

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029676.D
 Acq On : 21 Jun 2022 20:49
 Operator : JC/MD
 Sample : N3325-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Jun 22 01:13:22 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)

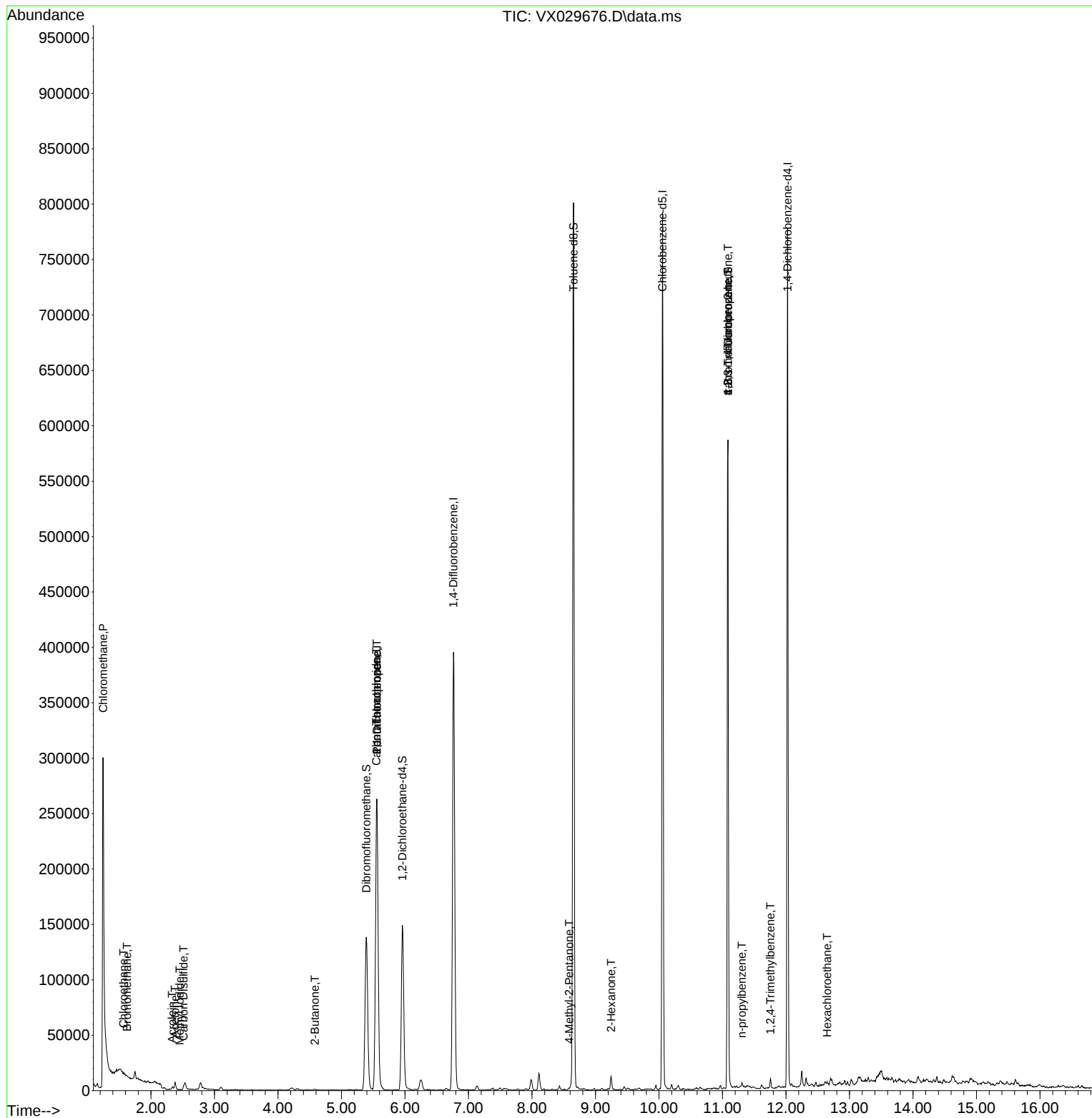
Internal Standards						
1) Pentafluorobenzene	5.556	168	252282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	428687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140224	41.989	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.980%
35) Dibromofluoromethane	5.391	113	125447	44.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.800%
50) Toluene-d8	8.653	98	484787	47.501	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.000%
62) 4-Bromofluorobenzene	11.086	95	169757	44.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	6810	2.069	ug/l #	42
5) Bromomethane	1.624	94	492	0.318	ug/l #	22
6) Chloroethane	1.569	64	10519	5.693	ug/l #	50
10) Methyl Iodide	2.453	142	457	3.160	ug/l #	77
11) Tert butyl alcohol	2.965	59	455	Below Cal	#	72
13) Acrolein	2.331	56	422	2.294	ug/l #	67
16) Acetone	2.380	43	6733	5.058	ug/l	97
17) Carbon Disulfide	2.514	76	7824	1.181	ug/l	98
25) 2-Butanone	4.581	43	937	0.445	ug/l #	76
36) 1,1-Dichloropropene	5.556	75	18525	4.899	ug/l #	50
38) Carbon Tetrachloride	5.550	117	26532	7.136	ug/l #	15
44) Trichloroethene	7.141	130	1626	Below Cal		96
51) 4-Methyl-2-Pentanone	8.586	43	1243	0.320	ug/l	99
59) 2-Hexanone	9.244	43	6828	2.321	ug/l	68
76) 1,2,3-Trichloropropane	11.086	75	81350	23.582	ug/l #	39
78) n-propylbenzene	11.305	91	2809	0.210	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.086	75	81350	78.452	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	3765	0.378	ug/l	96
90) Hexachloroethane	12.646	117	851	0.587	ug/l #	10

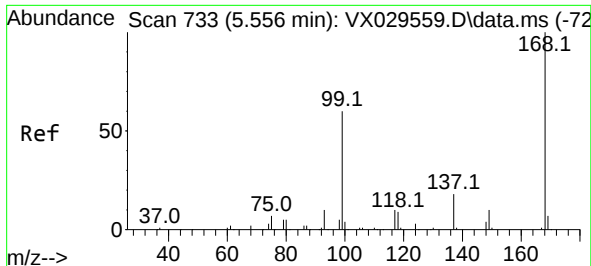
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

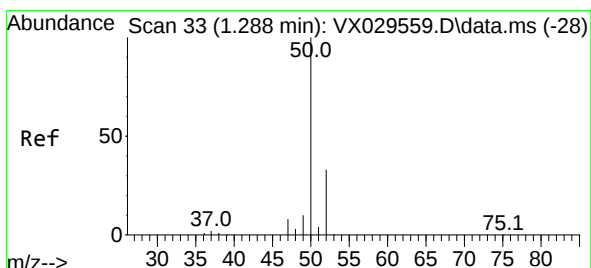
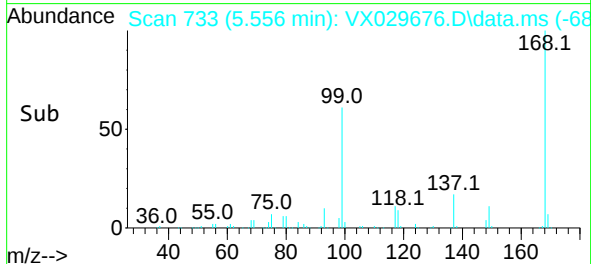
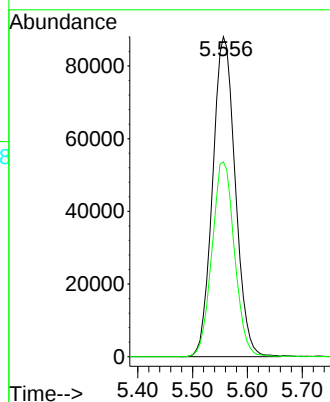
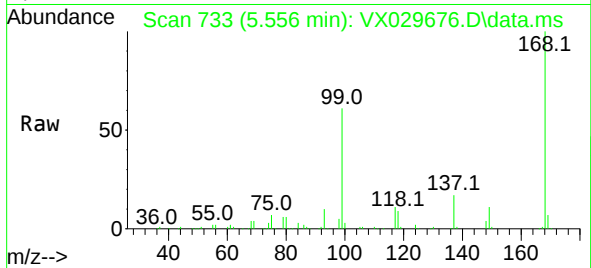




