

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029621.D
 Acq On : 20 Jun 2022 14:30
 Operator : JC/MD
 Sample : N3290-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19DL

Quant Time: Jun 21 01:50:40 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)

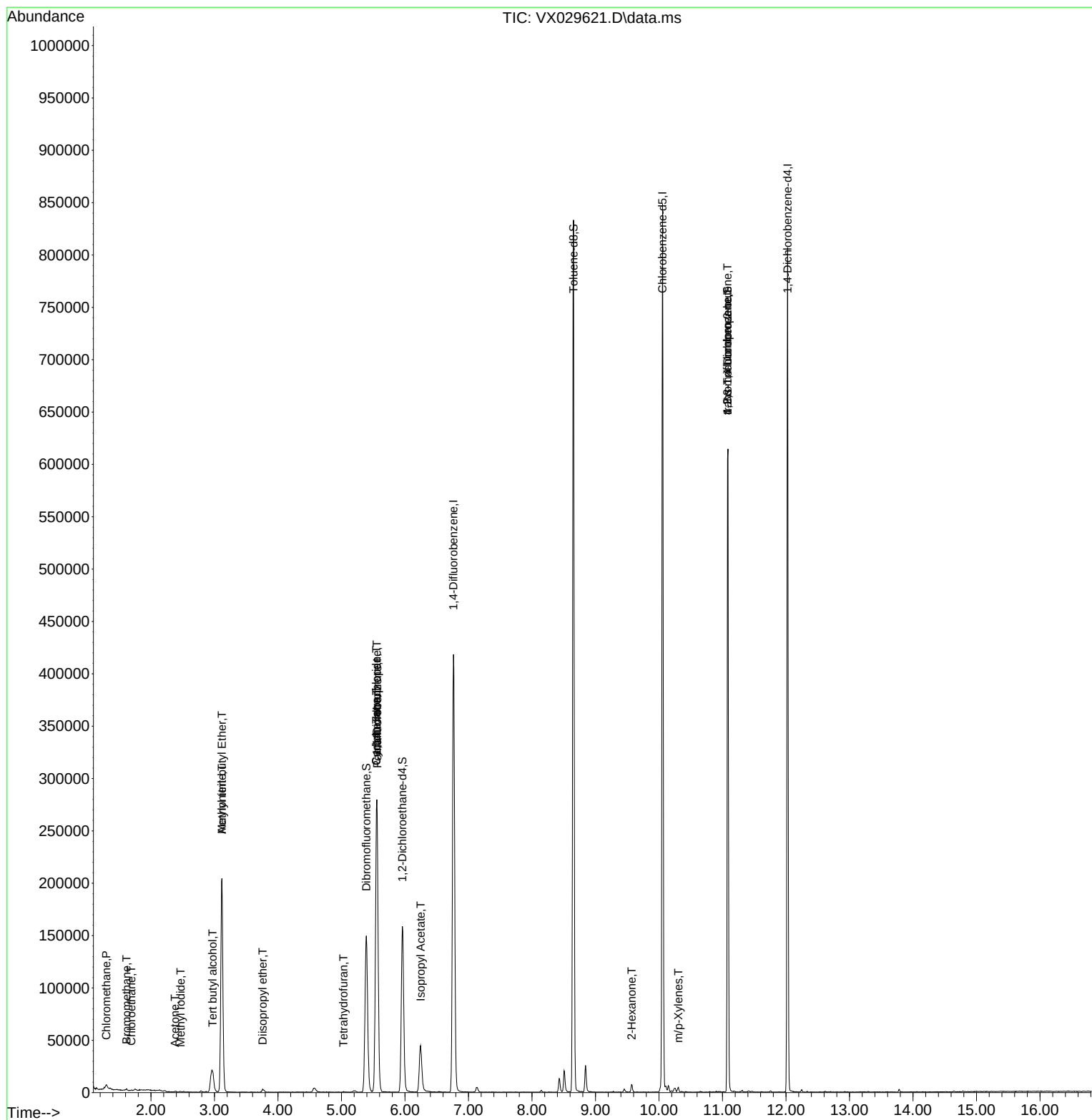
Internal Standards						
1) Pentafluorobenzene	5.562	168	268723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153185	43.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.120%
35) Dibromofluoromethane	5.391	113	133911	45.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.400%
50) Toluene-d8	8.653	98	511218	47.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.480%
62) 4-Bromofluorobenzene	11.079	95	182926	44.821	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	970	0.277	ug/l	95
5) Bromomethane	1.618	94	555	0.337	ug/l	84
6) Chloroethane	1.691	64	212	1.374	ug/l #	43
10) Methyl Iodide	2.465	142	568	3.184	ug/l #	81
11) Tert butyl alcohol	2.971	59	31587	32.705	ug/l	95
15) Acrylonitrile	3.117	53	2275	1.367	ug/l #	35
16) Acetone	2.380	43	837	0.590	ug/l #	73
19) Methyl tert-butyl Ether	3.117	73	239785	25.370	ug/l	97
22) Diisopropyl ether	3.758	45	2715	0.312	ug/l #	87
29) Tetrahydrofuran	5.032	42	387	0.259	ug/l #	36
31) Cyclohexane	5.550	56	5194	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19607	4.890	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27339	6.934	ug/l #	15
43) Isopropyl Acetate	6.245	43	11225	1.756	ug/l #	57
44) Trichloroethene	7.129	130	2358	Below Cal		65
59) 2-Hexanone	9.567	43	1567	0.502	ug/l	84
68) m/p-Xylenes	10.305	106	1120	0.209	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	87218	23.896	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87218	79.497	ug/l #	15

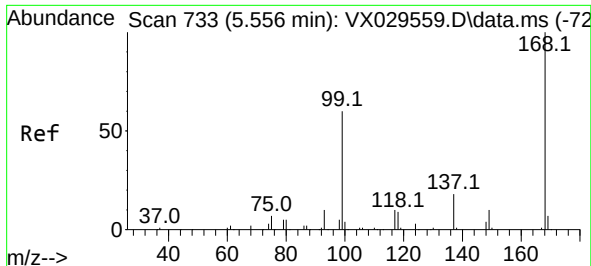
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 20 01:31:01 2022
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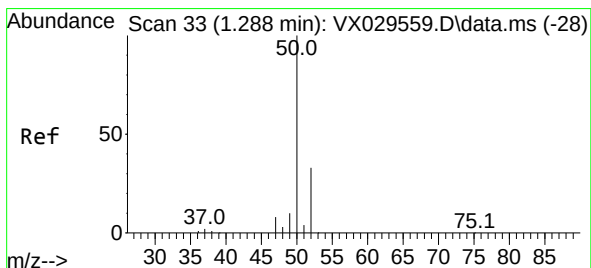
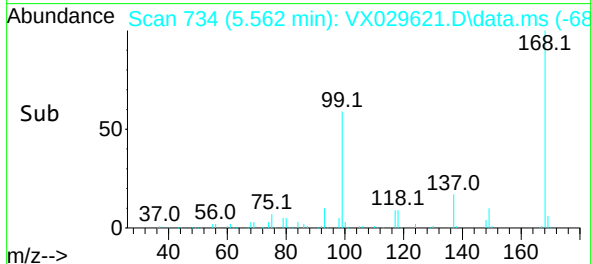
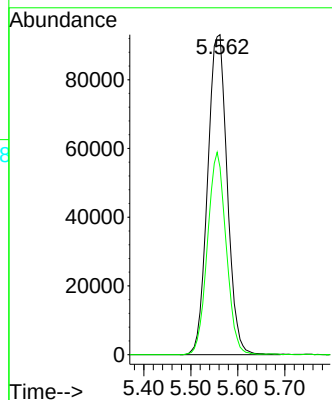
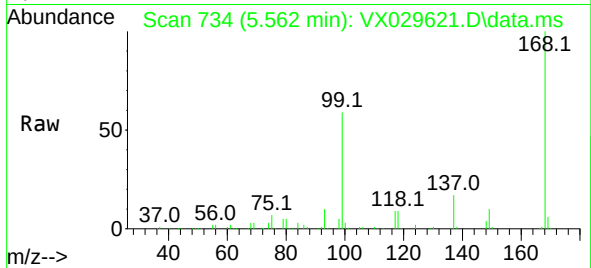




