

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028655.D
 Acq On : 12 May 2022 21:55
 Operator : JC/MD
 Sample : N2799-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9R

Quant Time: May 13 02:50:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

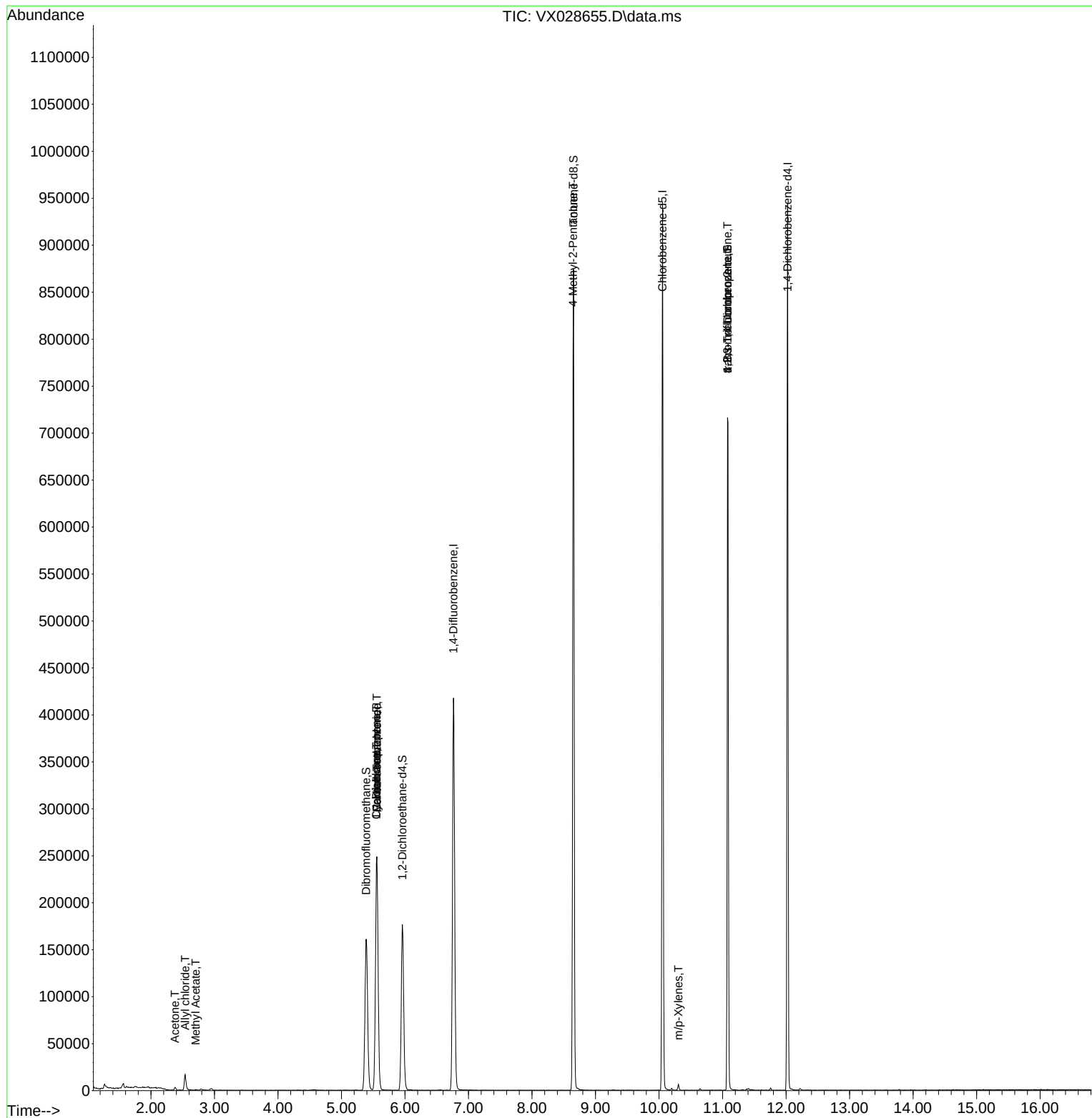
Internal Standards						
1) Pentafluorobenzene	5.556	168	223281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	422114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168892	55.181	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.360%	
35) Dibromofluoromethane	5.385	113	141409	51.131	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.260%	
50) Toluene-d8	8.653	98	508492	48.767	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	11.079	95	188242	48.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	620	Below Cal	#	63
6) Chloroethane	1.660	64	1807	Below Cal	#	45
11) Tert butyl alcohol	2.946	59	1053	Below Cal	#	72
14) Allyl chloride	2.538	41	2023	0.546	ug/l	# 63
16) Acetone	2.380	43	3123	2.378	ug/l	93
18) Methyl Acetate	2.703	43	815	0.248	ug/l	# 64
31) Cyclohexane	5.550	56	5383	1.267	ug/l	# 21
36) 1,1-Dichloropropene	5.550	75	19330	4.653	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	24534	5.869	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	2432	0.544	ug/l	# 1
68) m/p-Xylenes	10.305	106	1657	0.279	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	103121	24.706	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	103121	71.870	ug/l	# 15

