

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029652.D
 Acq On : 21 Jun 2022 09:38
 Operator : JC/MD
 Sample : N3354-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-59

Quant Time: Jun 21 17:08:56 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)

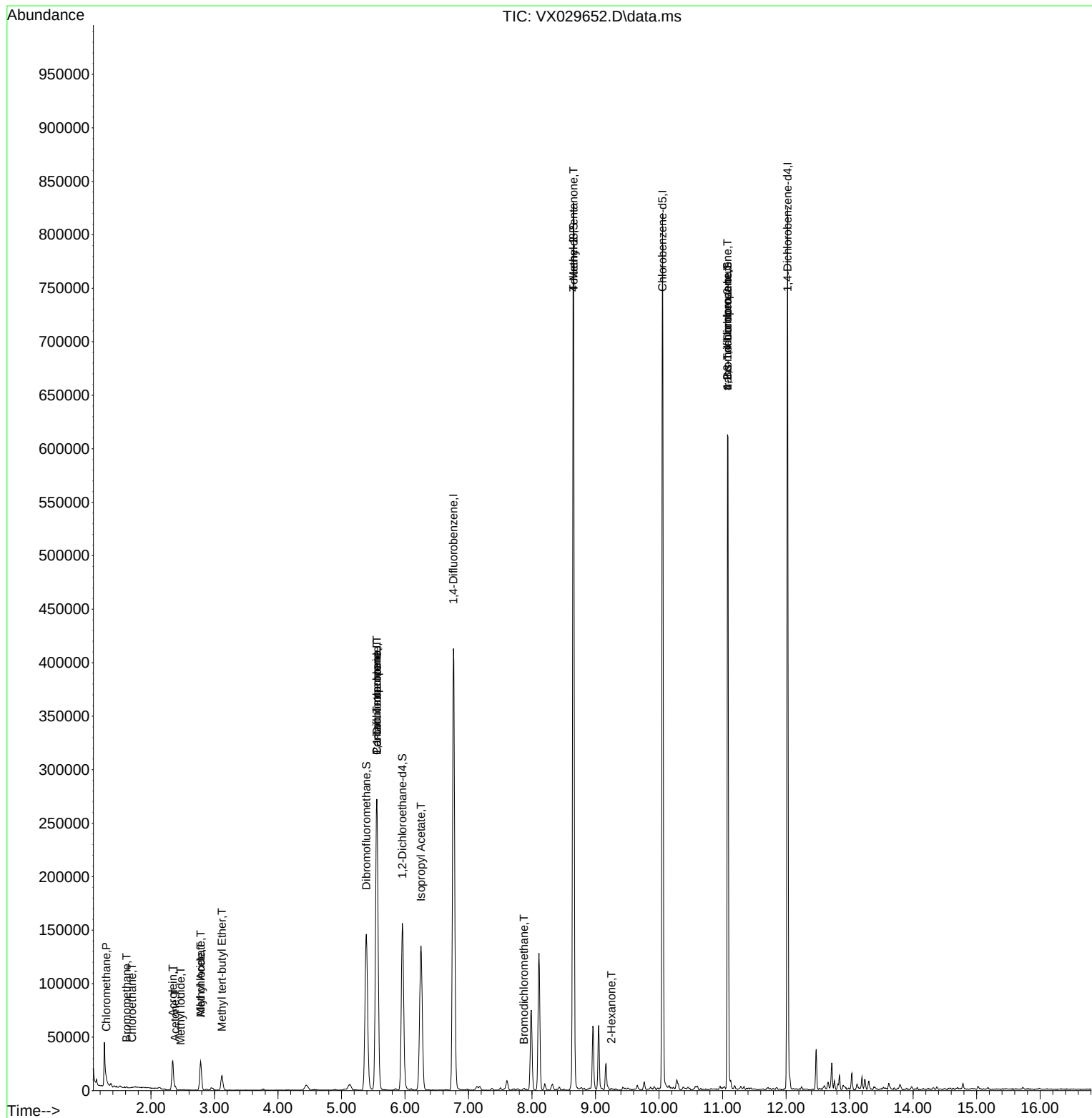
Internal Standards						
1) Pentafluorobenzene	5.556	168	262962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149353	42.906	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.820%
35) Dibromofluoromethane	5.391	113	132423	45.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.160%
50) Toluene-d8	8.653	98	506612	47.735	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.079	95	181442	45.335	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1052	0.307	ug/l	93
5) Bromomethane	1.617	94	633	0.393	ug/l	83
6) Chloroethane	1.703	64	371	1.439	ug/l #	43
10) Methyl Iodide	2.465	142	399	3.137	ug/l #	80
11) Tert butyl alcohol	2.959	59	2770	Below Cal	#	84
13) Acrolein	2.343	56	4034	21.038	ug/l #	69
14) Allyl chloride	2.782	41	6953	1.616	ug/l #	59
16) Acetone	2.379	43	2672	1.926	ug/l #	83
18) Methyl Acetate	2.782	43	18321	4.994	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	15953	1.725	ug/l	99
36) 1,1-Dichloropropene	5.556	75	19913	5.064	ug/l #	44
38) Carbon Tetrachloride	5.556	117	27224	7.041	ug/l #	15
43) Isopropyl Acetate	6.251	43	30334	4.840	ug/l #	56
44) Trichloroethene	7.135	130	1641	Below Cal		77
47) Bromodichloromethane	7.872	83	946	0.239	ug/l #	24
51) 4-Methyl-2-Pentanone	8.653	43	3123	0.773	ug/l #	1
59) 2-Hexanone	9.250	43	830	0.271	ug/l	73
76) 1,2,3-Trichloropropane	11.079	75	85534	23.087	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85534	76.806	ug/l #	15

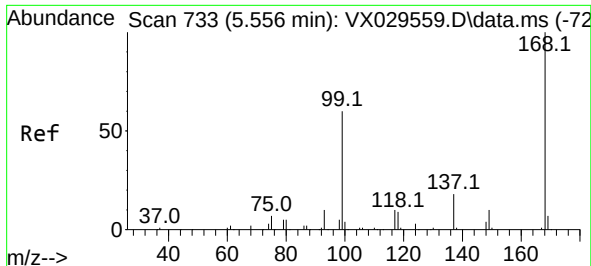
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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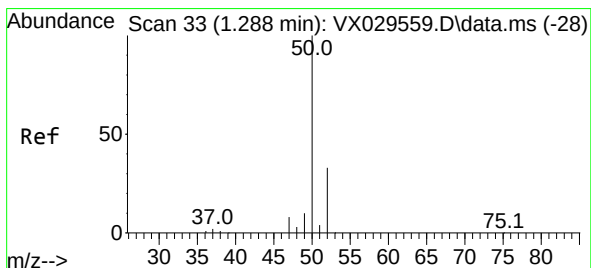
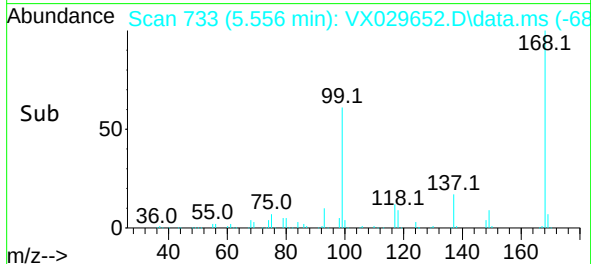
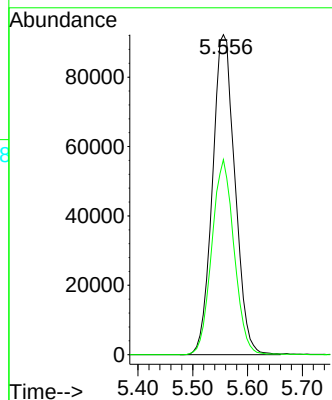
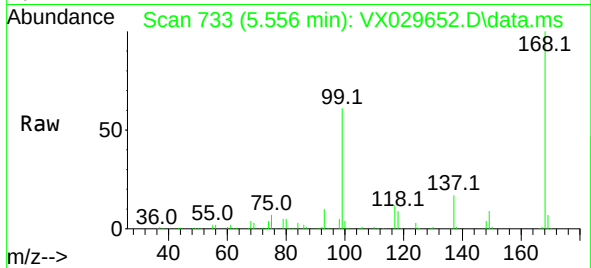