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

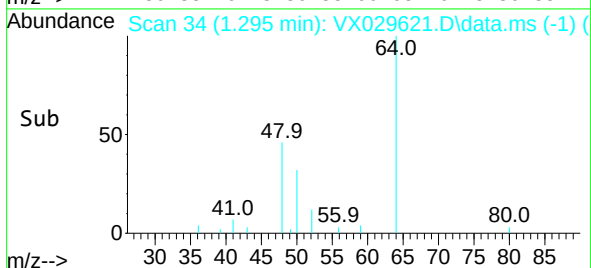
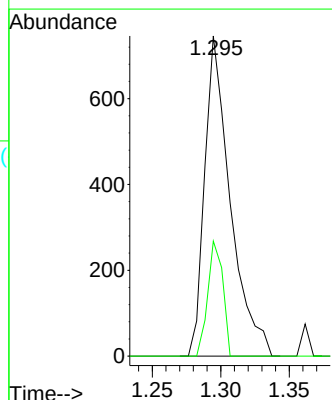
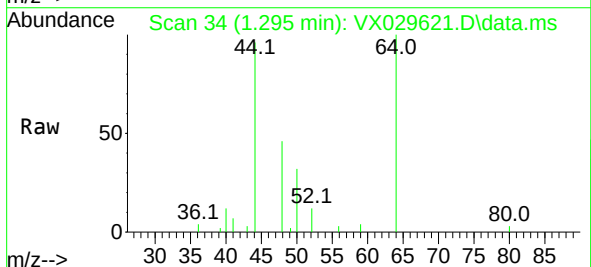
Instrument :
MSVOA_X
ClientSampleId :
MW-19DL

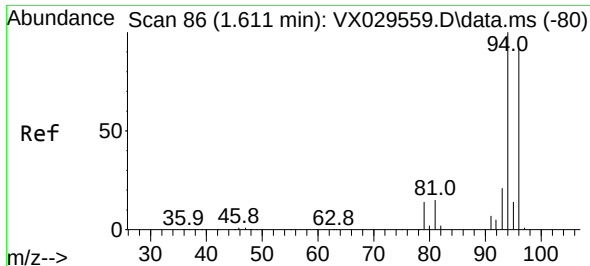
Tgt Ion:168 Resp: 268723
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#3
Chloromethane
Concen: 0.277 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 50 Resp: 970
Ion Ratio Lower Upper
50 100
52 35.9 26.4 39.6

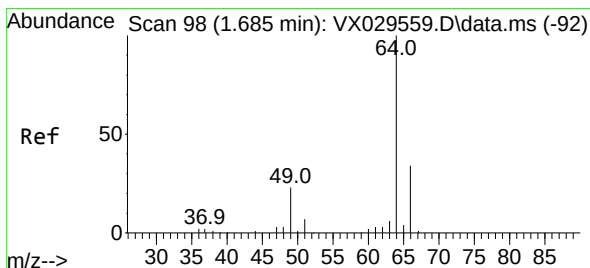
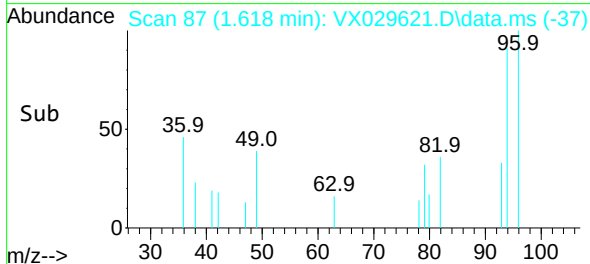
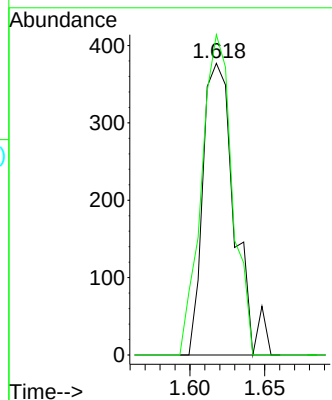
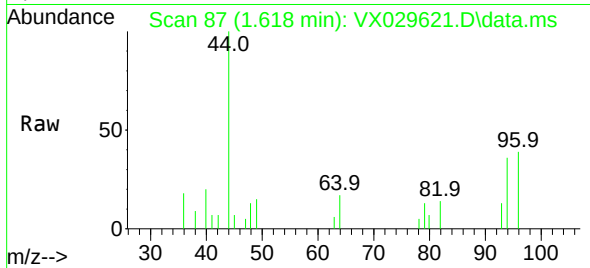




#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

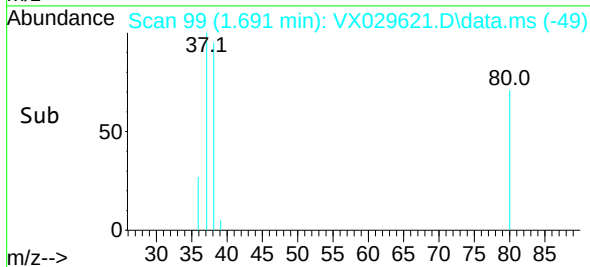
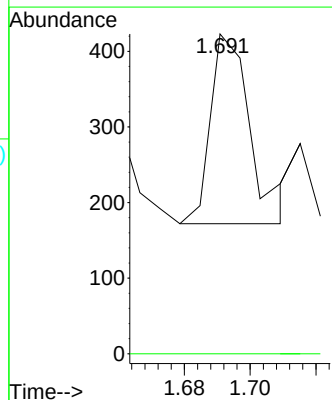
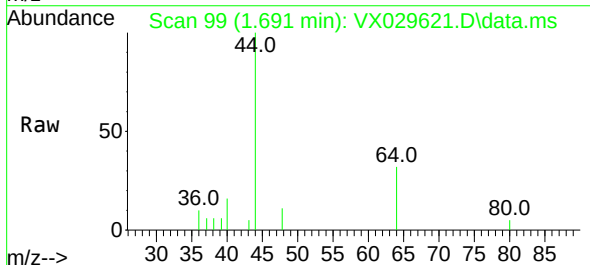
Instrument :
MSVOA_X
ClientSampleId :
MW-19DL

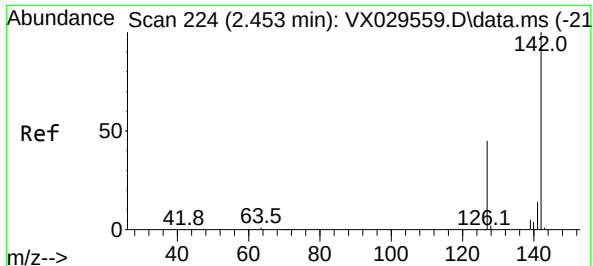
Tgt Ion: 94 Resp: 555
Ion Ratio Lower Upper
94 100
96 109.8 75.3 112.9



#6
Chloroethane
Concen: 1.374 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

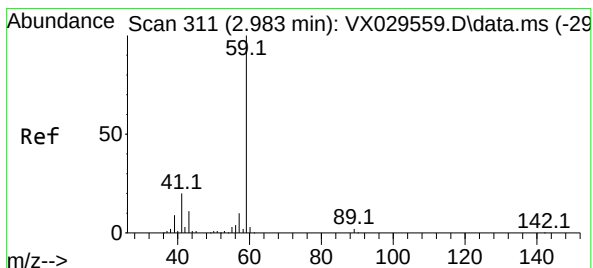
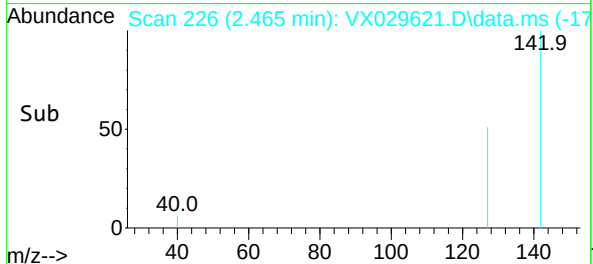
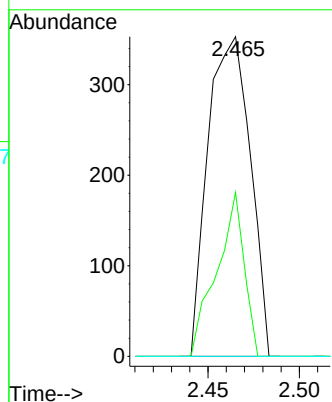
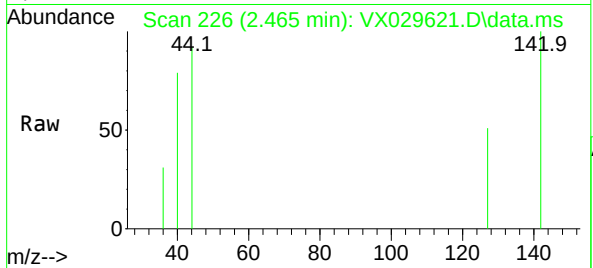