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

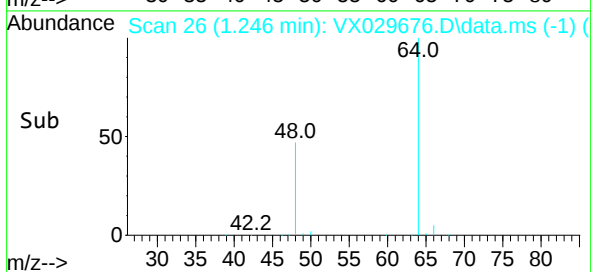
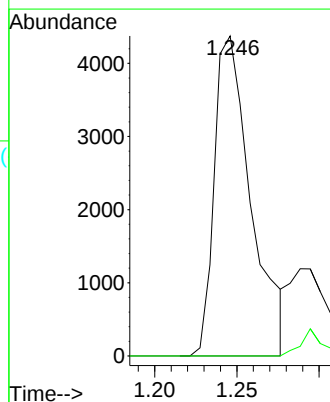
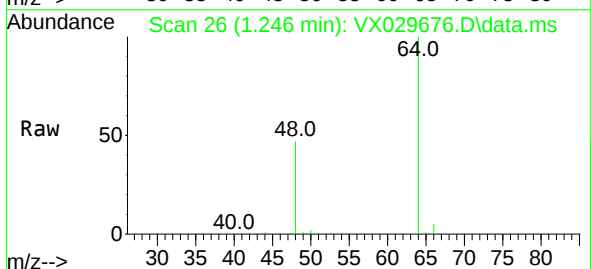
Instrument :
MSVOA_X
ClientSampleId :
MW-11

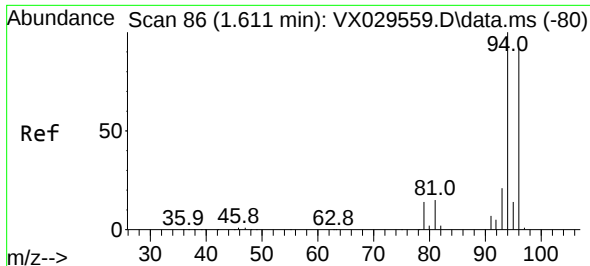
Tgt Ion:168 Resp: 252282
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#3
Chloromethane
Concen: 2.069 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.042 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

Tgt Ion: 50 Resp: 6810
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

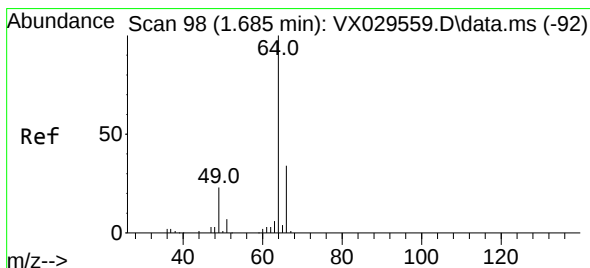
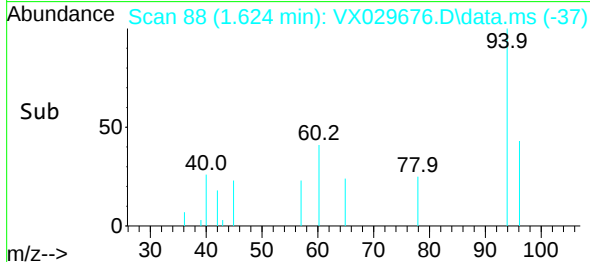
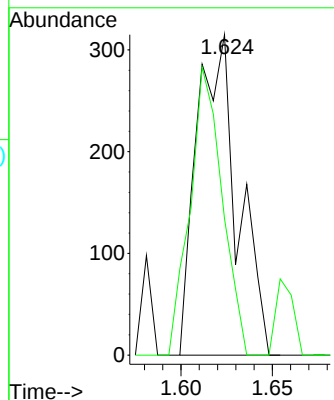
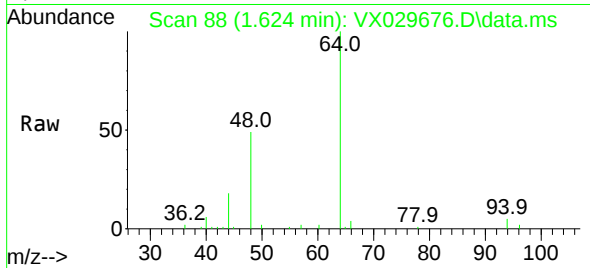




#5
Bromomethane
Concen: 0.318 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

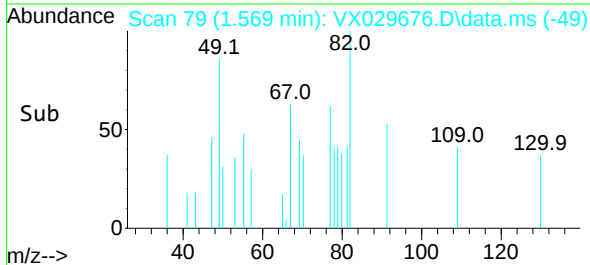
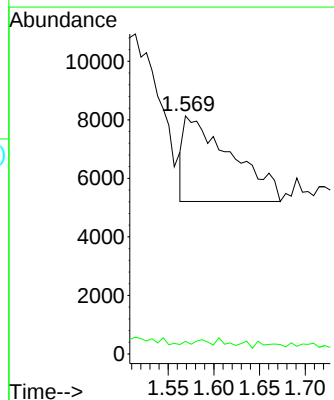
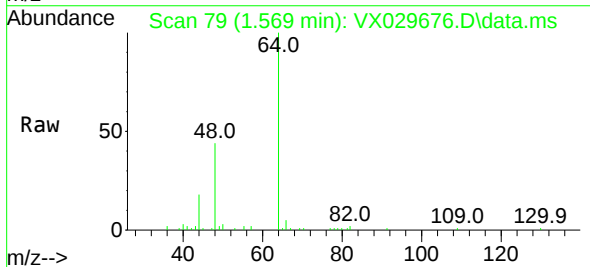
Instrument :
MSVOA_X
ClientSampleId :
MW-11

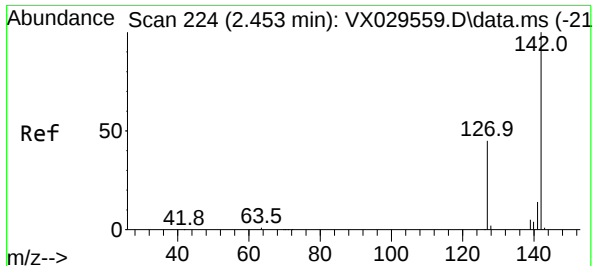
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 18.7 75.3 112.9#



#6
Chloroethane
Concen: 5.693 ug/l
RT: 1.569 min Scan# 79
Delta R.T. -0.116 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

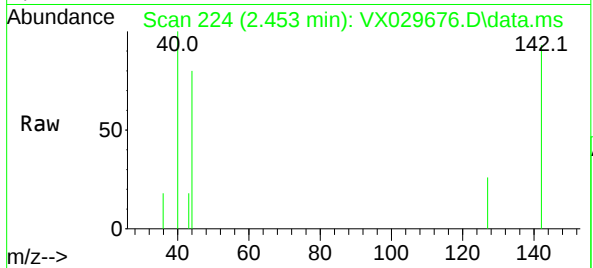
Tgt Ion: 64 Resp: 10519
Ion Ratio Lower Upper
64 100
66 3.6 25.3 37.9#



