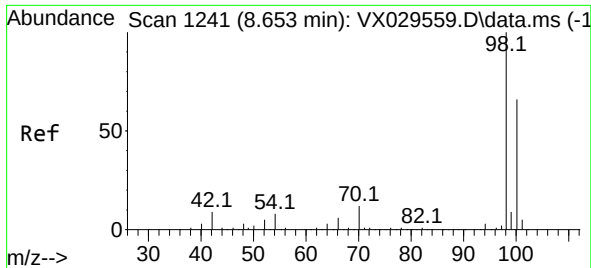
Tgt Ion:117 Resp: 24715
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

Tgt Ion:130 Resp: 1738
Ion Ratio Lower Upper
130 100
95 89.6 0.0 188.8

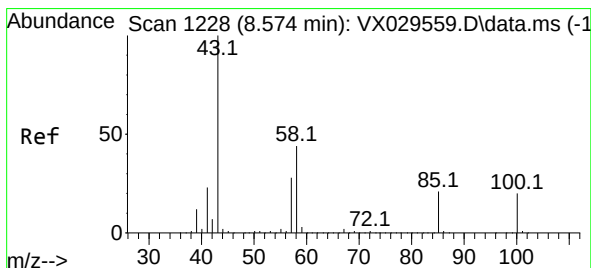
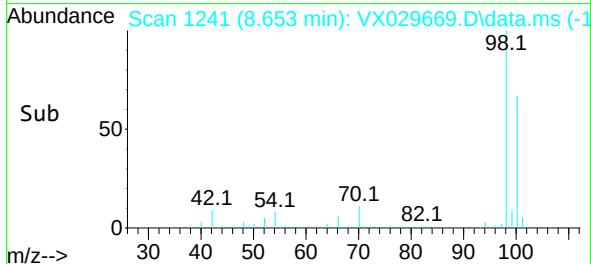
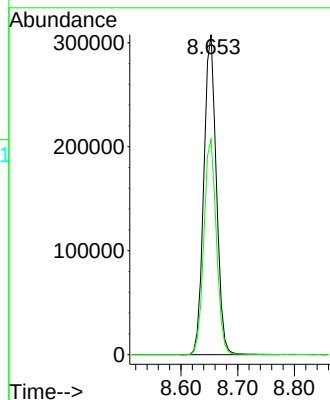
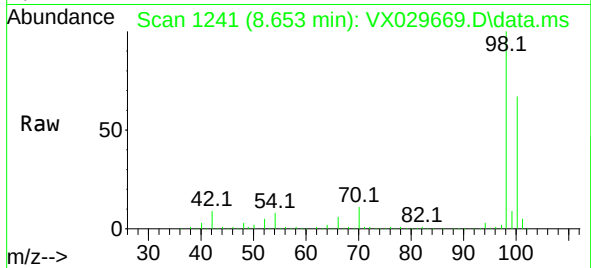




#50
Toluene-d8
Concen: 47.564 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

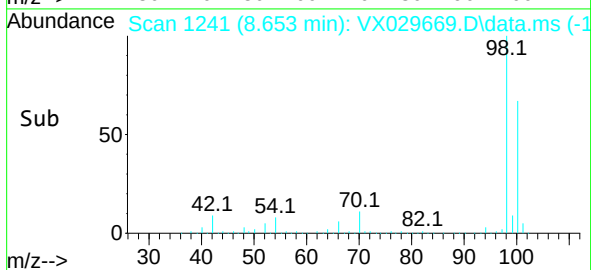
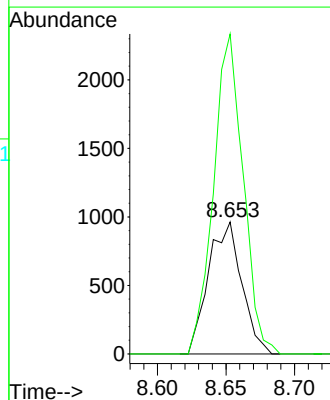
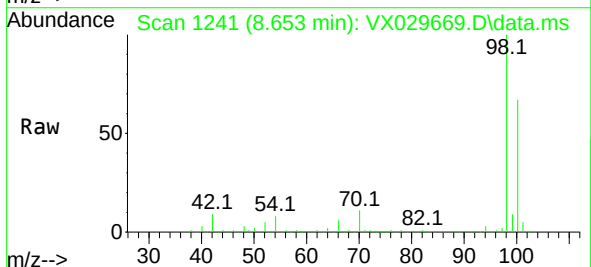
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220610