#10
Methyl Iodide
Concen: 3.184 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

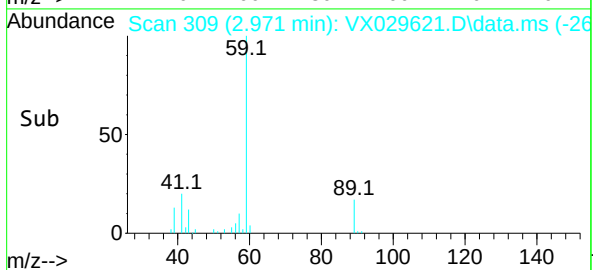
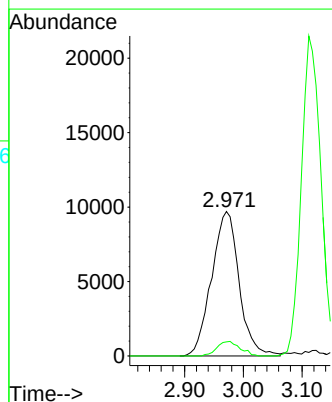
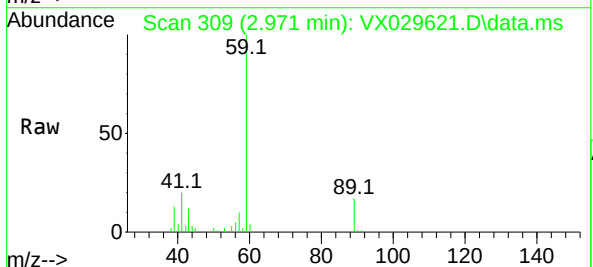
Instrument :
MSVOA_X
ClientSampleId :
MW-19DL

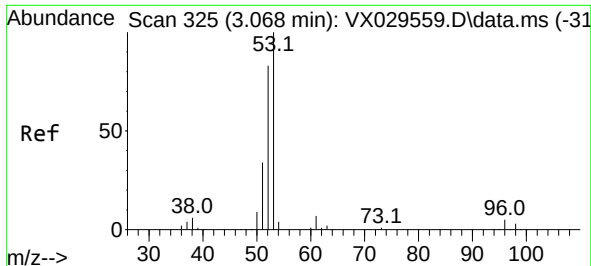
Tgt Ion:142 Resp: 568
Ion Ratio Lower Upper
142 100
127 33.5 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 32.705 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 59 Resp: 31587
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5





#15

Acrylonitrile

Concen: 1.367 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX029621.D

Acq: 20 Jun 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-19DL

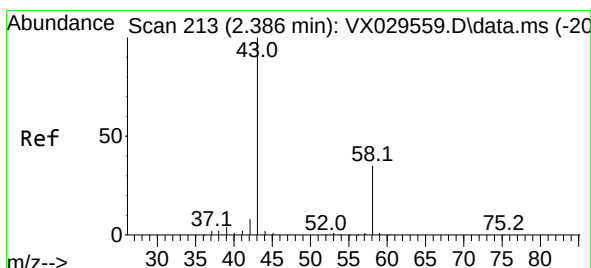
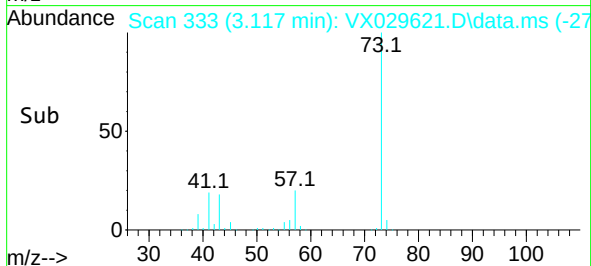
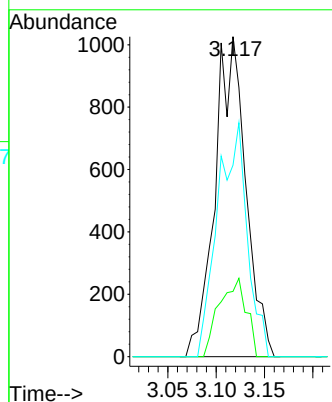
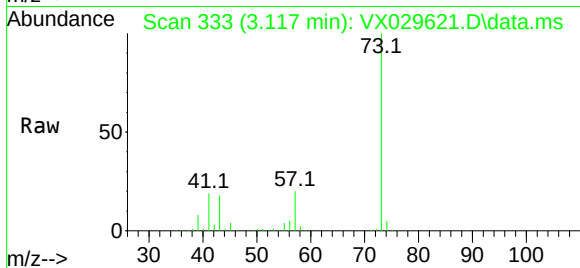
Tgt Ion: 53 Resp: 2275

Ion Ratio Lower Upper

53 100

52 21.5 65.7 98.5#

51 69.9 28.4 42.6#



#16

Acetone

Concen: 0.590 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX029621.D

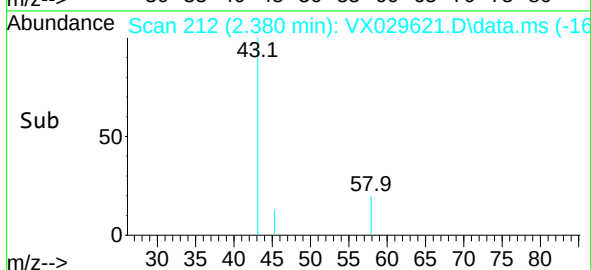
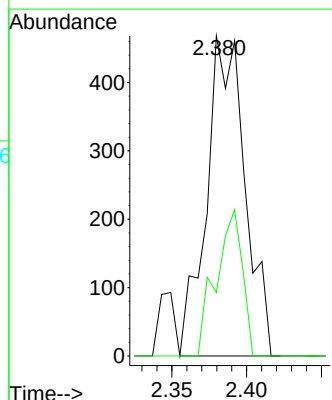
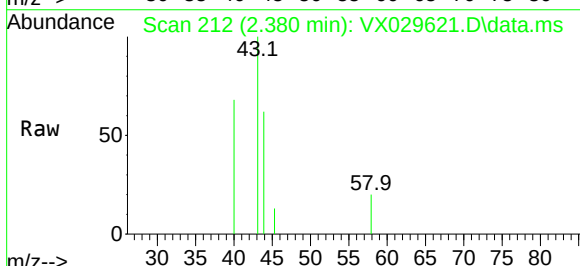
Acq: 20 Jun 2022 14:30

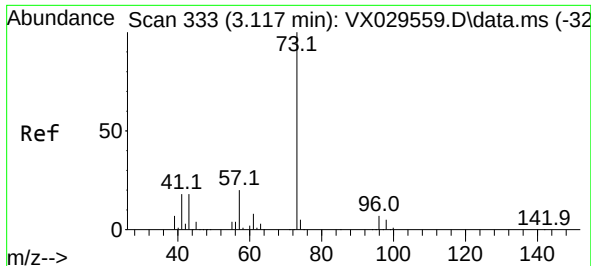
Tgt Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