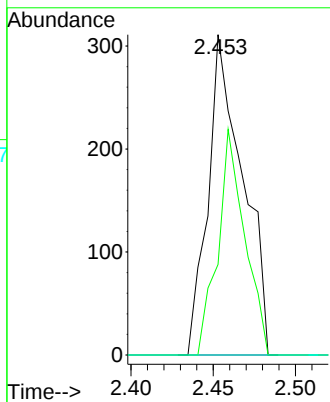
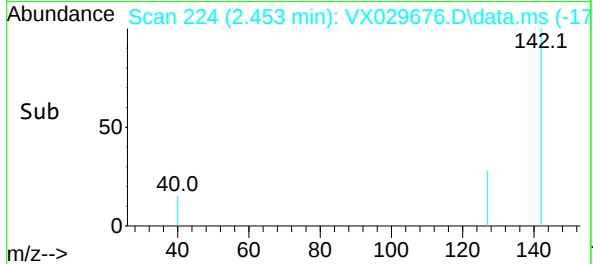


#10
Methyl Iodide
Concen: 3.160 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

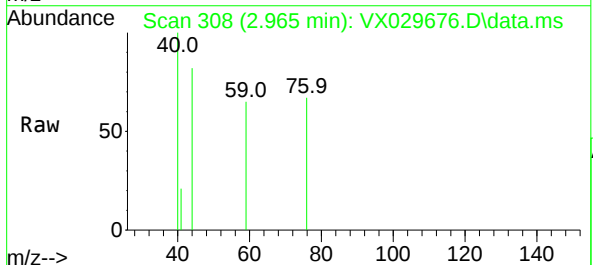
Instrument :
MSVOA_X
ClientSampleId :
MW-11



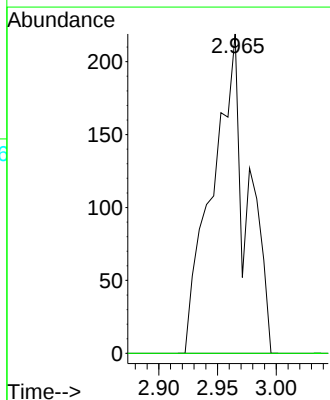
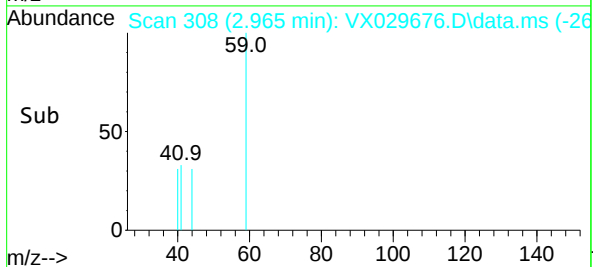
Tgt Ion:142 Resp: 457
Ion Ratio Lower Upper
142 100
127 54.5 33.9 50.9#
141 0.0 11.4 17.2#

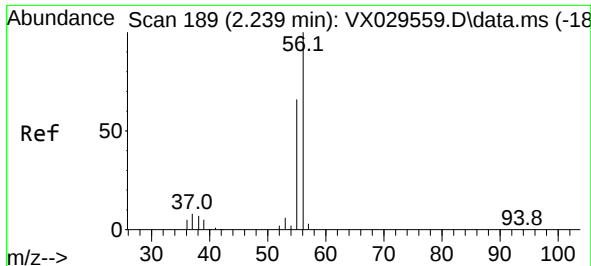


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49



Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 2.294 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.092 min

Lab File: VX029676.D

Acq: 21 Jun 2022 20:49

Instrument :

MSVOA_X

ClientSampleId :

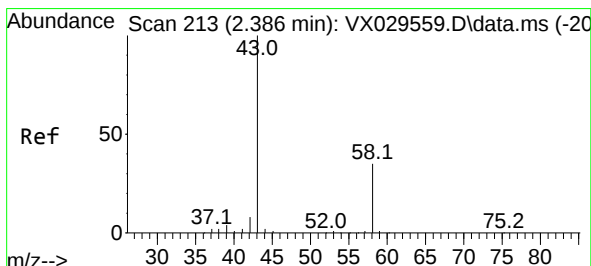
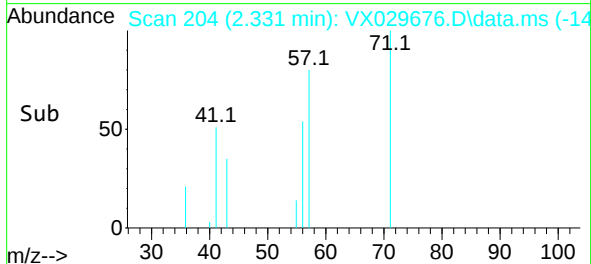
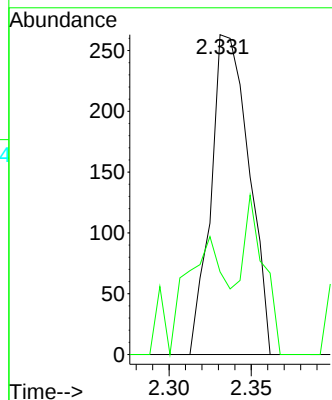
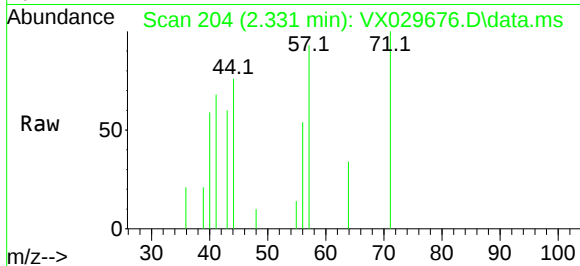
MW-11

Tgt Ion: 56 Resp: 422

Ion Ratio Lower Upper

56 100

55 41.7 55.0 82.6#



#16

Acetone

Concen: 5.058 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX029676.D

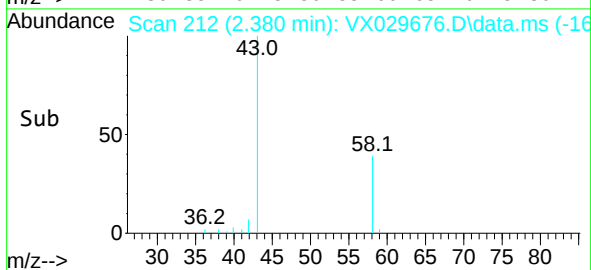
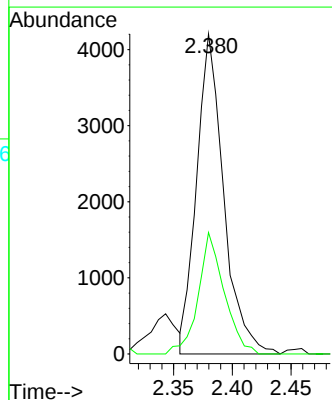
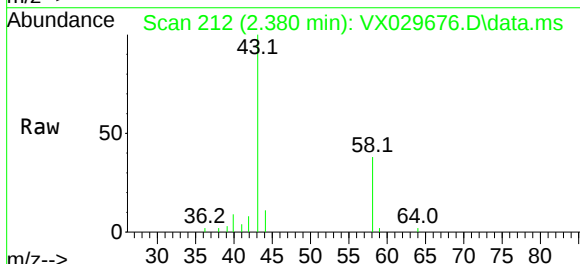
Acq: 21 Jun 2022 20:49

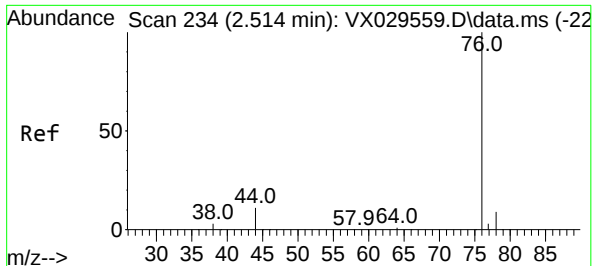
Tgt Ion: 43 Resp: 6733

Ion Ratio Lower Upper

43 100

58 38.0 28.8 43.2





#17

Carbon Disulfide

Concen: 1.181 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029676.D

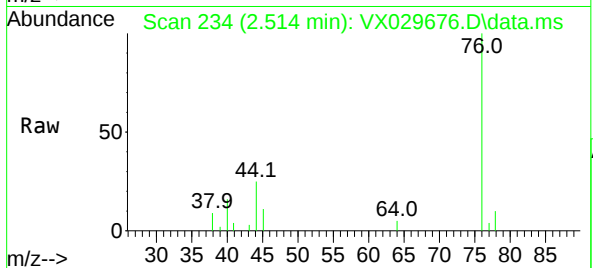
Acq: 21 Jun 2022 20:49

Instrument :