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

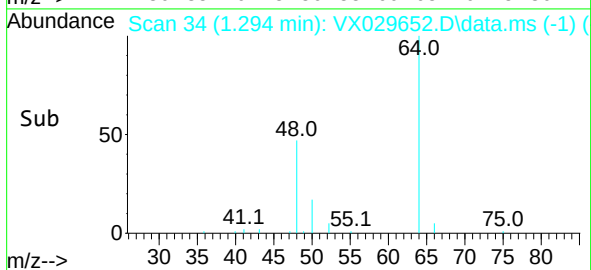
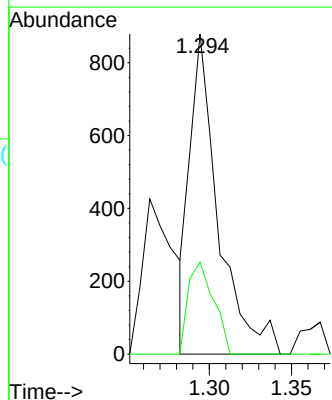
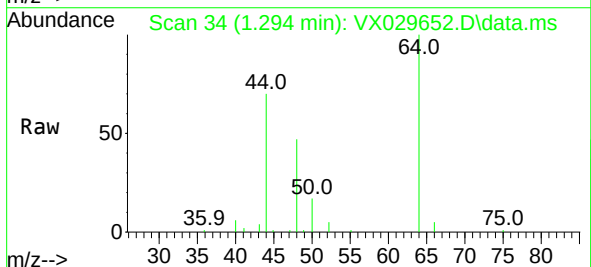
Instrument :
MSVOA_X
ClientSampleId :
MW-59

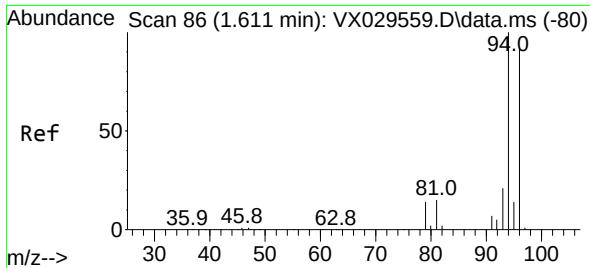
Tgt Ion:168 Resp: 262962
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#3
Chloromethane
Concen: 0.307 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

Tgt Ion: 50 Resp: 1052
Ion Ratio Lower Upper
50 100
52 28.8 26.4 39.6

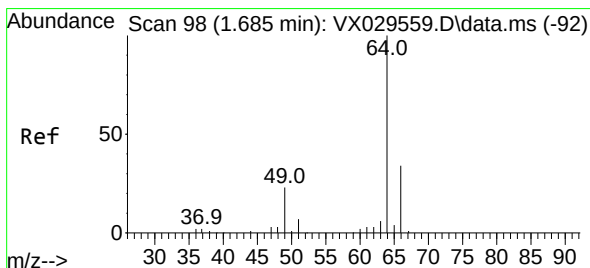
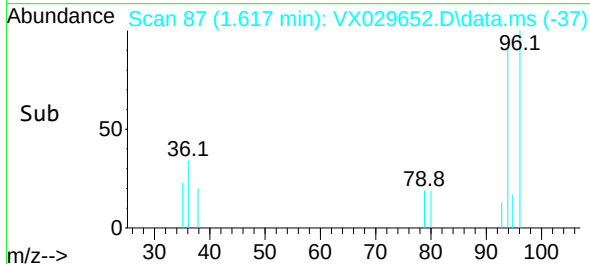
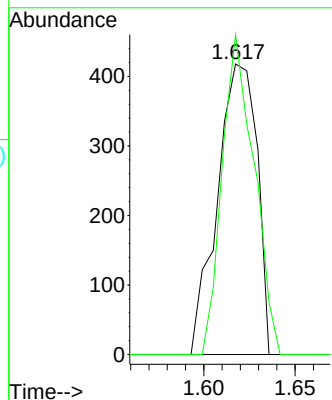
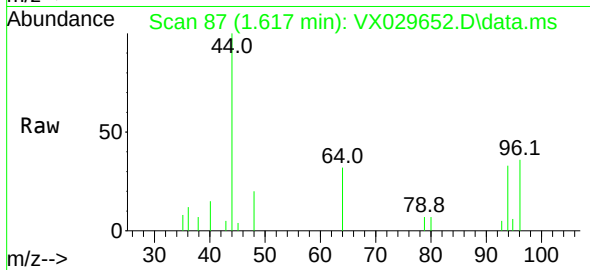




#5
Bromomethane
Concen: 0.393 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

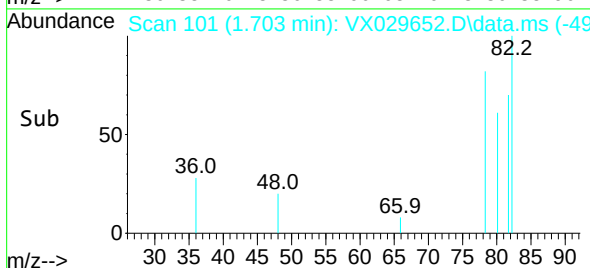
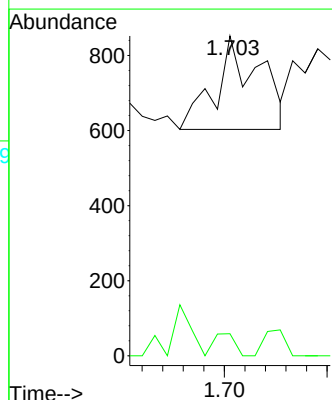
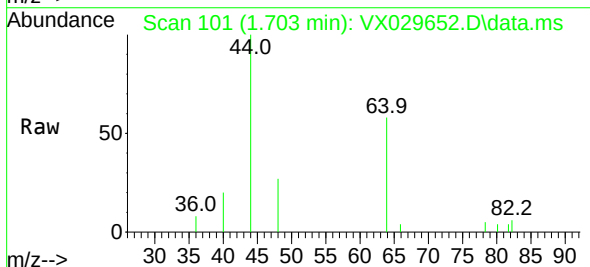
Instrument :
MSVOA_X
ClientSampleId :
MW-59

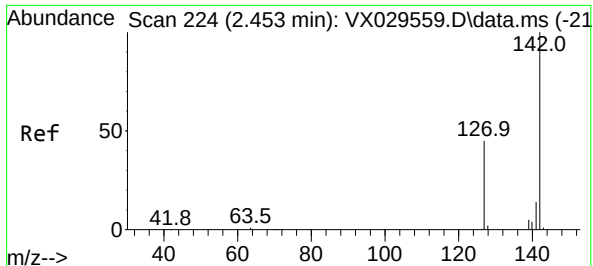
Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 110.0 75.3 112.9



#6
Chloroethane
Concen: 1.439 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

Tgt Ion: 64 Resp: 371
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

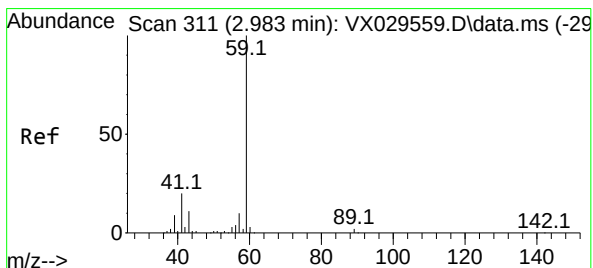
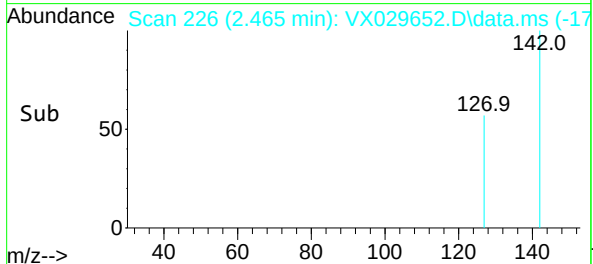
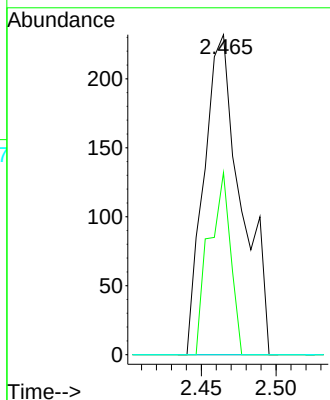
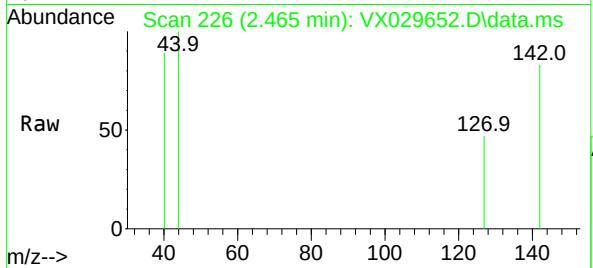