58 19.9 28.8 43.2#

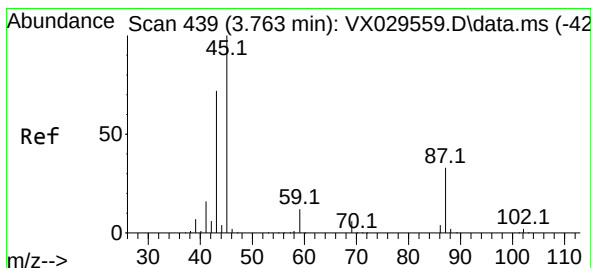
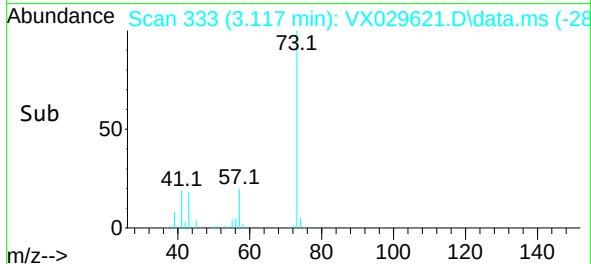
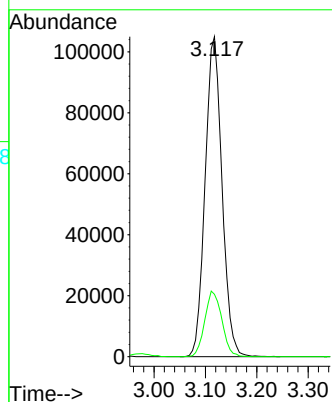
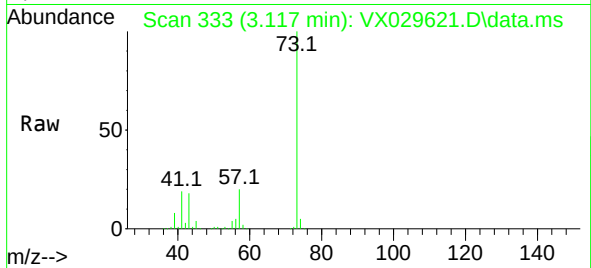




#19
Methyl tert-butyl Ether
Concen: 25.370 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

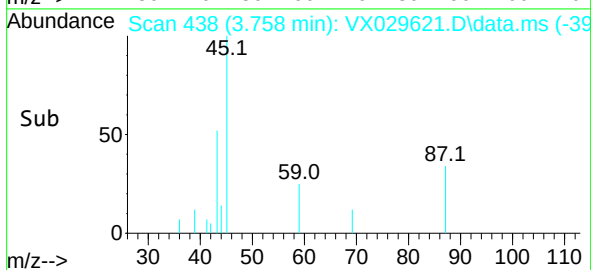
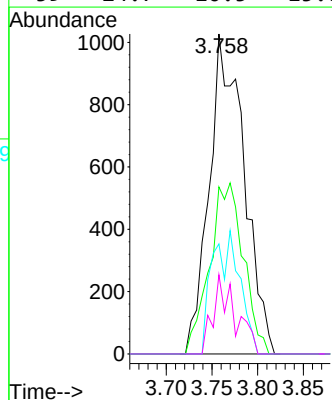
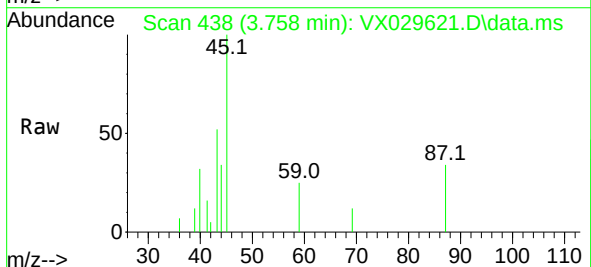
Instrument :
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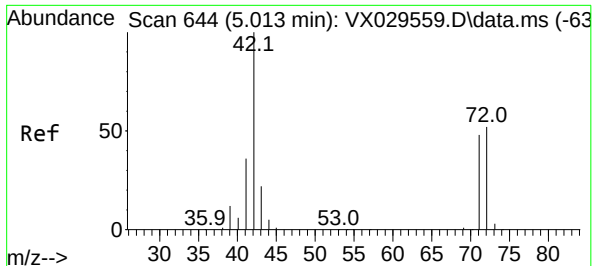
Tgt Ion: 73 Resp: 239785
Ion Ratio Lower Upper
73 100
57 19.5 16.8 25.2



#22
Diisopropyl ether
Concen: 0.312 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.005 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 45 Resp: 2715
Ion Ratio Lower Upper
45 100
43 52.2 50.8 76.2
87 34.4 26.6 39.8
59 24.7 10.5 15.7#





#29

Tetrahydrofuran

Concen: 0.259 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX029621.D

Acq: 20 Jun 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-19DL

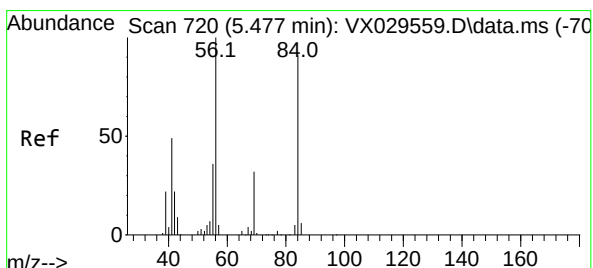
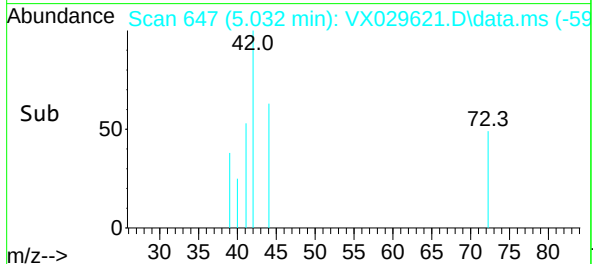
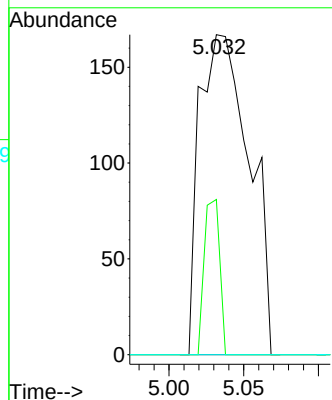
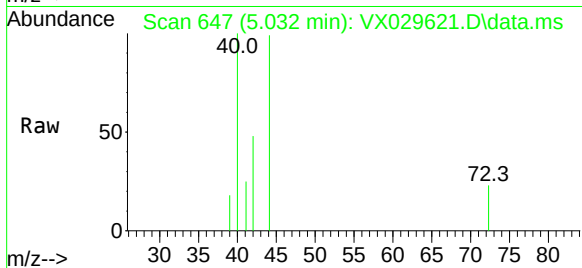
Tgt Ion: 42 Resp: 387

Ion Ratio Lower Upper

42 100

72 15.0 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX029621.D

Acq: 20 Jun 2022 14:30

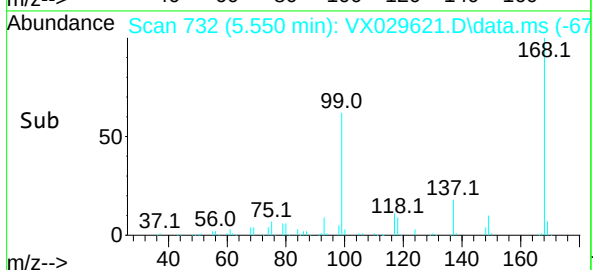
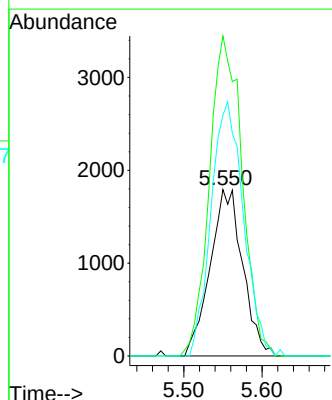
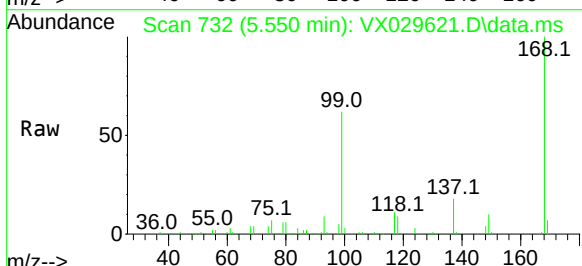
Tgt Ion: 56 Resp: 5194