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ClientSampleId :

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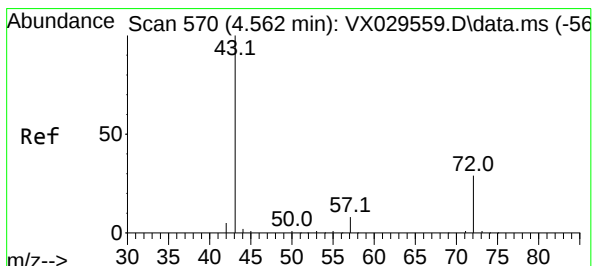
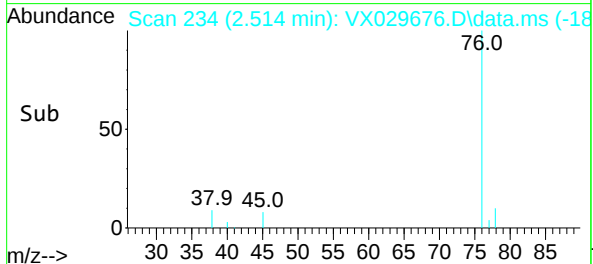
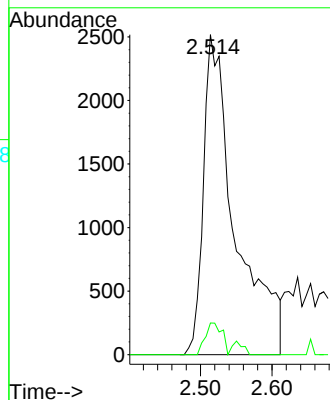


Tgt Ion: 76 Resp: 7824

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8



#25

2-Butanone

Concen: 0.445 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.019 min

Lab File: VX029676.D

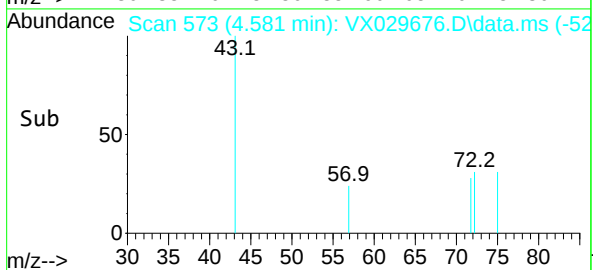
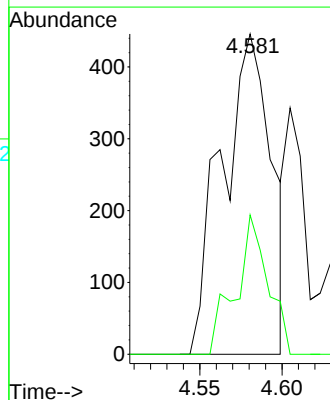
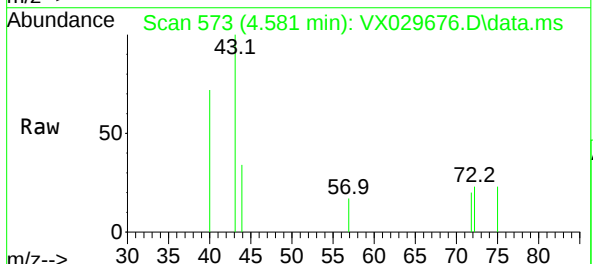
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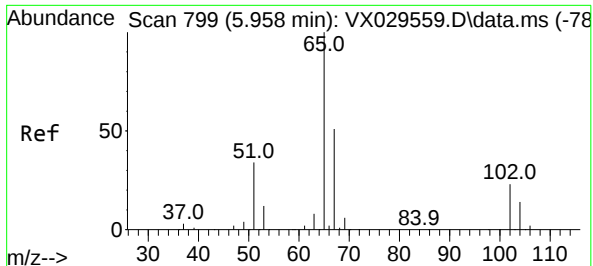
Tgt Ion: 43 Resp: 937

Ion Ratio Lower Upper

43 100

72 43.5 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 41.989 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029676.D

Acq: 21 Jun 2022 20:49

Instrument :

MSVOA_X

ClientSampleId :

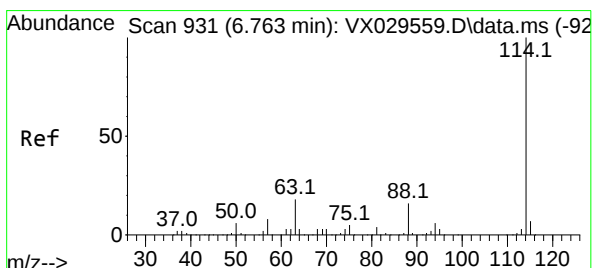
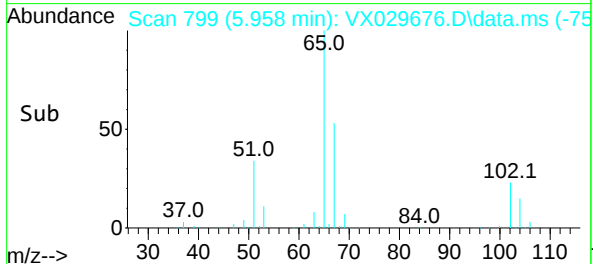
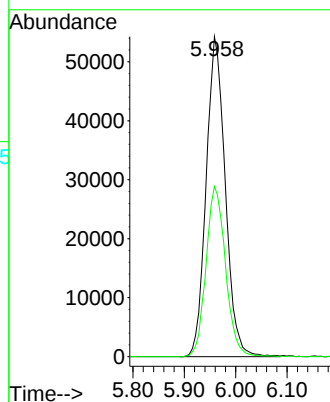
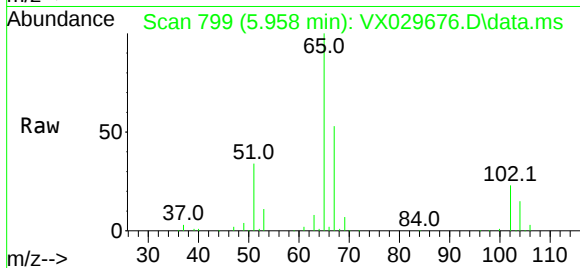
MW-11

Tgt Ion: 65 Resp: 140224

Ion Ratio Lower Upper

65 100

67 54.3 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: VX029676.D

Acq: 21 Jun 2022 20:49

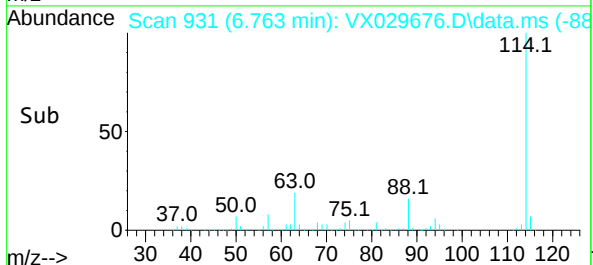
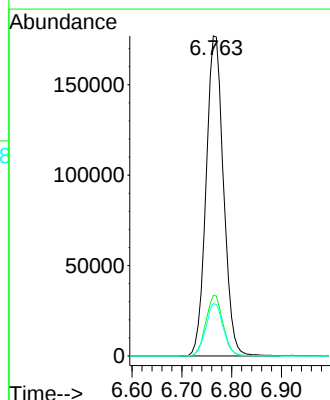
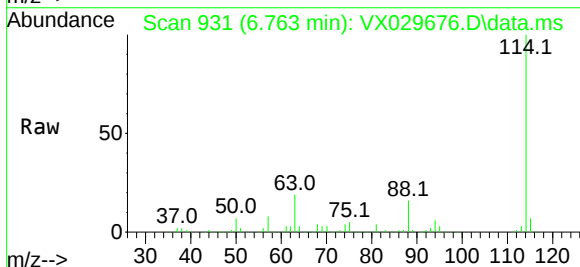
Tgt Ion: 114 Resp: 428687