#10
Methyl Iodide
Concen: 3.137 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

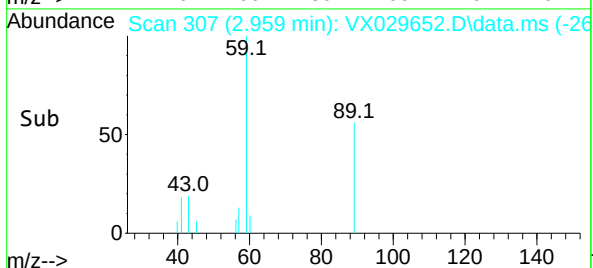
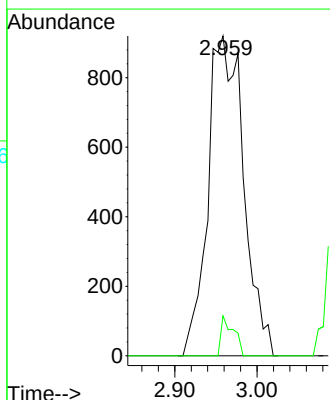
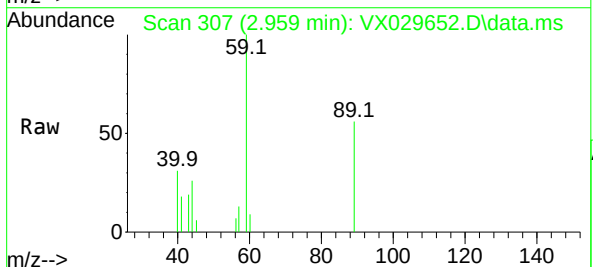
Instrument :
MSVOA_X
ClientSampleId :
MW-59

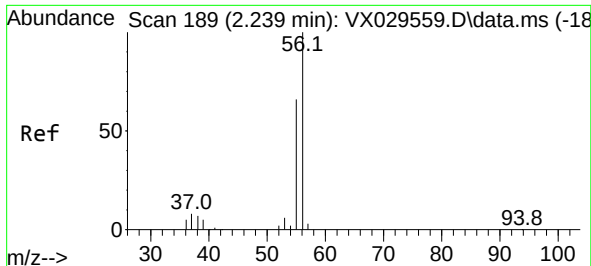
Tgt Ion:142 Resp: 399
Ion Ratio Lower Upper
142 100
127 33.1 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

Tgt Ion: 59 Resp: 2770
Ion Ratio Lower Upper
59 100
57 4.4 8.3 12.5#





#13

Acrolein

Concen: 21.038 ug/l

RT: 2.343 min Scan# 206

Delta R.T. 0.104 min

Lab File: VX029652.D

Acq: 21 Jun 2022 09:38

Instrument :

MSVOA_X

ClientSampleId :

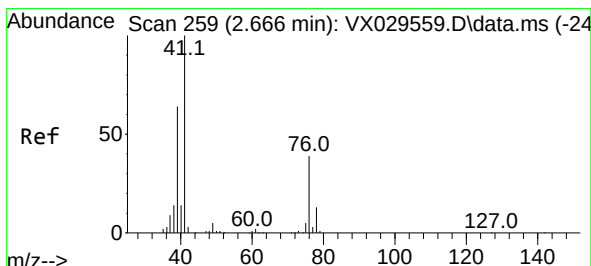
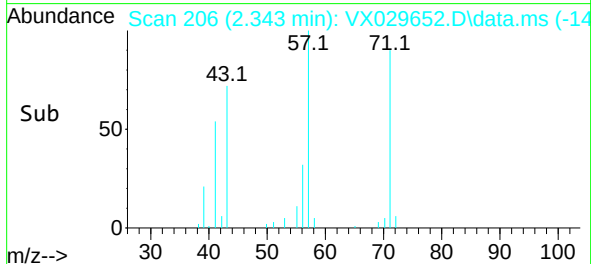
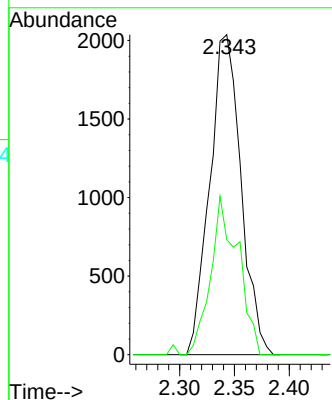
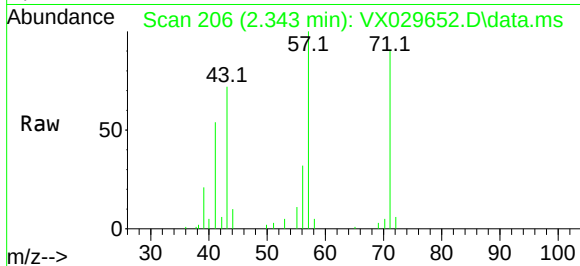
MW-59

Tgt Ion: 56 Resp: 4034

Ion Ratio Lower Upper

56 100

55 43.6 55.0 82.6#



#14

Allyl chloride

Concen: 1.616 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX029652.D

Acq: 21 Jun 2022 09:38

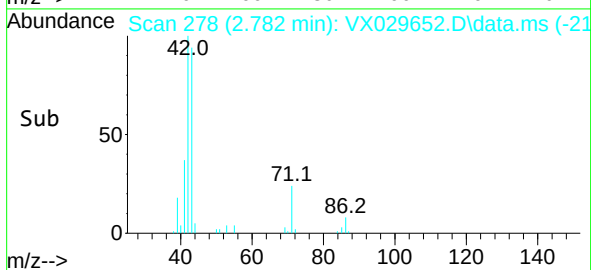
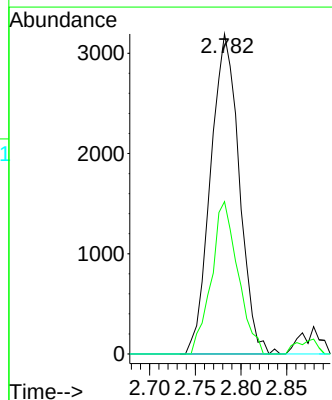
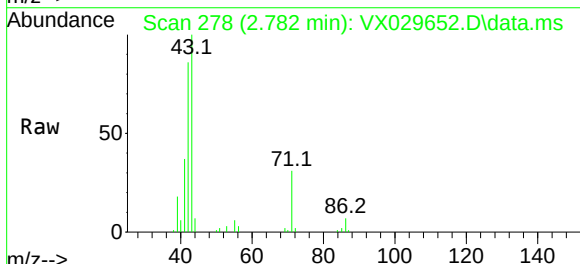
Tgt Ion: 41 Resp: 6953