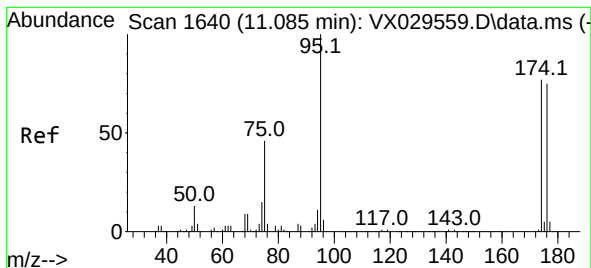
Tgt Ion: 98 Resp: 471578
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
58 215.5 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 43.663 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029669.D

Acq: 21 Jun 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB-20220610

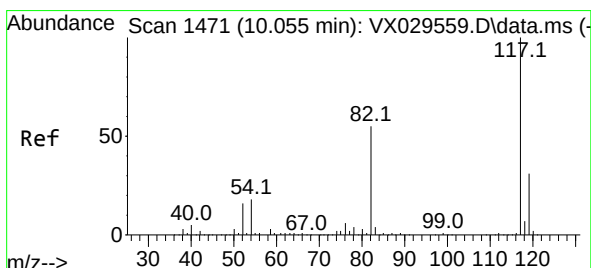
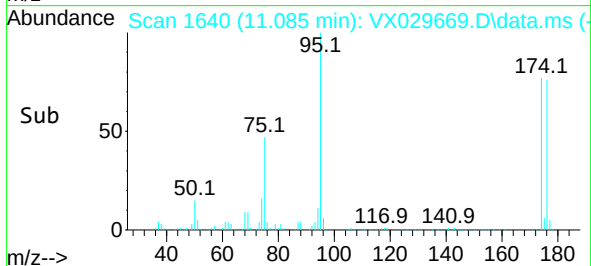
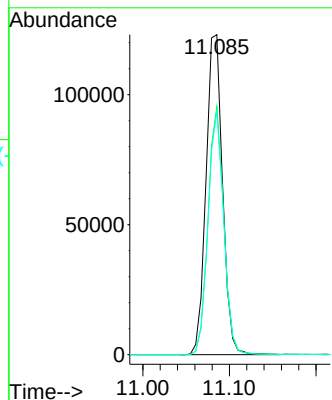
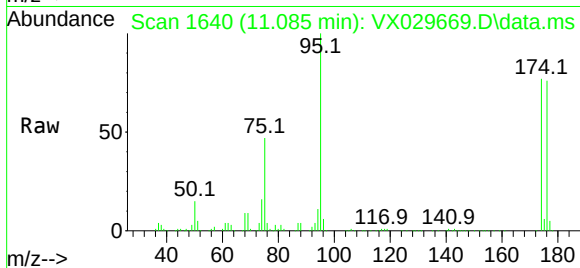
Tgt Ion: 95 Resp: 163251

Ion Ratio Lower Upper

95 100

174 73.5 0.0 163.0

176 72.5 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029669.D

Acq: 21 Jun 2022 18:06

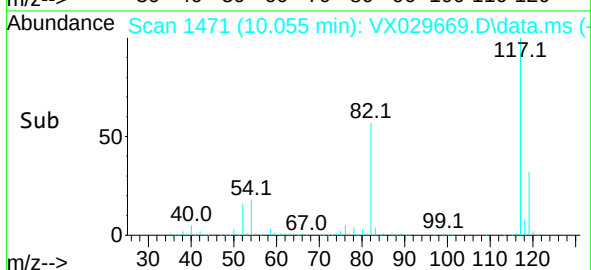
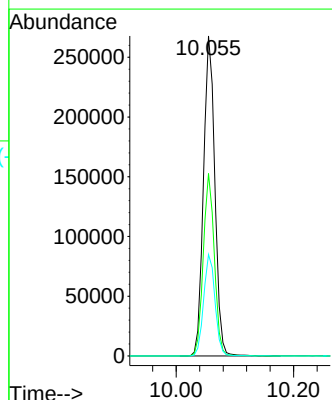
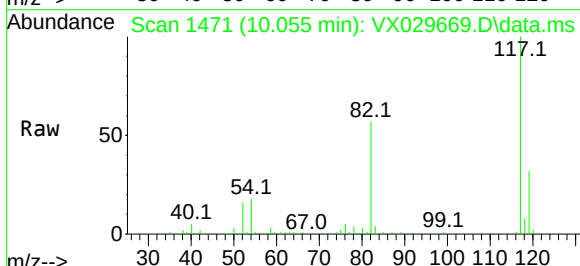
Tgt Ion: 117 Resp: 358927