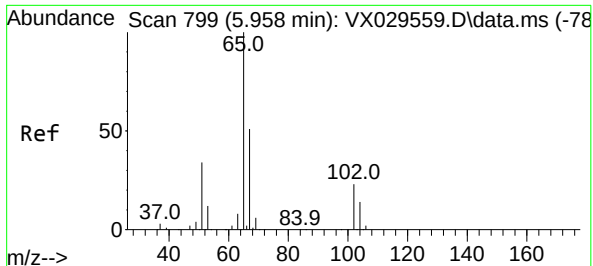
Ion Ratio Lower Upper

56 100

69 192.2 26.7 40.1#

84 144.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.064 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029621.D

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Instrument :

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ClientSampleId :

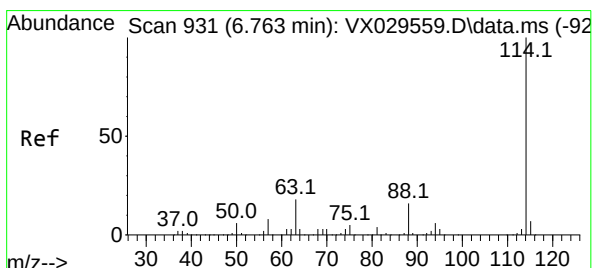
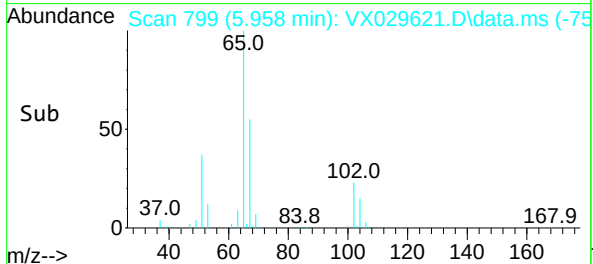
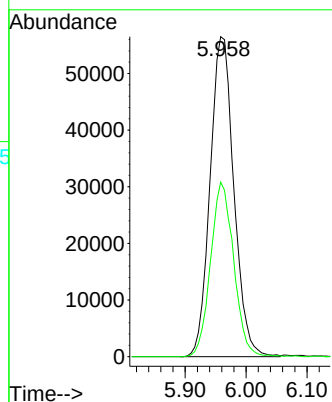
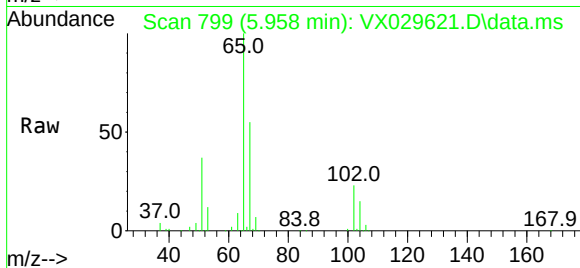
MW-19DL

Tgt Ion: 65 Resp: 153185

Ion Ratio Lower Upper

65 100

67 53.0 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: VX029621.D

Acq: 20 Jun 2022 14:30

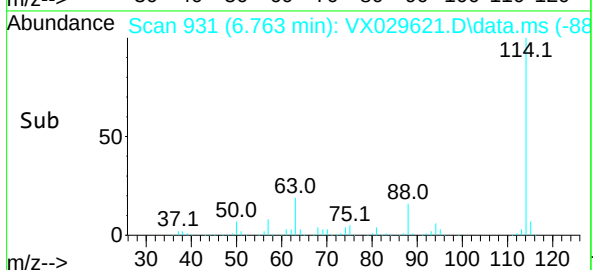
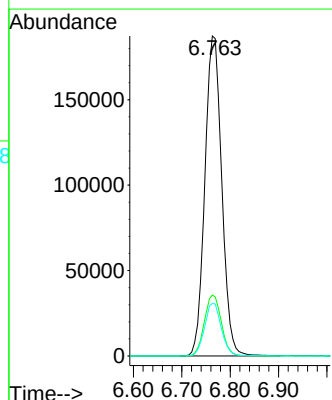
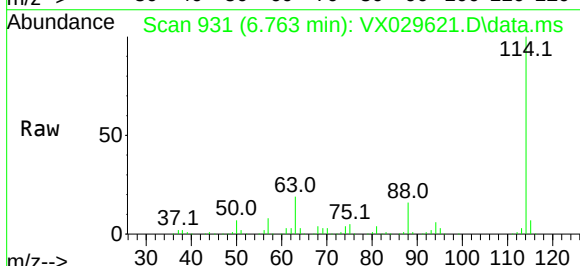
Tgt Ion: 114 Resp: 454585

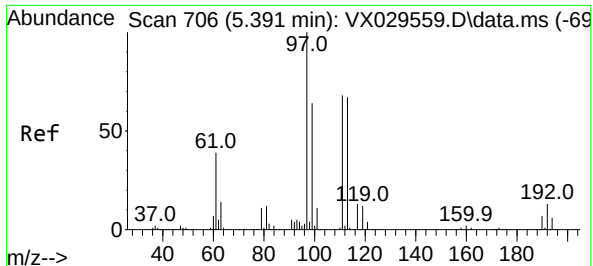
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.4 0.0 32.4

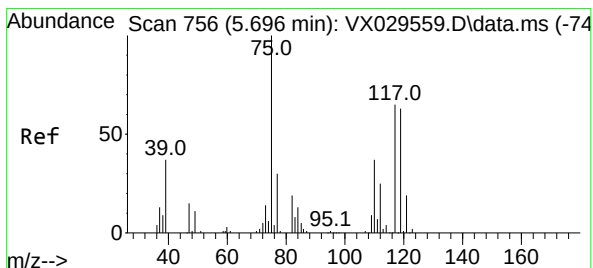
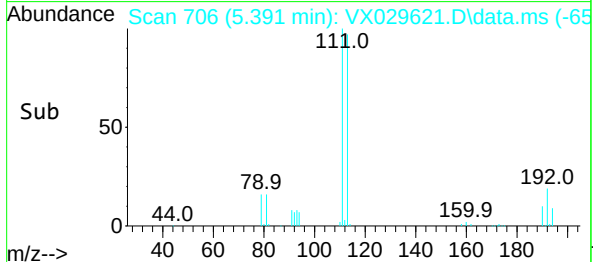
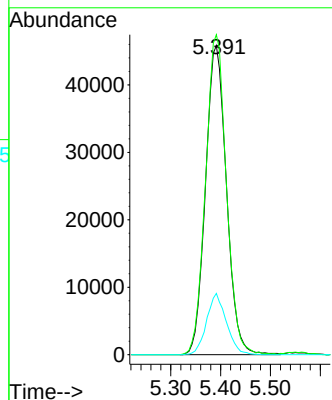
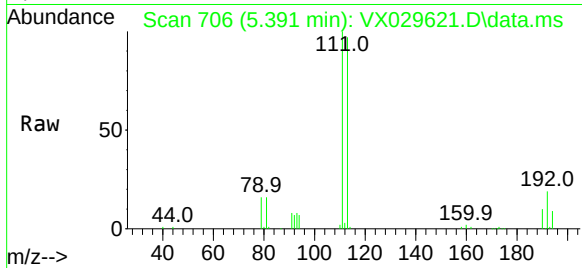




#35
Dibromofluoromethane
Concen: 45.203 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

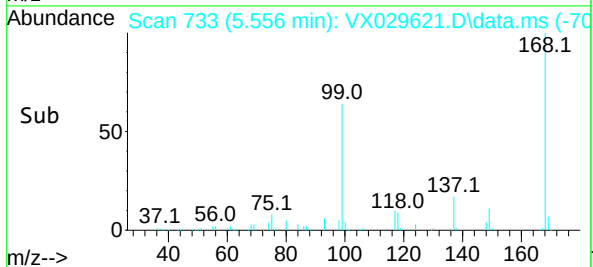
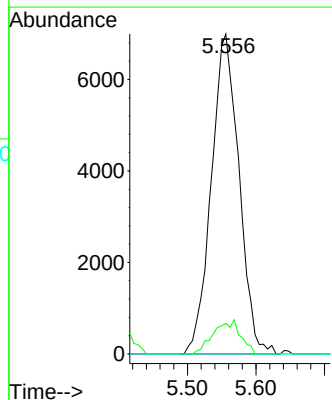
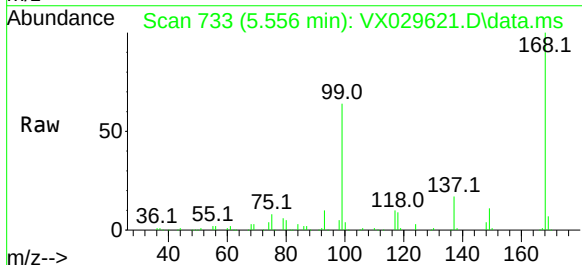
Instrument :
MSVOA_X
ClientSampleId :
MW-19DL