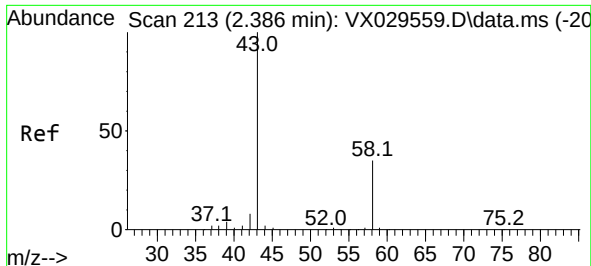
Ion Ratio Lower Upper

41 100

39 44.2 50.4 75.6#

76 0.0 32.7 49.1#

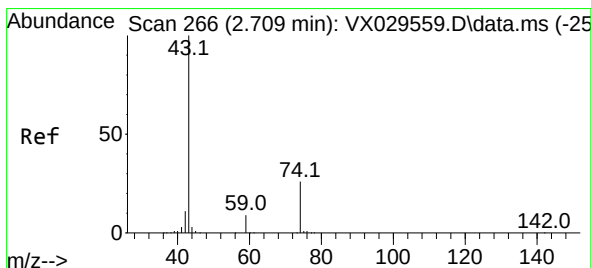
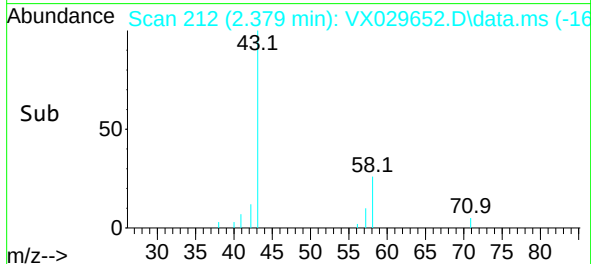
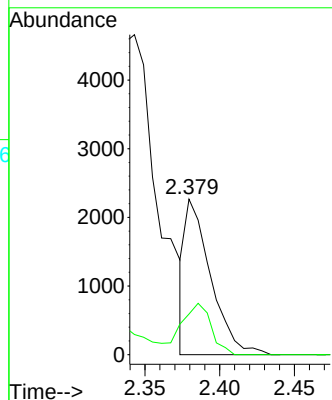
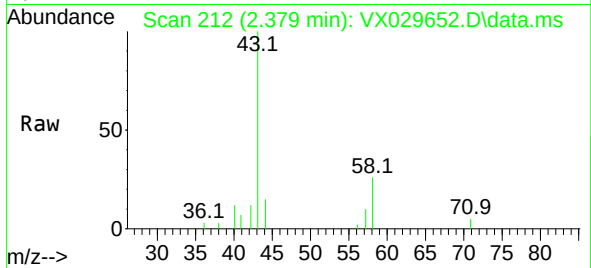




#16
Acetone
Concen: 1.926 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

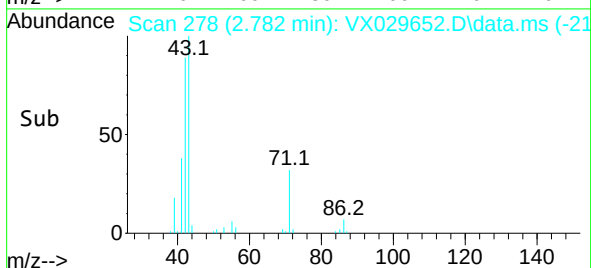
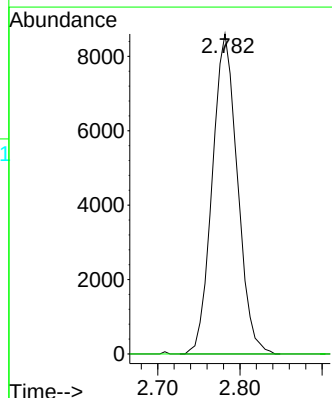
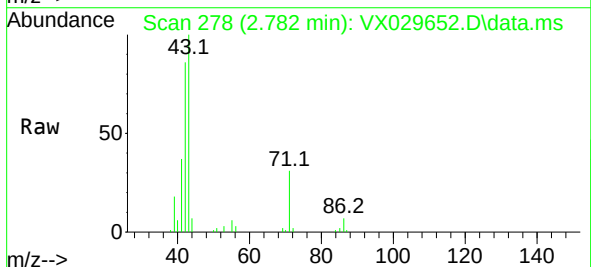
Instrument :
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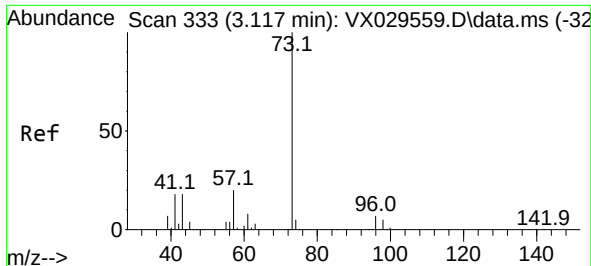
Tgt Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
58 26.1 28.8 43.2#



#18
Methyl Acetate
Concen: 4.994 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.073 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

Tgt Ion: 43 Resp: 18321
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#19

Methyl tert-butyl Ether

Concen: 1.725 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX029652.D

Acq: 21 Jun 2022 09:38

Instrument :

MSVOA_X

ClientSampleId :

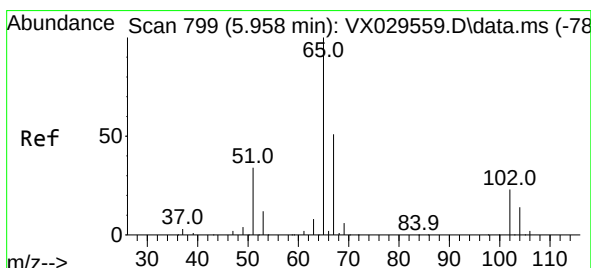
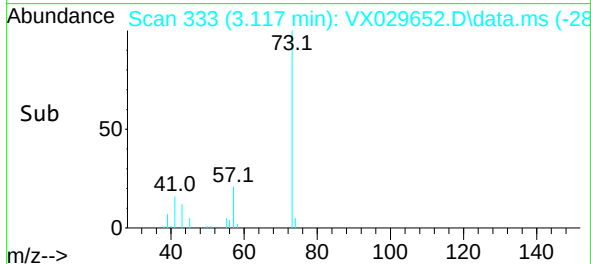
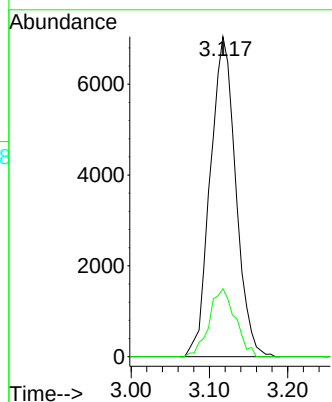
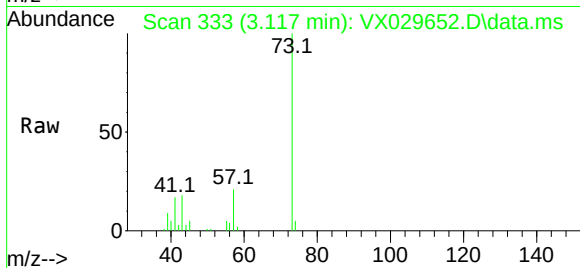
MW-59

Tgt Ion: 73 Resp: 15953

Ion Ratio Lower Upper

73 100

57 21.2 16.8 25.2



#33

1,2-Dichloroethane-d4

Concen: 42.906 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029652.D

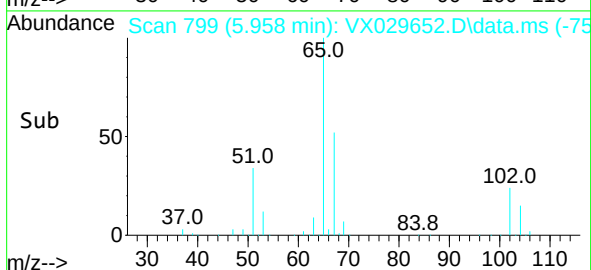
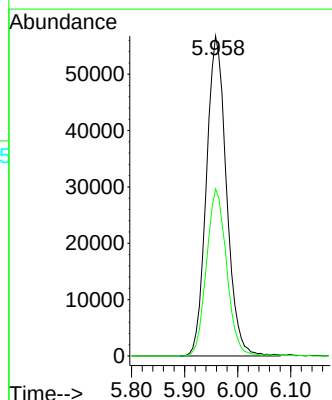
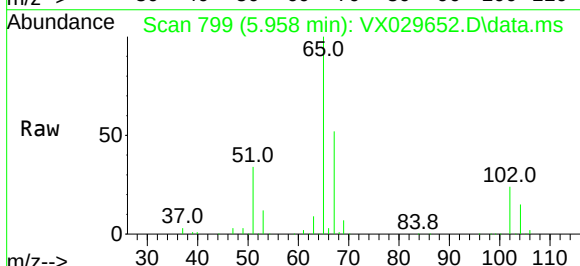
Acq: 21 Jun 2022 09:38