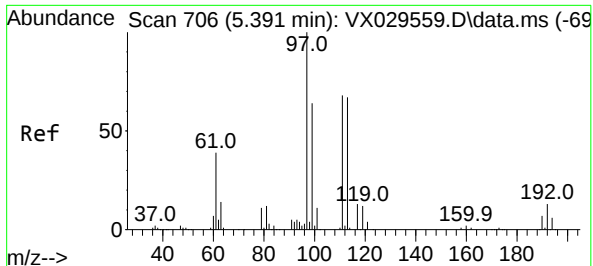
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 44.904 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029676.D

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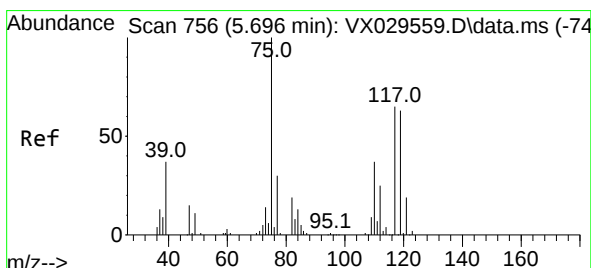
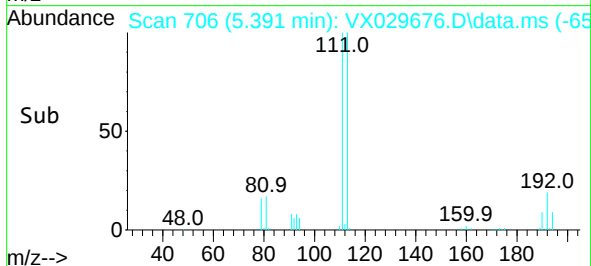
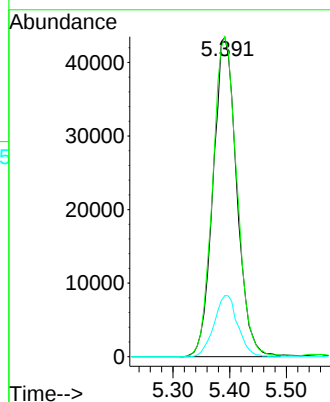
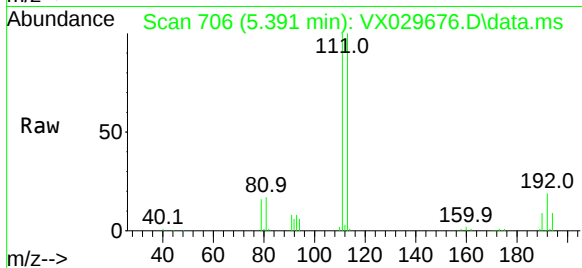
Tgt Ion:113 Resp: 125447

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029676.D

Acq: 21 Jun 2022 20:49

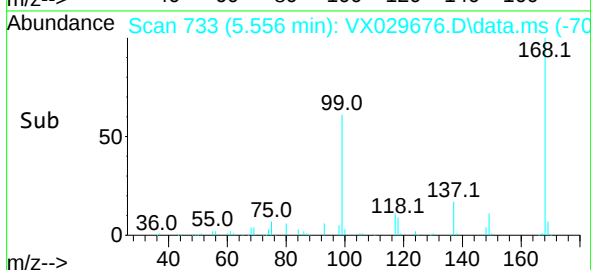
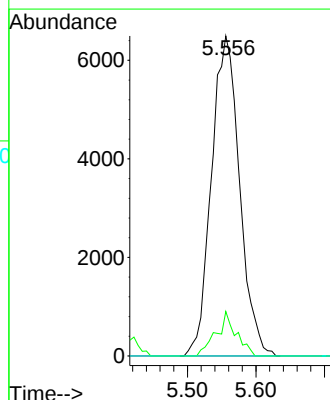
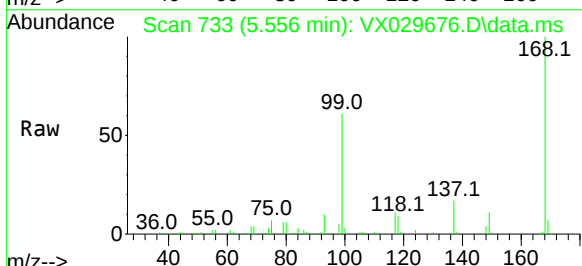
Tgt Ion: 75 Resp: 18525

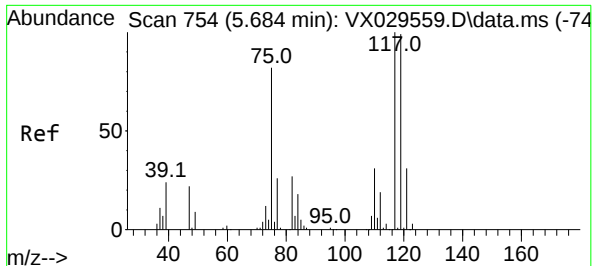
Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

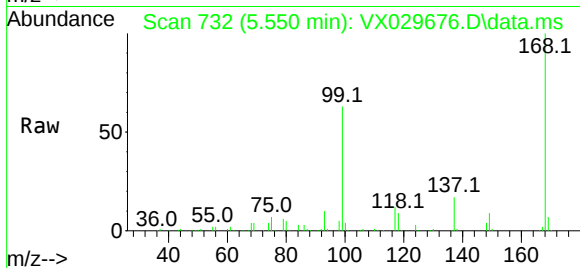
77 0.0 24.8 37.2#



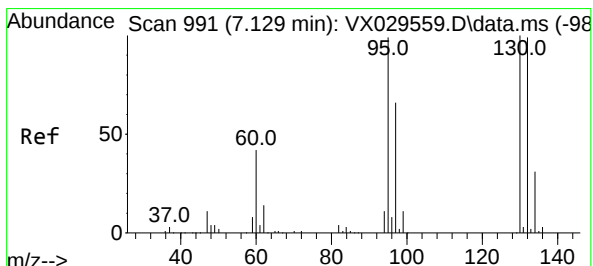
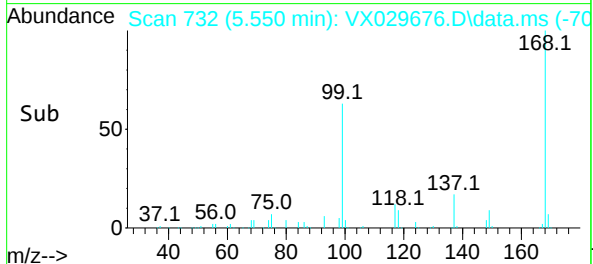
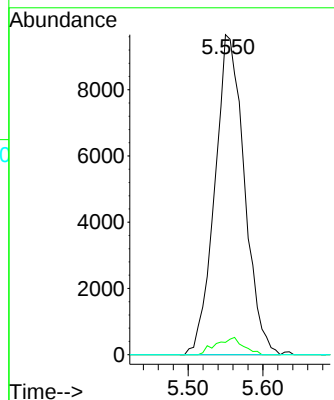


#38
Carbon Tetrachloride
Concen: 7.136 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

Instrument :
MSVOA_X
ClientSampleId :
MW-11

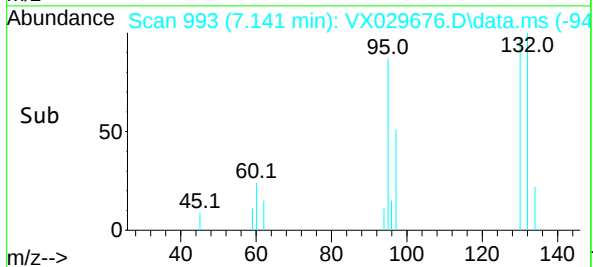
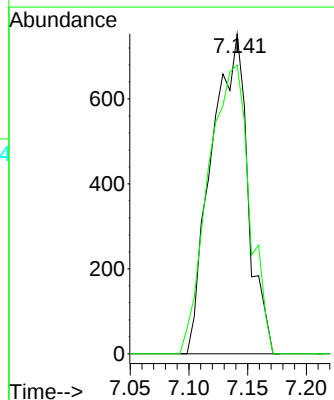
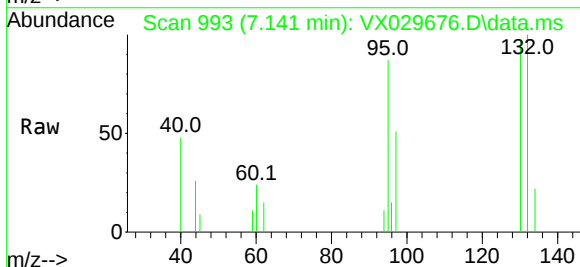