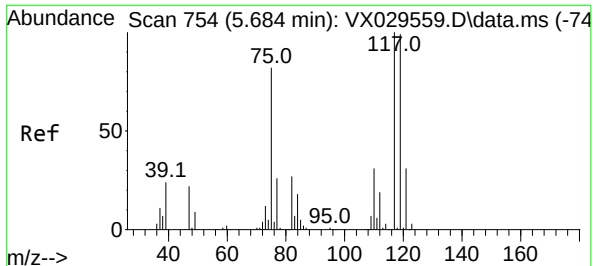
Tgt Ion:113 Resp: 133911
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 75 Resp: 19607
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#

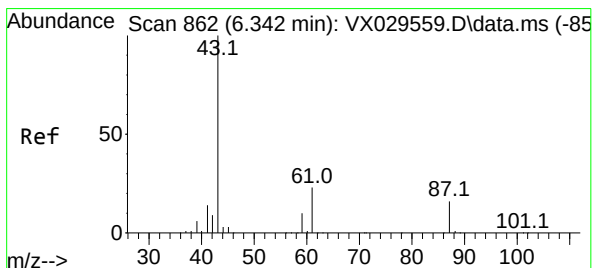
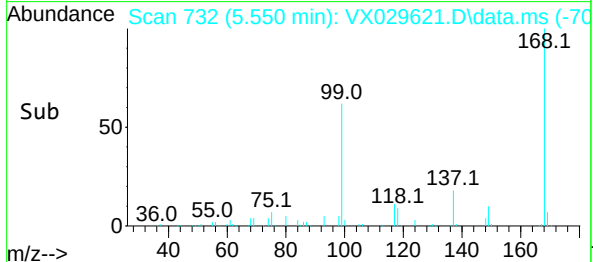
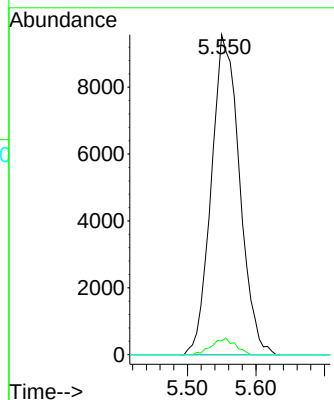
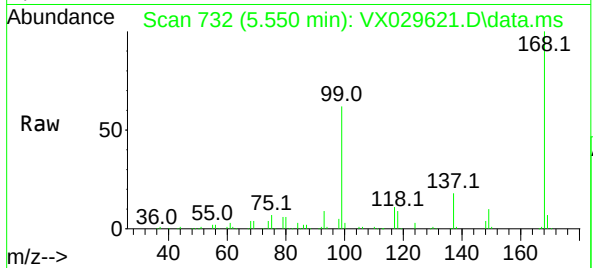




#38
Carbon Tetrachloride
Concen: 6.934 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

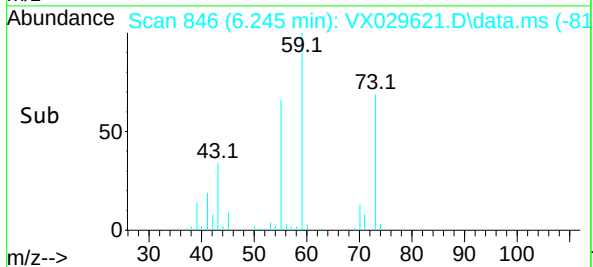
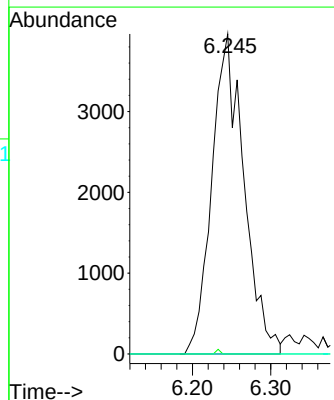
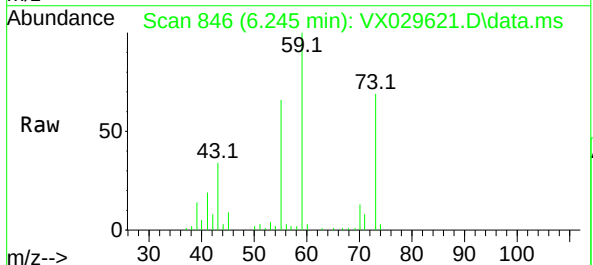
Instrument :
MSVOA_X
ClientSampleId :
MW-19DL

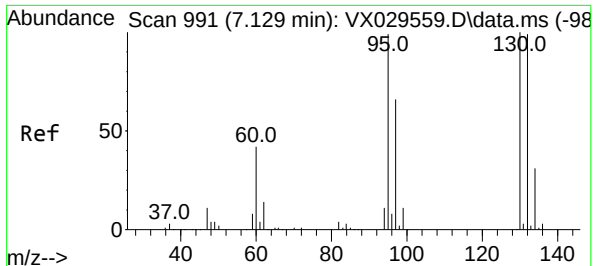
Tgt Ion:117 Resp: 27339
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 1.756 ug/l
RT: 6.245 min Scan# 846
Delta R.T. -0.097 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion: 43 Resp: 11225
Ion Ratio Lower Upper
43 100
61 0.2 18.5 27.7#
87 0.0 13.0 19.6#

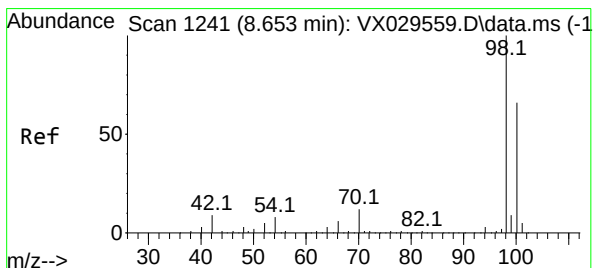
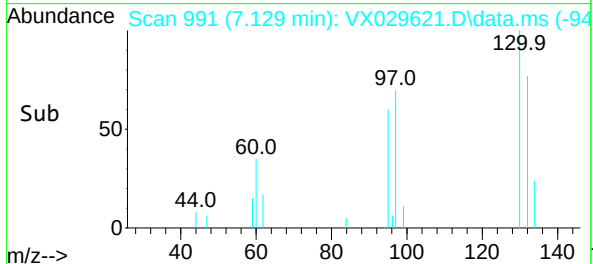
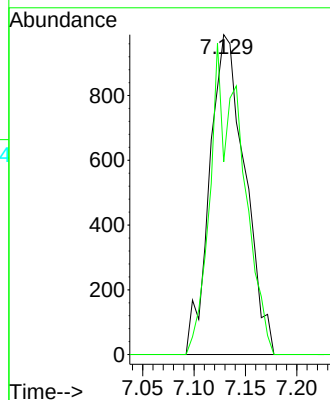
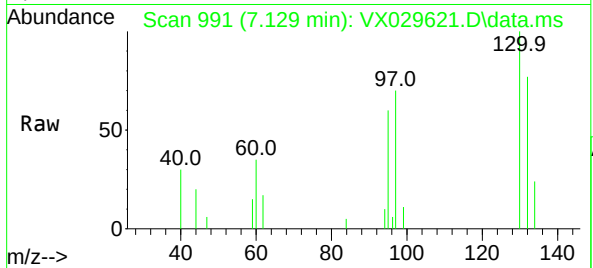




#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX029621.D
 Acq: 20 Jun 2022 14:30