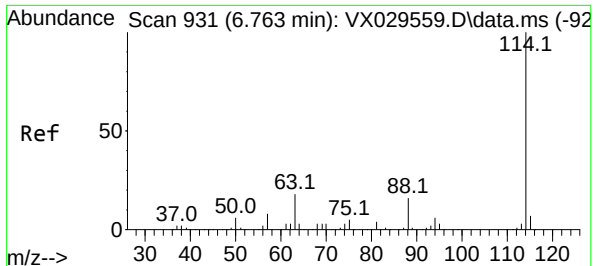
Tgt Ion: 65 Resp: 149353

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4

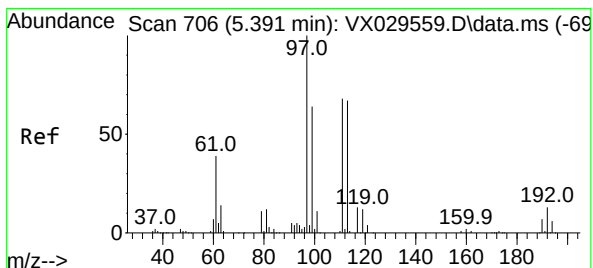
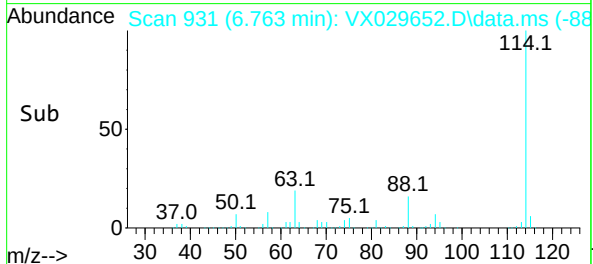
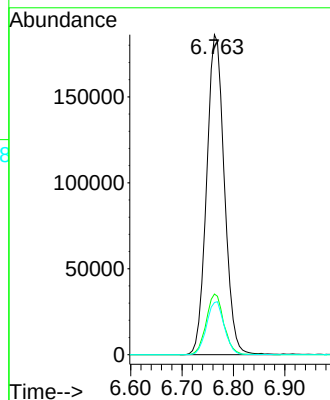
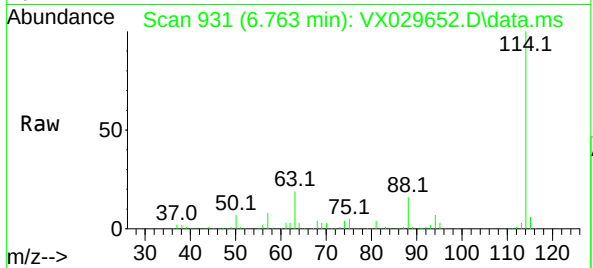




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

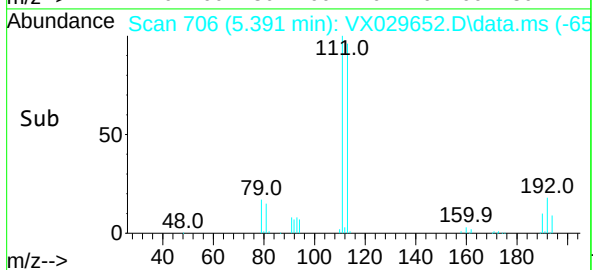
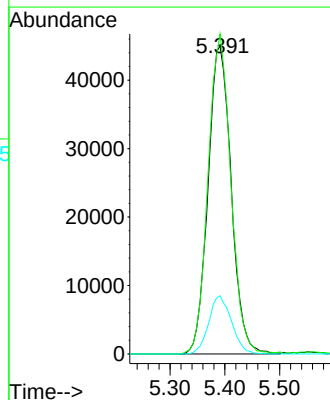
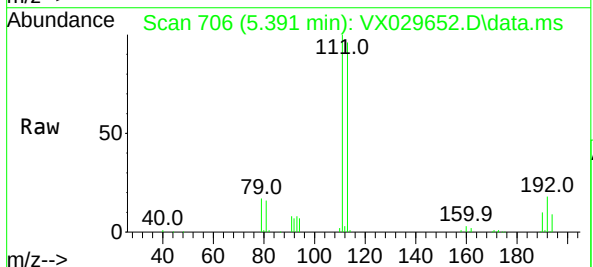
Instrument :
MSVOA_X
ClientSampleId :
MW-59

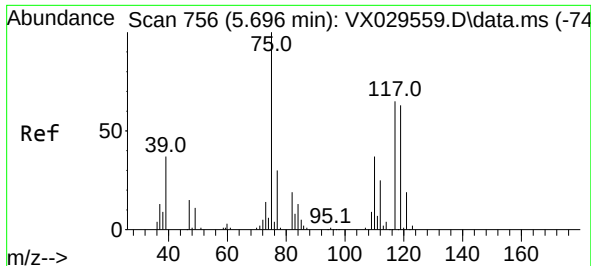
Tgt Ion:114 Resp: 445787
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.582 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

Tgt Ion:113 Resp: 132423
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.5 16.9 25.3

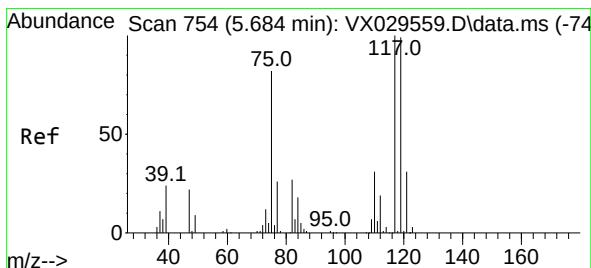
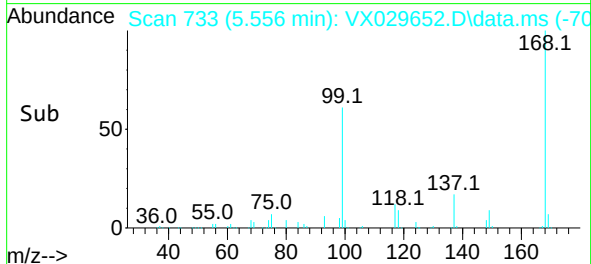
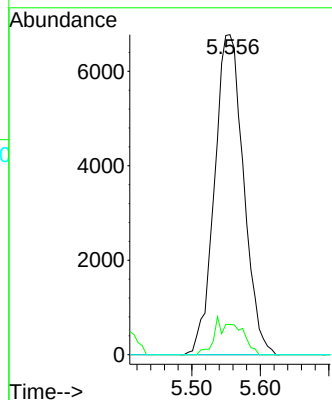
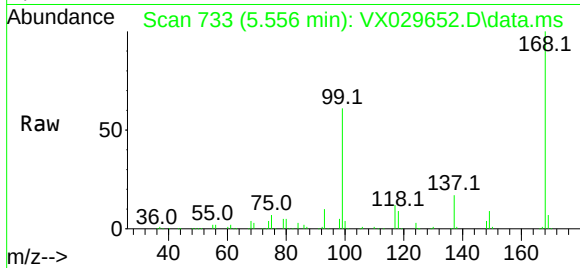




#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

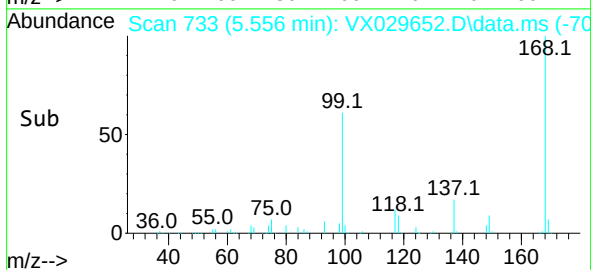
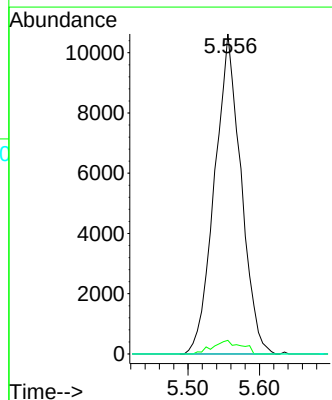
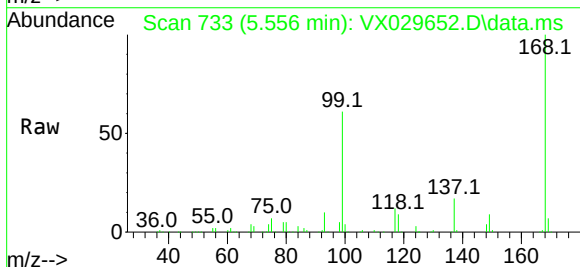
Instrument :
MSVOA_X
ClientSampleId :
MW-59