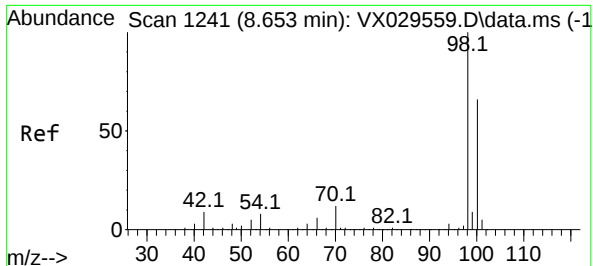
Tgt Ion:117 Resp: 26532
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

Tgt Ion:130 Resp: 1626
Ion Ratio Lower Upper
130 100
95 90.3 0.0 188.8





#50

Toluene-d8

Concen: 47.501 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029676.D

Acq: 21 Jun 2022 20:49

Instrument :

MSVOA_X

ClientSampleId :

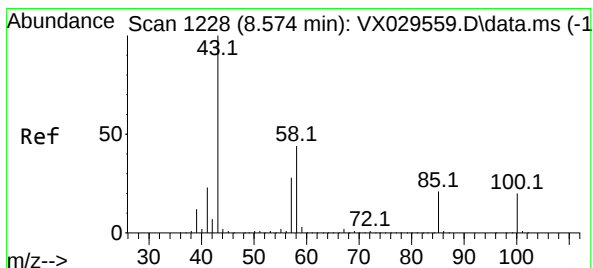
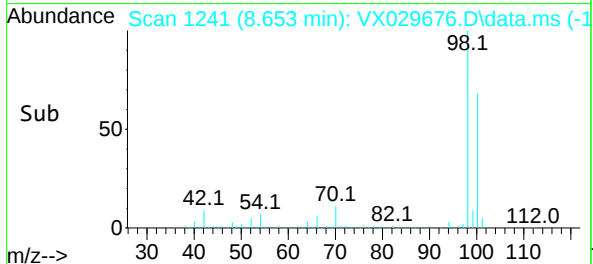
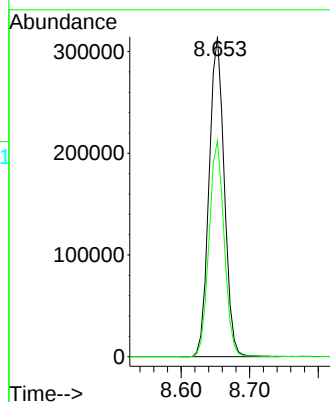
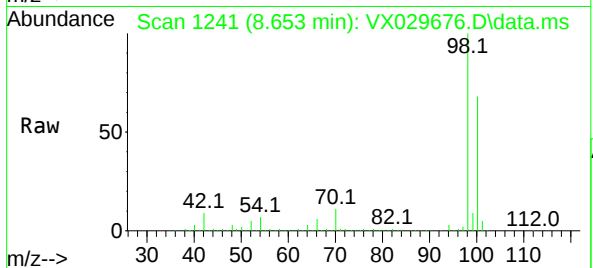
MW-11

Tgt Ion: 98 Resp: 484787

Ion Ratio Lower Upper

98 100

100 67.1 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.320 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VX029676.D

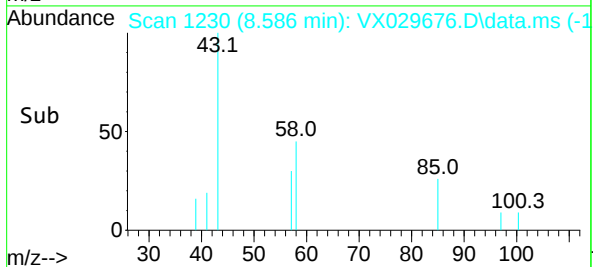
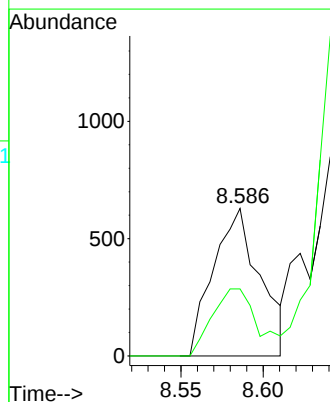
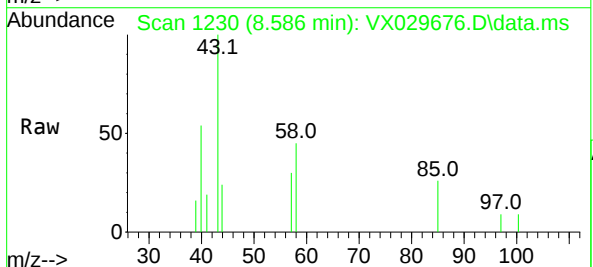
Acq: 21 Jun 2022 20:49

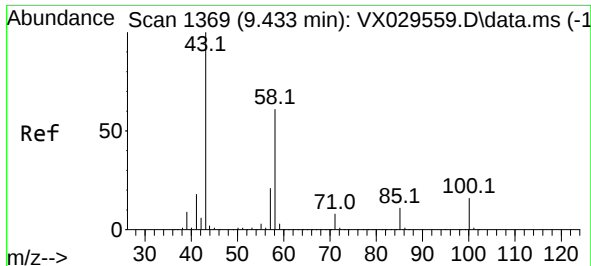
Tgt Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

58 44.5 36.1 54.1





#59

2-Hexanone

Concen: 2.321 ug/l

RT: 9.244 min Scan# 11

Delta R.T. -0.189 min

Lab File: VX029676.D

Acq: 21 Jun 2022 20:49

Instrument :

MSVOA_X

ClientSampleId :

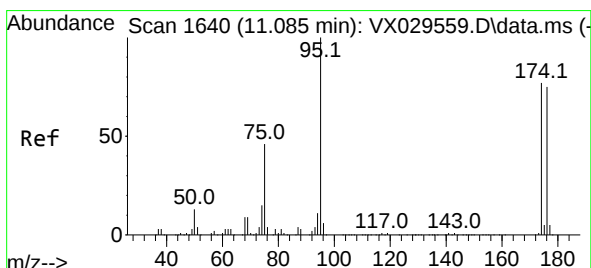
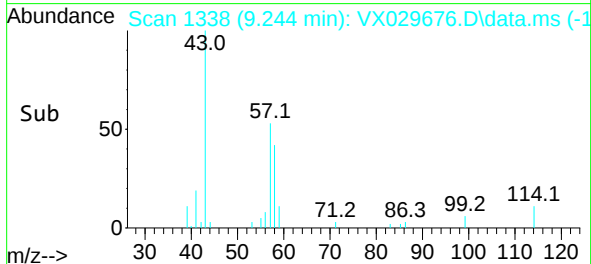
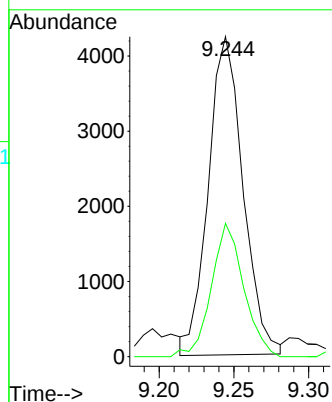
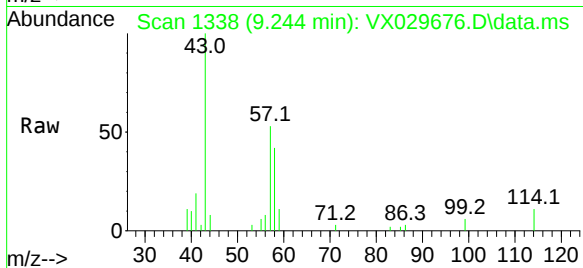
MW-11