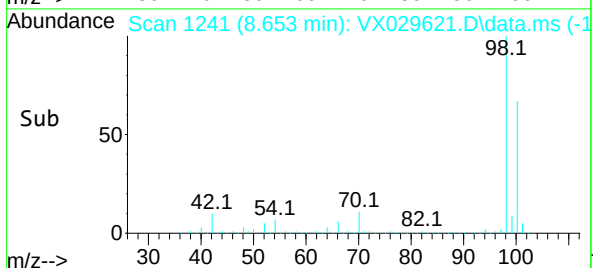
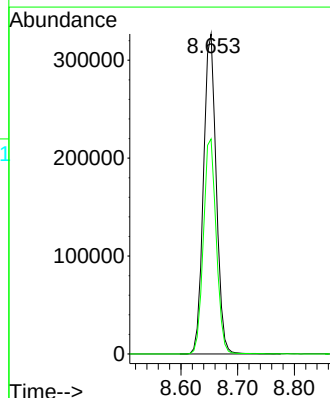
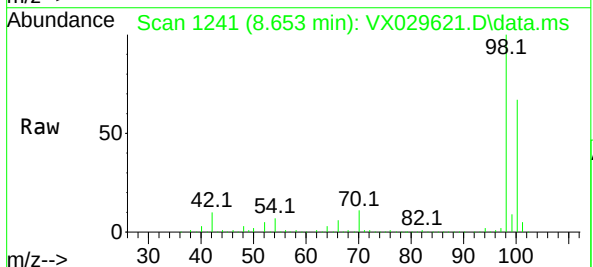
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19DL

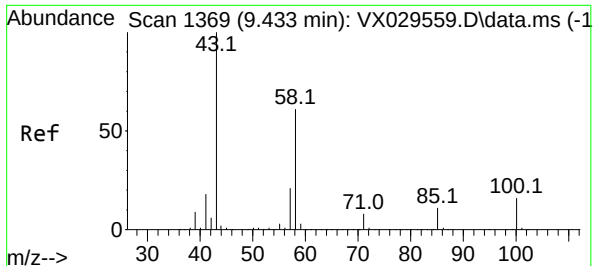
Tgt Ion:130 Resp: 2358
 Ion Ratio Lower Upper
 130 100
 95 60.2 0.0 188.8



#50
 Toluene-d8
 Concen: 47.237 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX029621.D
 Acq: 20 Jun 2022 14:30

Tgt Ion: 98 Resp: 511218
 Ion Ratio Lower Upper
 98 100
 100 67.5 52.6 78.8





#59

2-Hexanone

Concen: 0.502 ug/l

RT: 9.567 min Scan# 11

Delta R.T. 0.134 min

Lab File: VX029621.D

Acq: 20 Jun 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

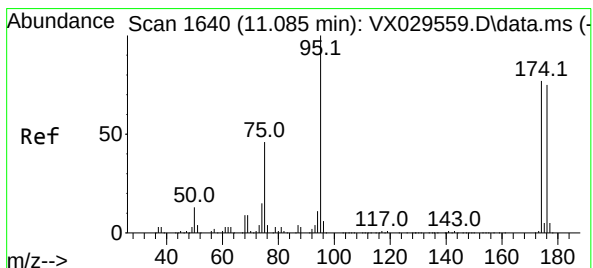
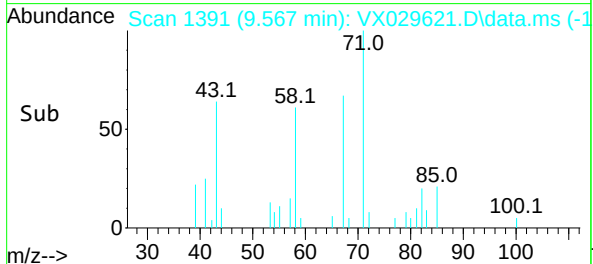
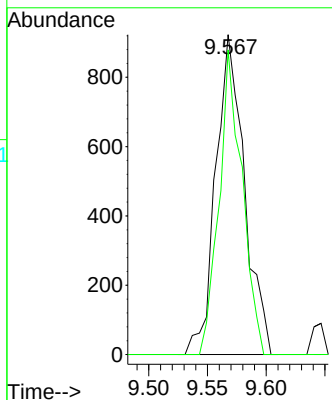
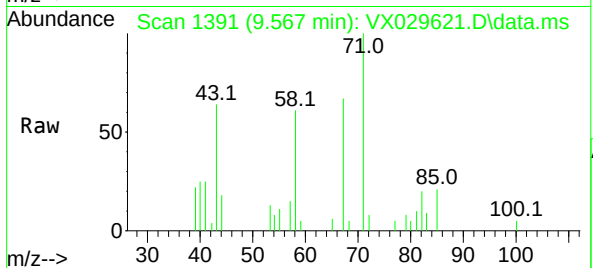
MW-19DL

Tgt Ion: 43 Resp: 1567

Ion Ratio Lower Upper

43 100

58 76.5 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 44.821 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029621.D

Acq: 20 Jun 2022 14:30

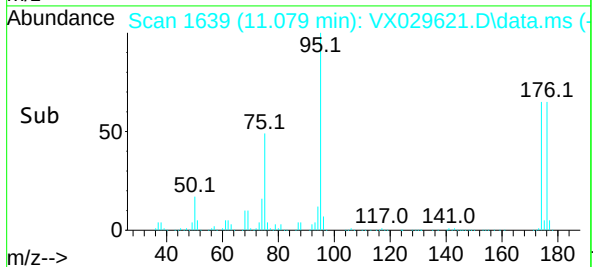
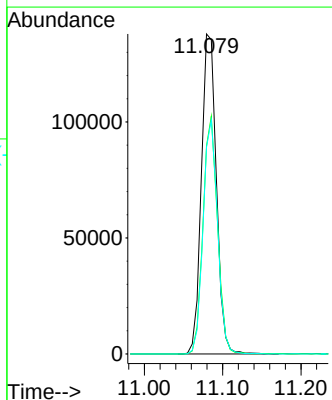
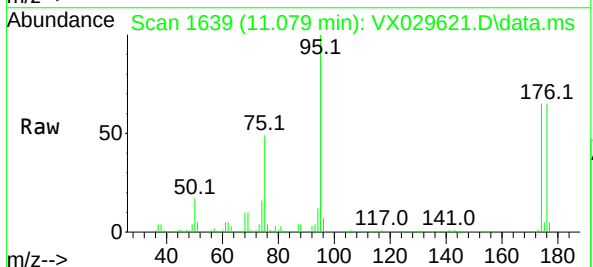
Tgt Ion: 95 Resp: 182926

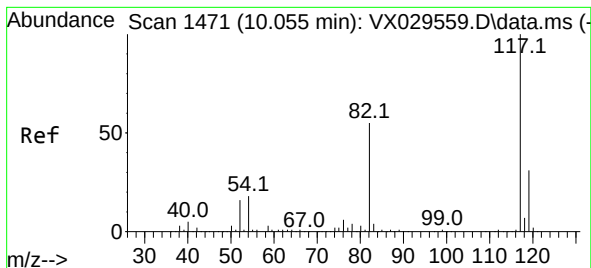
Ion Ratio Lower Upper

95 100

174 71.6 0.0 163.0

176 70.6 0.0 155.0

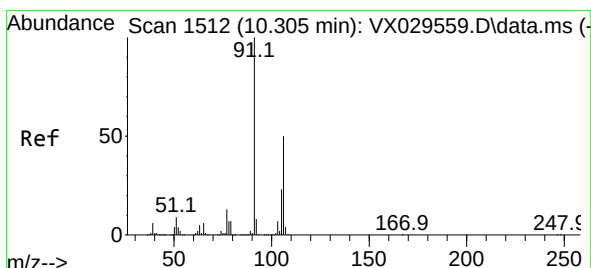
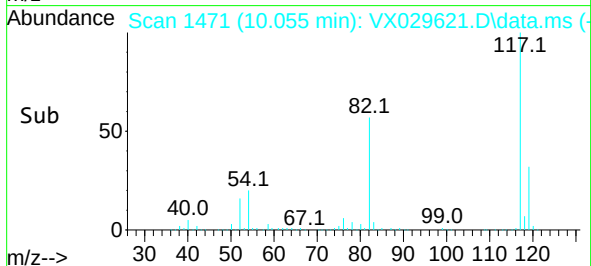
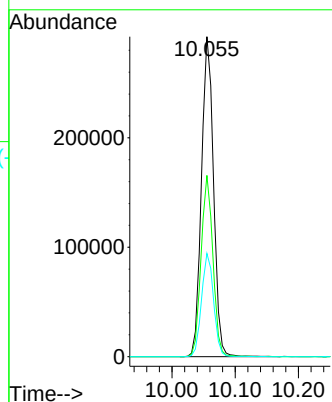
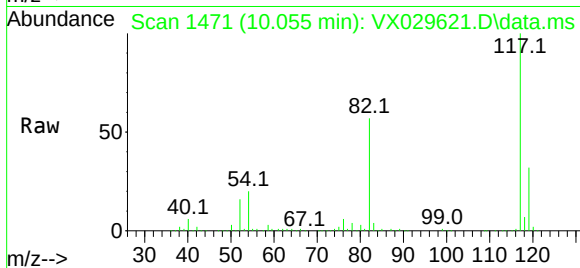