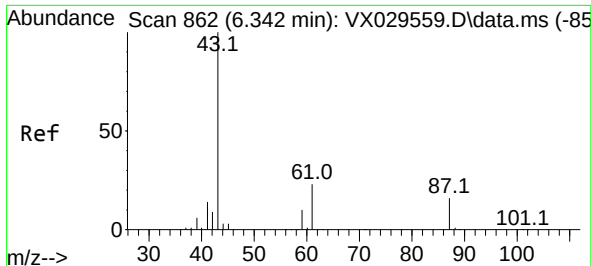
Tgt Ion: 75 Resp: 19913
Ion Ratio Lower Upper
75 100
110 3.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.041 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

Tgt Ion: 117 Resp: 27224
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 4.840 ug/l

RT: 6.251 min Scan# 84

Delta R.T. -0.091 min

Lab File: VX029652.D

Acq: 21 Jun 2022 09:38

Instrument :

MSVOA_X

ClientSampleId :

MW-59

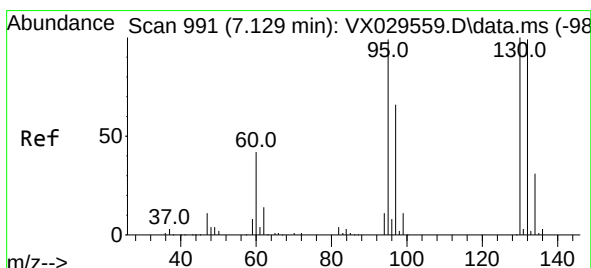
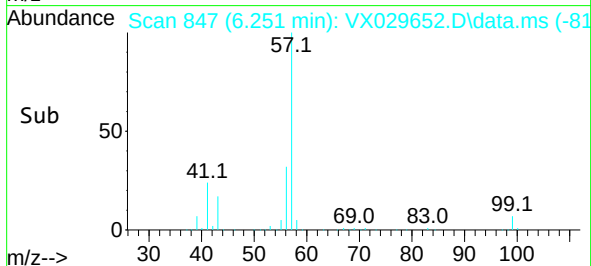
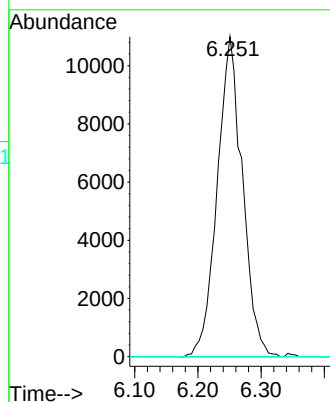
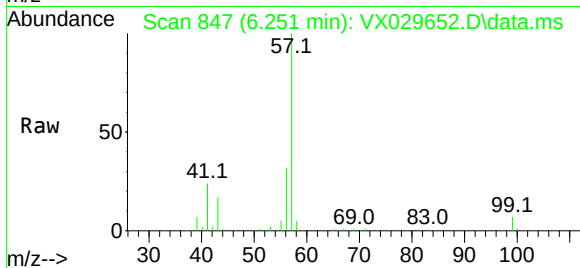
Tgt Ion: 43 Resp: 30334

Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 0.0 13.0 19.6#



#44

Trichloroethene

Concen: Below Cal

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX029652.D

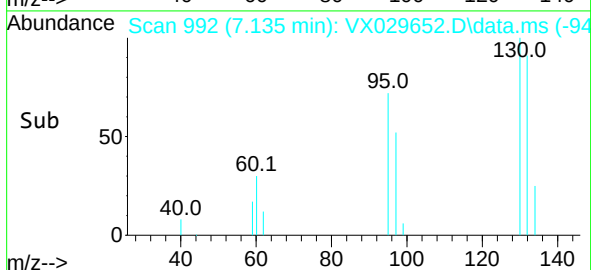
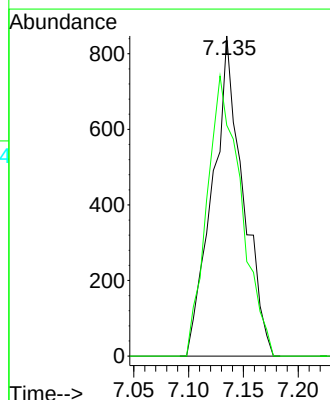
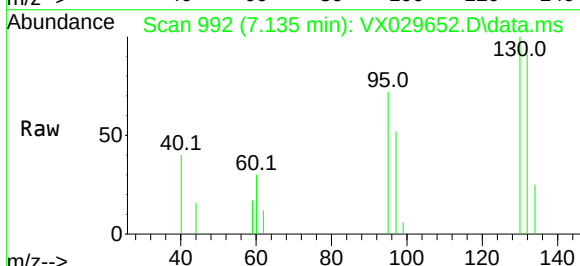
Acq: 21 Jun 2022 09:38

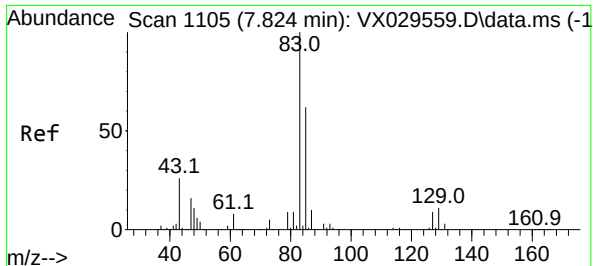
Tgt Ion:130 Resp: 1641

Ion Ratio Lower Upper

130 100

95 72.1 0.0 188.8





#47

Bromodichloromethane

Concen: 0.239 ug/l

RT: 7.872 min Scan# 1113

Delta R.T. 0.048 min

Lab File: VX029652.D

Acq: 21 Jun 2022 09:38

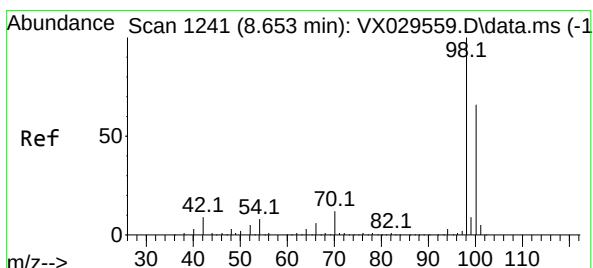
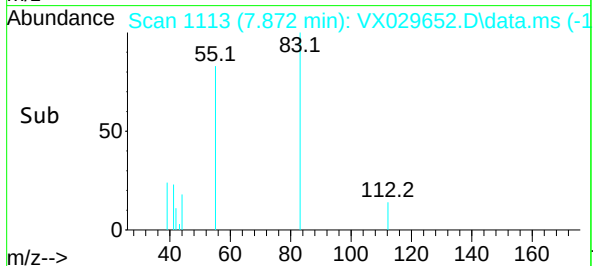
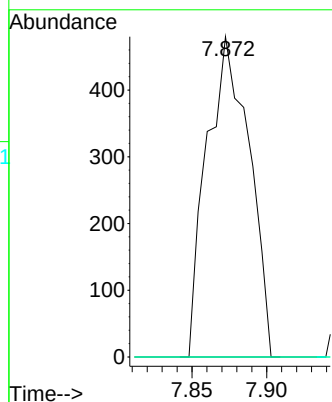
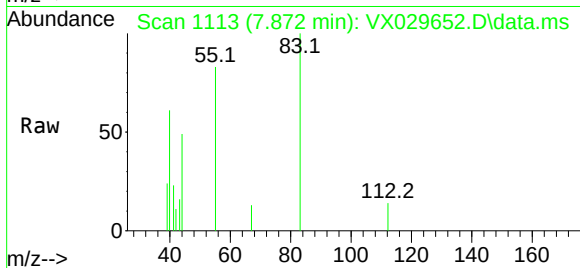
Instrument :

MSVOA_X

ClientSampleId :