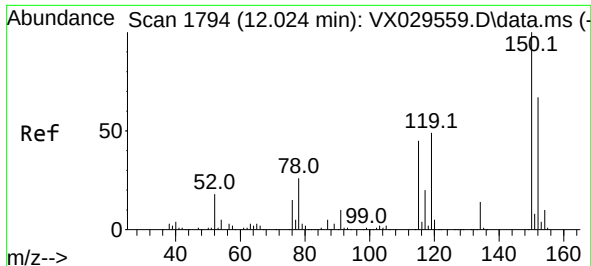
Ion Ratio Lower Upper

117 100

82 57.0 41.8 62.8

119 31.7 24.8 37.2

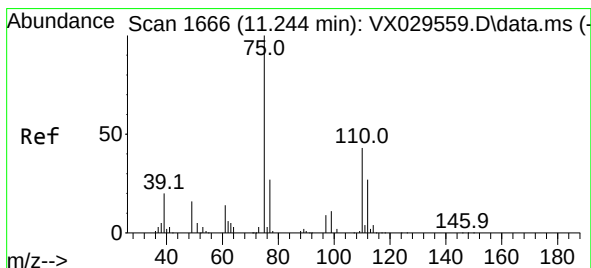
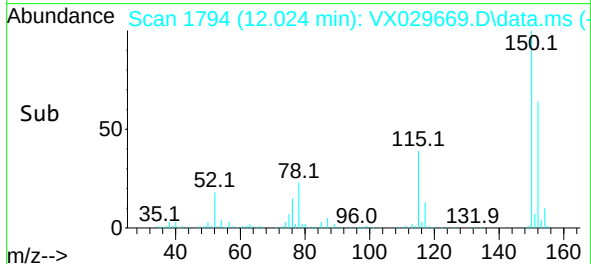
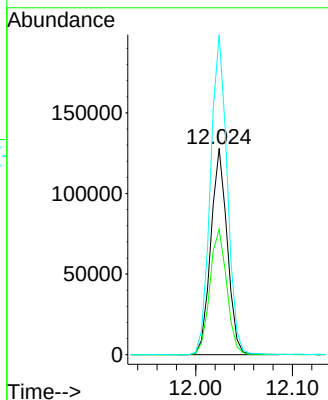
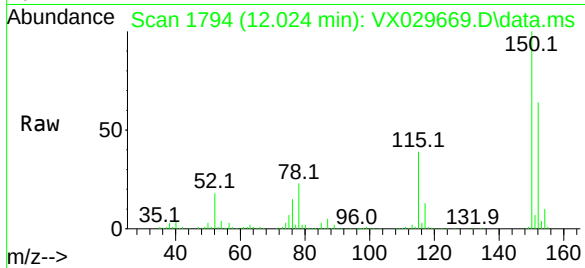




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

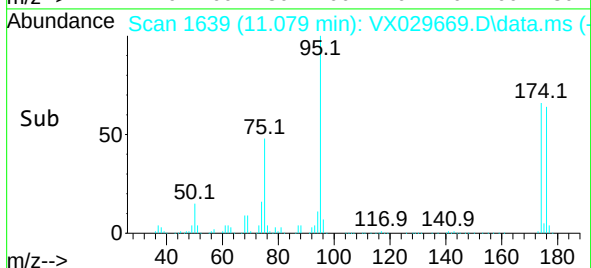
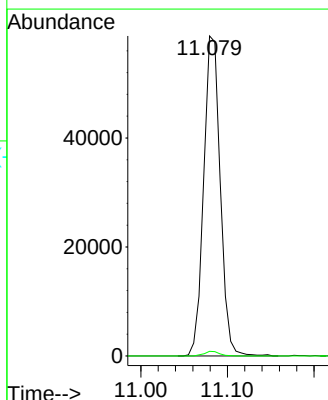
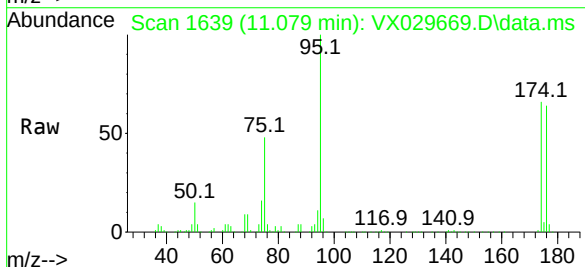
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220610

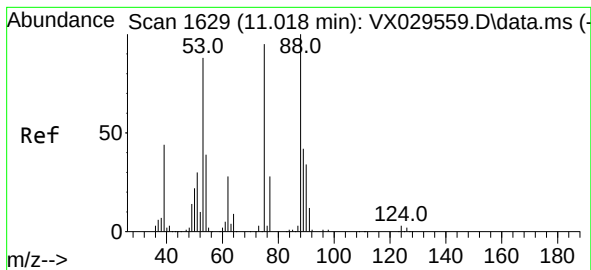
Tgt Ion:152 Resp: 151084
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 158.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029669.D
Acq: 21 Jun 2022 18:06

Tgt Ion: 75 Resp: 78115
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.955 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029669.D
 Acq: 21 Jun 2022 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220610

Tgt Ion: 75 Resp: 78115
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