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

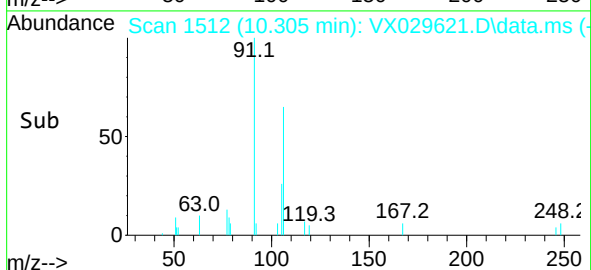
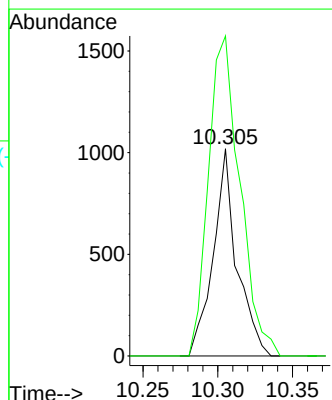
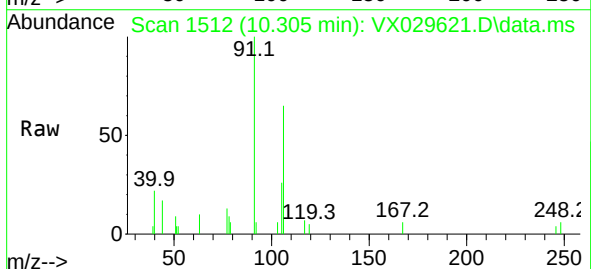
Instrument :
MSVOA_X
ClientSampleId :
MW-19DL

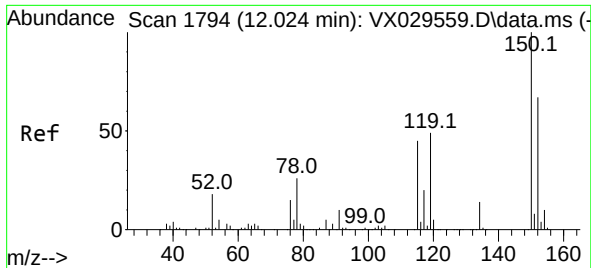
Tgt Ion:117 Resp: 388622
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.3 24.8 37.2



#68
m/p-Xylenes
Concen: 0.209 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029621.D
Acq: 20 Jun 2022 14:30

Tgt Ion:106 Resp: 1120
Ion Ratio Lower Upper
106 100
91 205.6 160.4 240.6

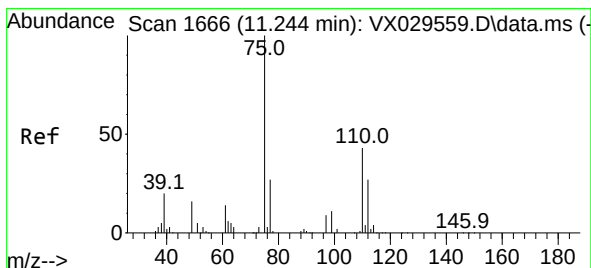
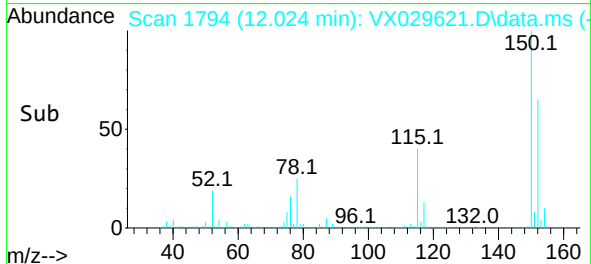
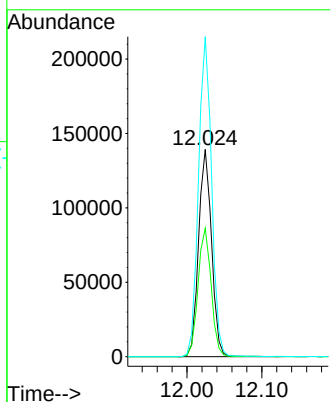
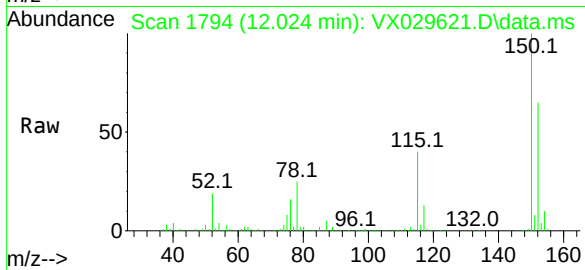




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029621.D
 Acq: 20 Jun 2022 14:30

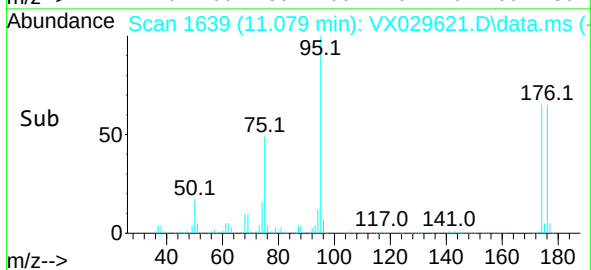
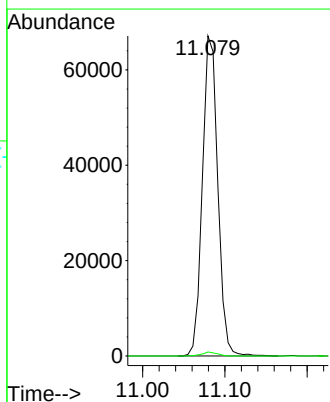
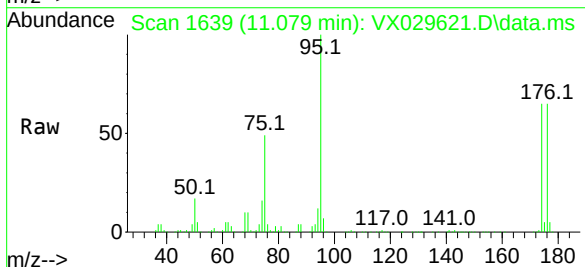
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19DL

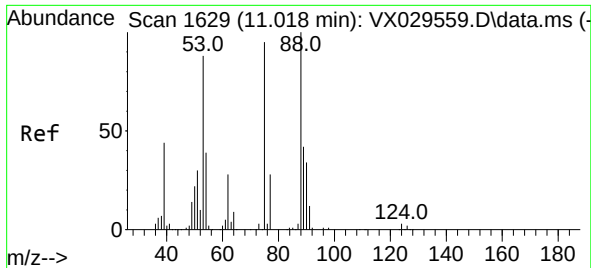
Tgt Ion:152 Resp: 167539
 Ion Ratio Lower Upper
 152 100
 115 62.7 37.5 112.7
 150 156.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.896 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029621.D
 Acq: 20 Jun 2022 14:30

Tgt Ion: 75 Resp: 87218
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.497 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029621.D
 Acq: 20 Jun 2022 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19DL

Tgt Ion: 75 Resp: 87218
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