MW-59

Tgt Ion: 83	Resp: 946
Ion Ratio	Lower Upper
83 100	
85 0.0	52.2 78.2#
127 0.0	6.8 10.2#



#50

Toluene-d8

Concen: 47.735 ug/l

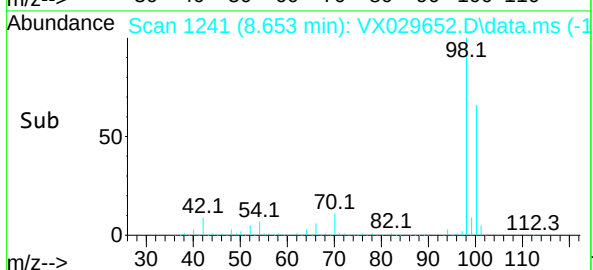
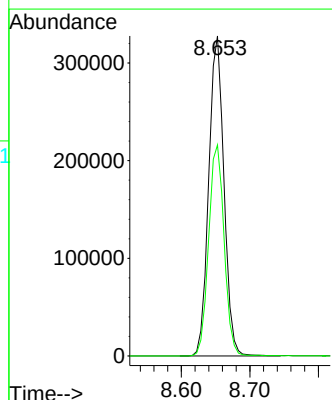
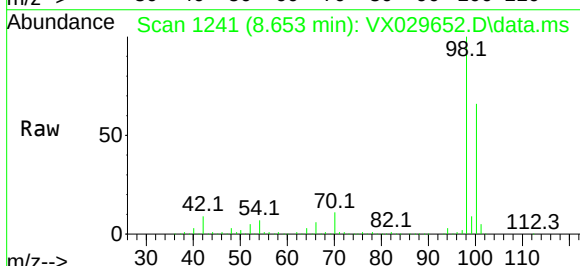
RT: 8.653 min Scan# 1241

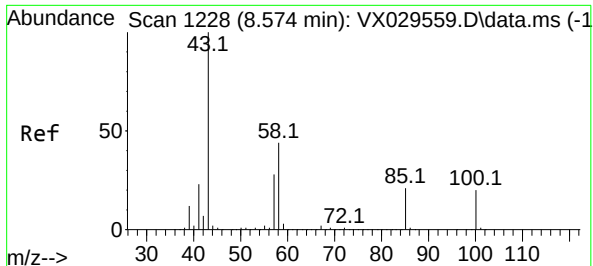
Delta R.T. -0.000 min

Lab File: VX029652.D

Acq: 21 Jun 2022 09:38

Tgt Ion: 98	Resp: 506612
Ion Ratio	Lower Upper
98 100	
100 67.2	52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.773 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.079 min

Lab File: VX029652.D

Acq: 21 Jun 2022 09:38

Instrument :

MSVOA_X

ClientSampleId :

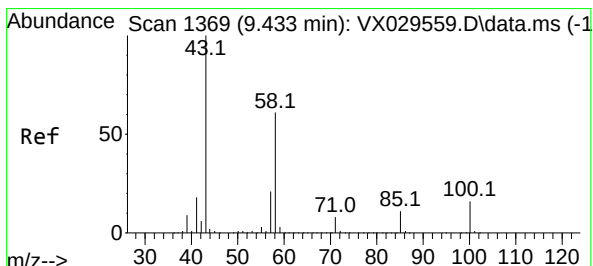
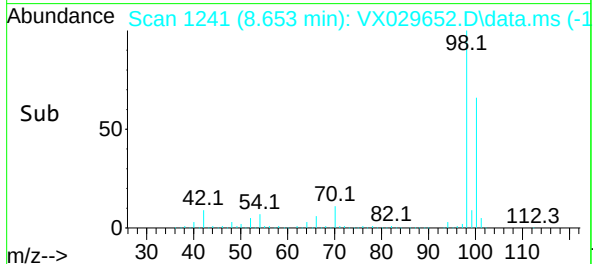
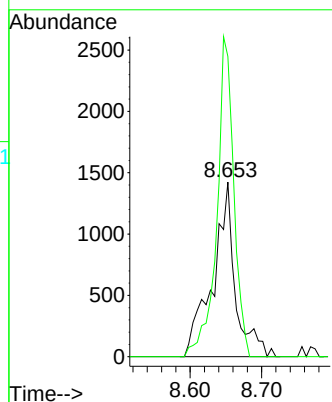
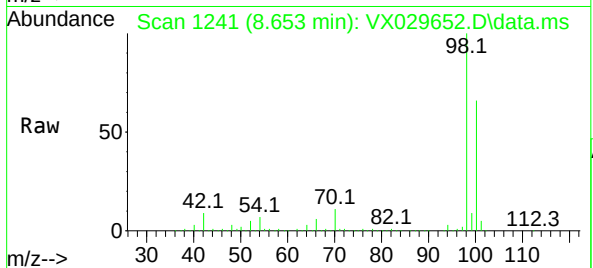
MW-59

Tgt Ion: 43 Resp: 3123

Ion Ratio Lower Upper

43 100

58 137.4 36.1 54.1#



#59

2-Hexanone

Concen: 0.271 ug/l

RT: 9.250 min Scan# 1339

Delta R.T. -0.183 min

Lab File: VX029652.D

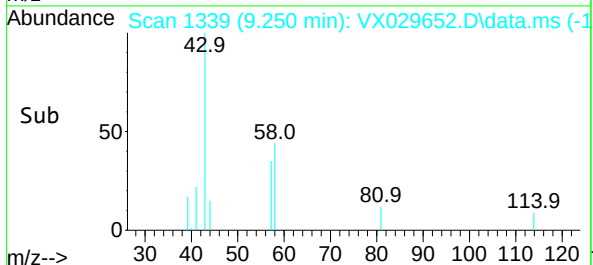
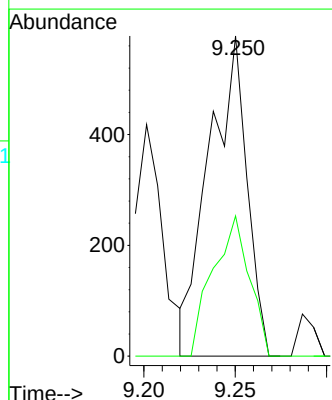
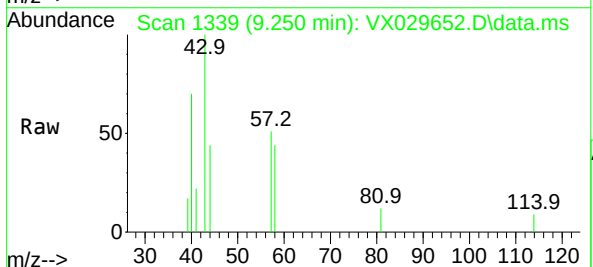
Acq: 21 Jun 2022 09:38

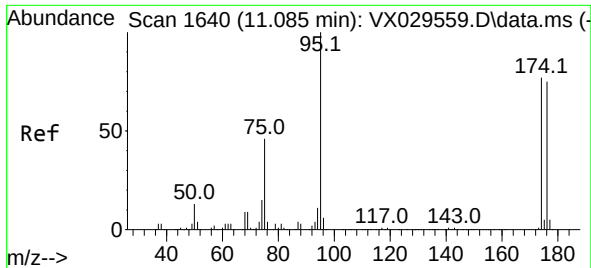
Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