Tgt Ion: 43 Resp: 6828

Ion Ratio Lower Upper

43 100

58 39.1 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 44.107 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029676.D

Acq: 21 Jun 2022 20:49

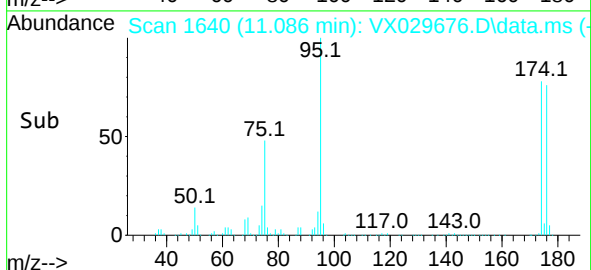
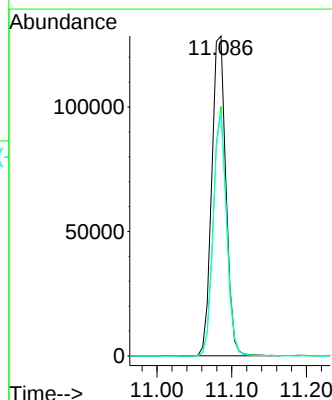
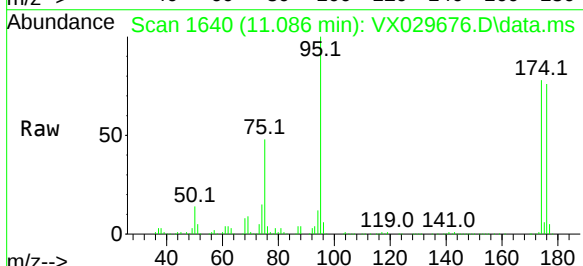
Tgt Ion: 95 Resp: 169757

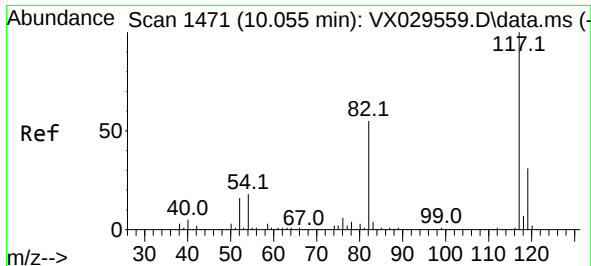
Ion Ratio Lower Upper

95 100

174 74.0 0.0 163.0

176 71.4 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: VX029676.D

Acq: 21 Jun 2022 20:49

Instrument :

MSVOA_X

ClientSampleId :

MW-11

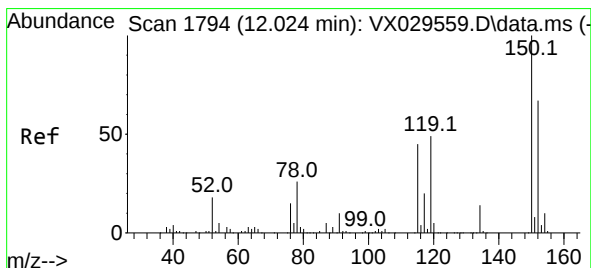
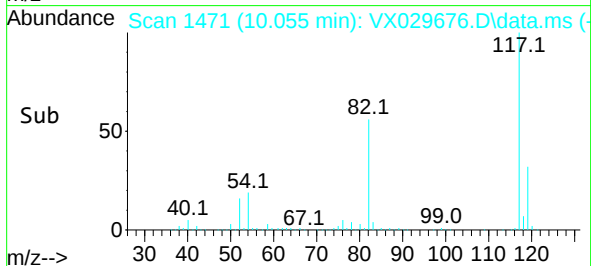
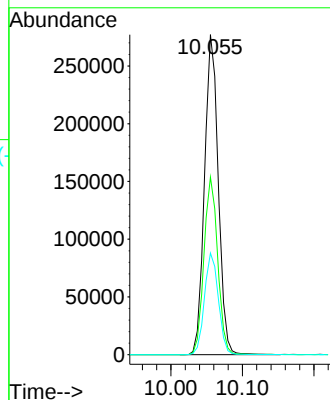
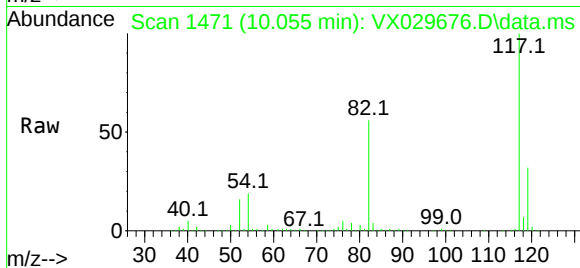
Tgt Ion:117 Resp: 371014

Ion Ratio Lower Upper

117 100

82 55.5 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# 1794

Delta R.T. 0.000 min

Lab File: VX029676.D

Acq: 21 Jun 2022 20:49

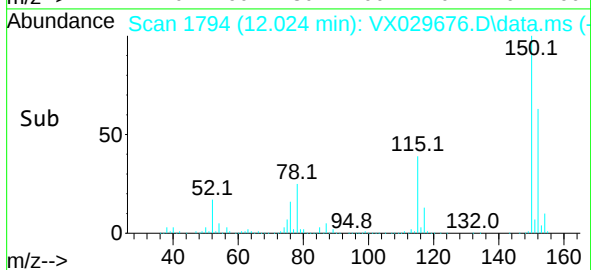
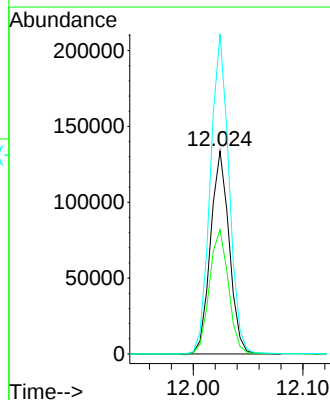
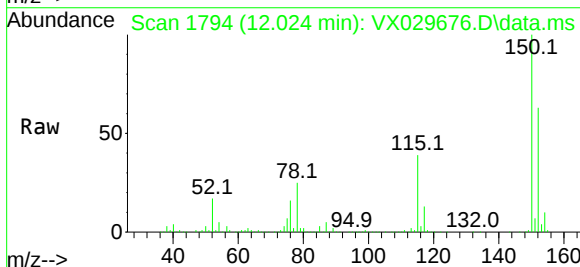
Tgt Ion:152 Resp: 158349

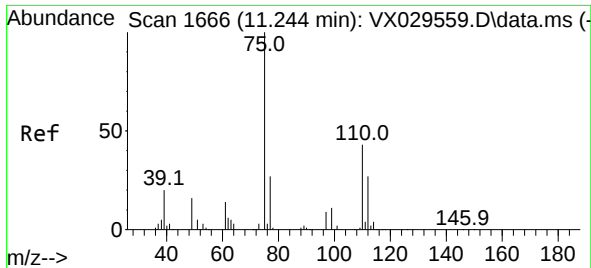
Ion Ratio Lower Upper

152 100

115 62.5 37.5 112.7

150 157.8 0.0 338.2

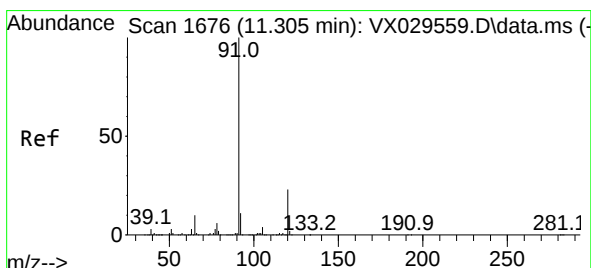
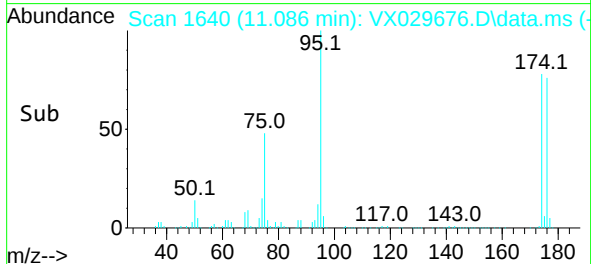
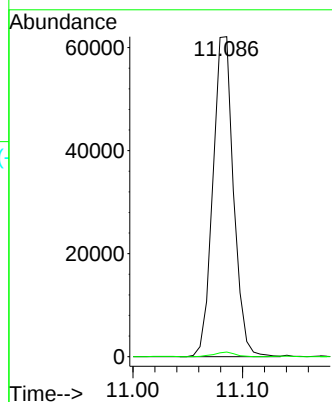
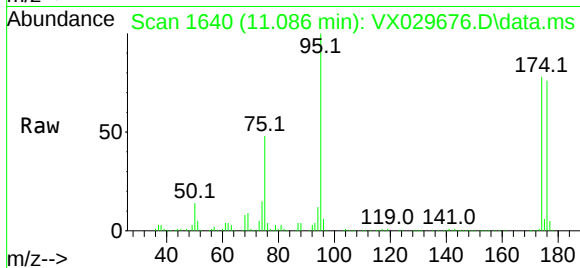