58 42.7 31.9 95.7

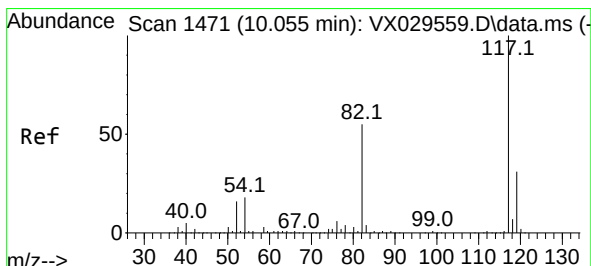
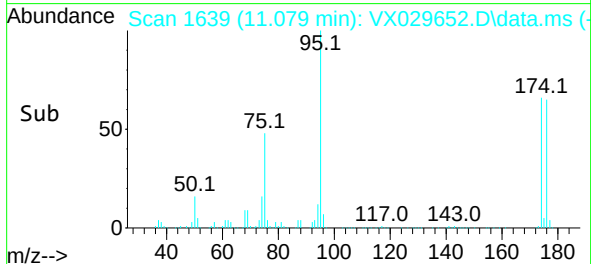
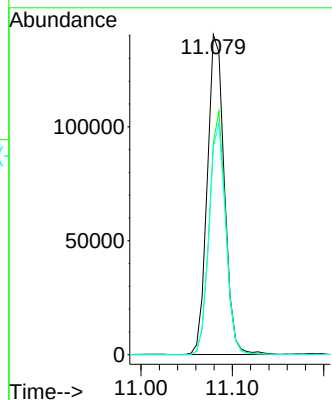
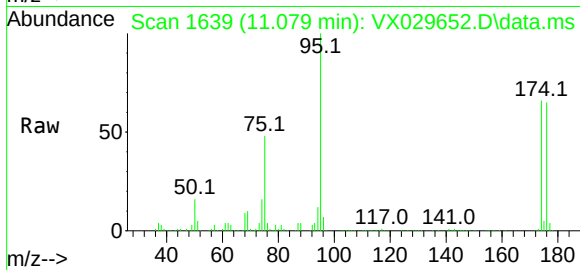




#62
4-Bromofluorobenzene
Concen: 45.335 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

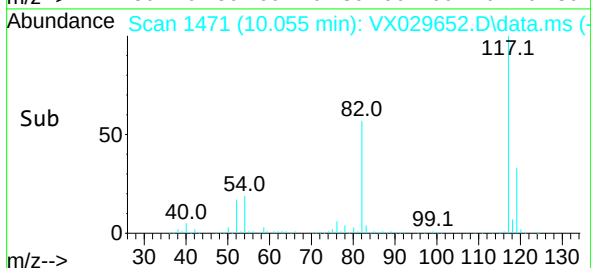
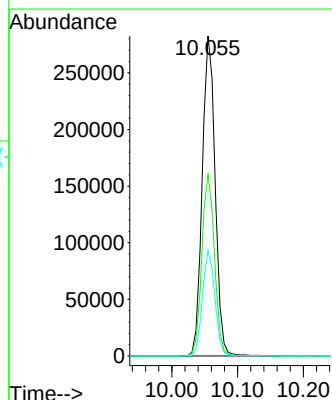
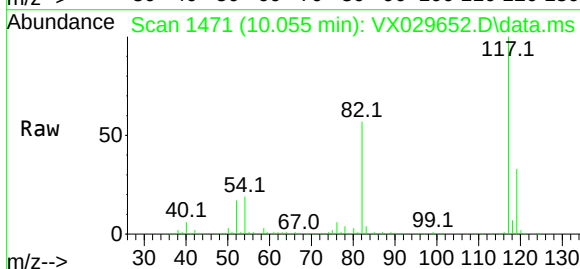
Instrument :
MSVOA_X
ClientSampleId :
MW-59

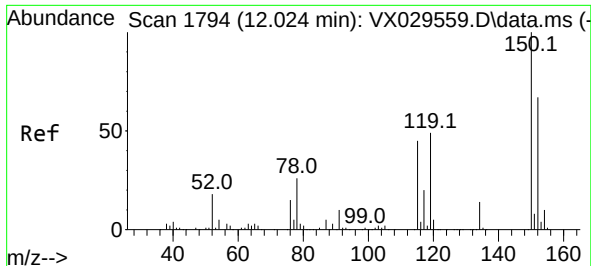
Tgt Ion: 95 Resp: 181442
Ion Ratio Lower Upper
95 100
174 73.1 0.0 163.0
176 70.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029652.D
Acq: 21 Jun 2022 09:38

Tgt Ion: 117 Resp: 385638
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.9 24.8 37.2

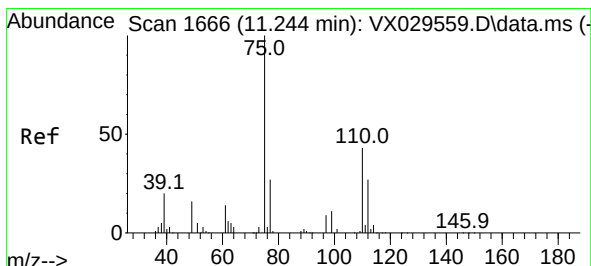
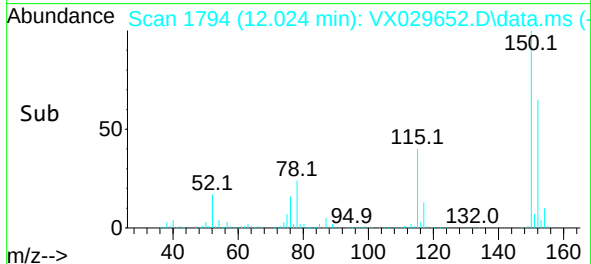
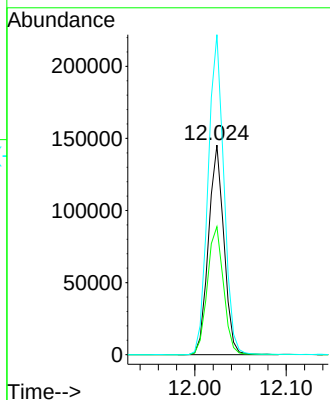
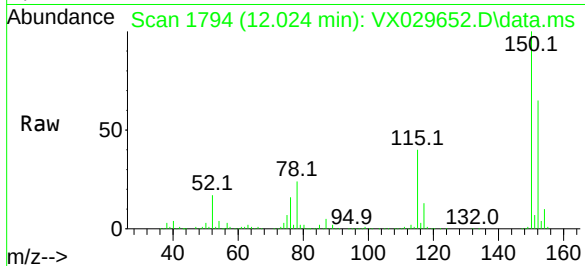




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029652.D
 Acq: 21 Jun 2022 09:38

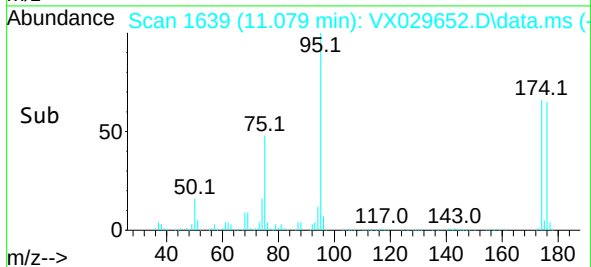
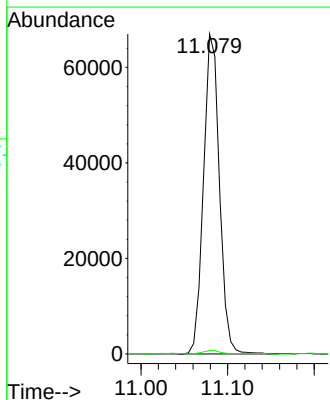
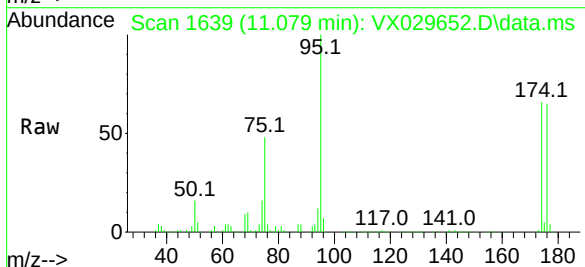
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-59

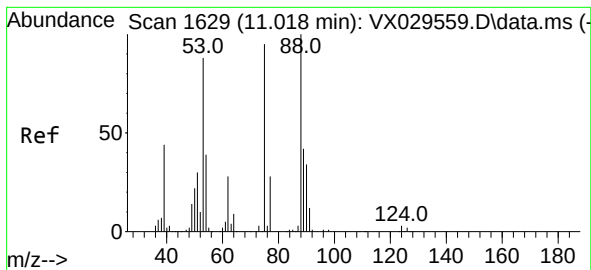
Tgt Ion:152 Resp: 170062
 Ion Ratio Lower Upper
 152 100
 115 64.1 37.5 112.7
 150 156.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.087 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029652.D
 Acq: 21 Jun 2022 09:38

Tgt Ion: 75 Resp: 85534
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.806 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029652.D
 Acq: 21 Jun 2022 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-59

Tgt Ion: 75 Resp: 85534
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