#76
1,2,3-Trichloropropane
Concen: 23.582 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

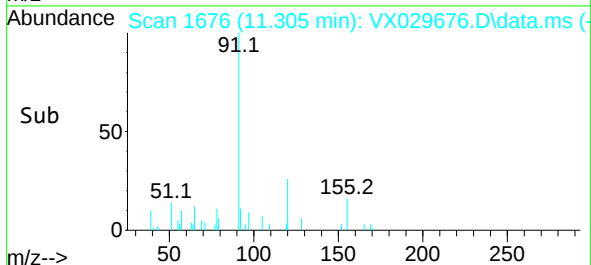
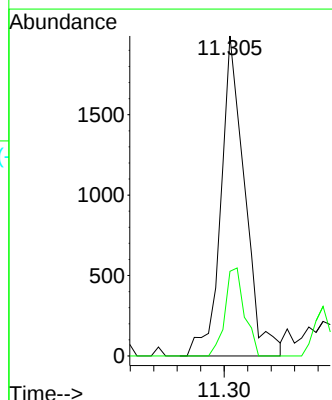
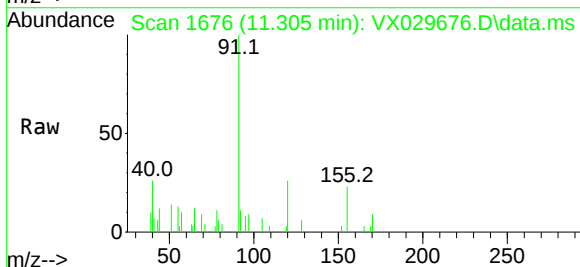
Instrument :
MSVOA_X
ClientSampleId :
MW-11

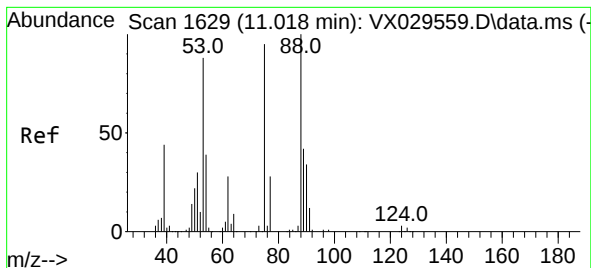
Tgt Ion: 75 Resp: 81350
Ion Ratio Lower Upper
75 100
77 1.5 19.4 58.2#



#78
n-propylbenzene
Concen: 0.210 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

Tgt Ion: 91 Resp: 2809
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8

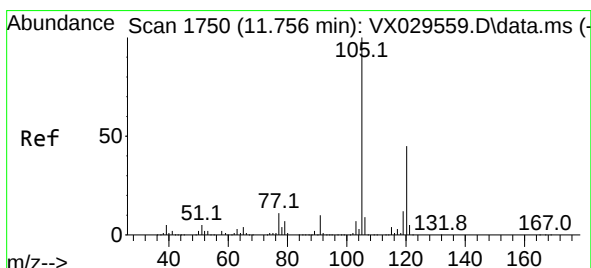
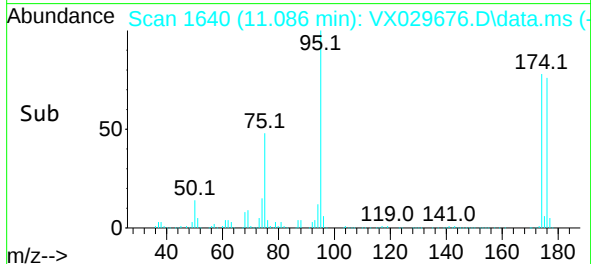
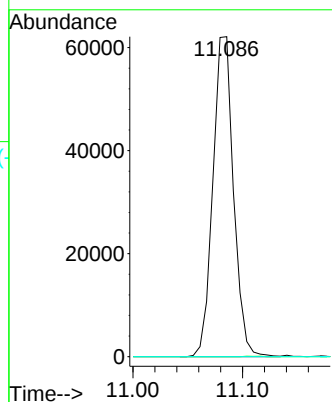
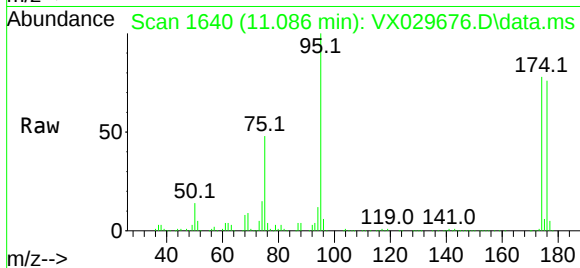




#81
trans-1,4-Dichloro-2-butene
Concen: 78.452 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

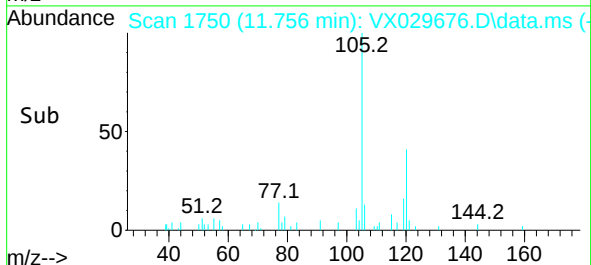
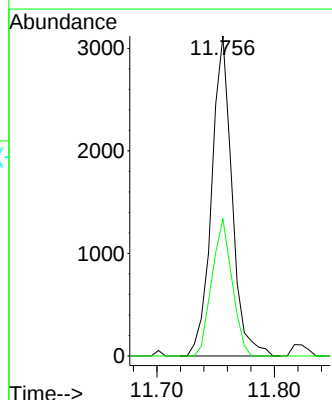
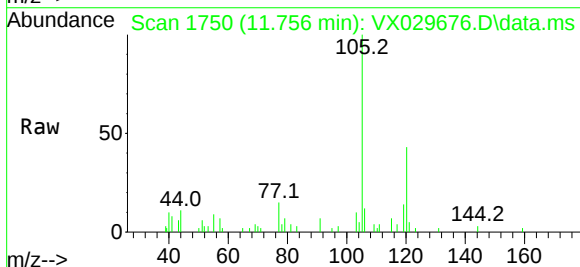
Instrument :
MSVOA_X
ClientSampleId :
MW-11

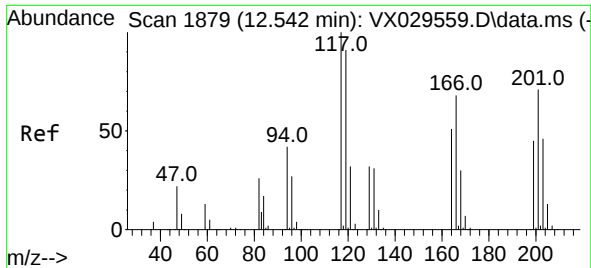
Tgt Ion: 75 Resp: 81350
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.378 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029676.D
Acq: 21 Jun 2022 20:49

Tgt Ion: 105 Resp: 3765
Ion Ratio Lower Upper
105 100
120 42.3 22.6 67.8





#90
 Hexachloroethane
 Concen: 0.587 ug/l
 RT: 12.646 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VX029676.D
 Acq: 21 Jun 2022 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Tgt Ion:117 Resp: 851
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