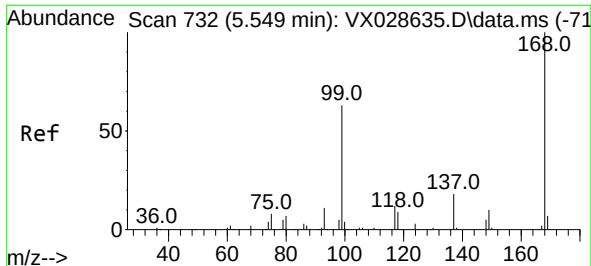
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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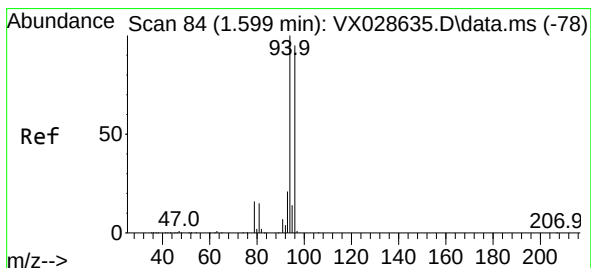
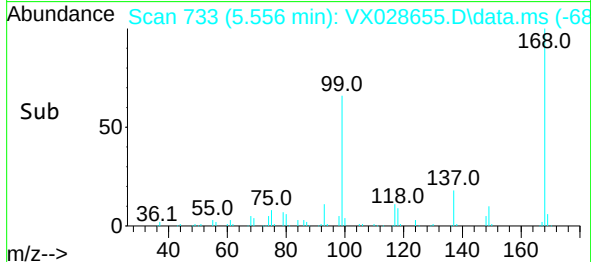
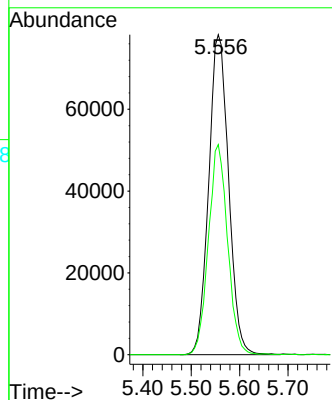
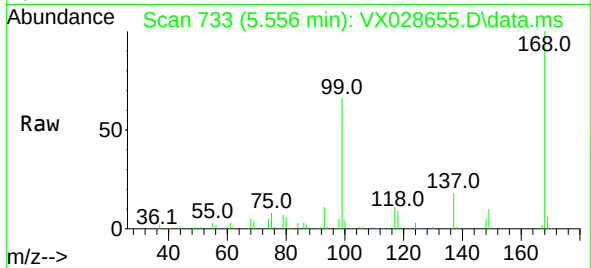




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

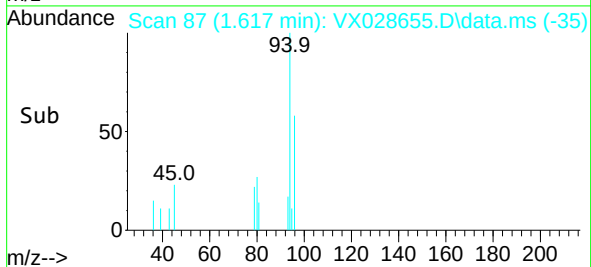
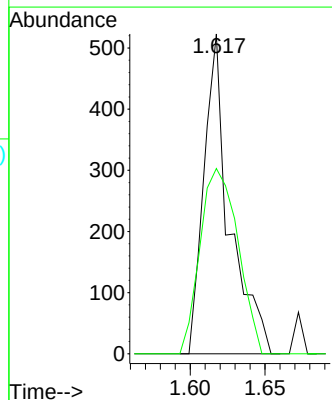
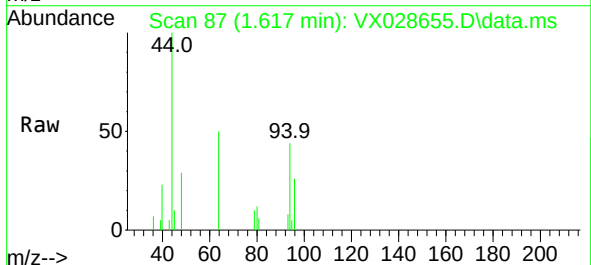
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

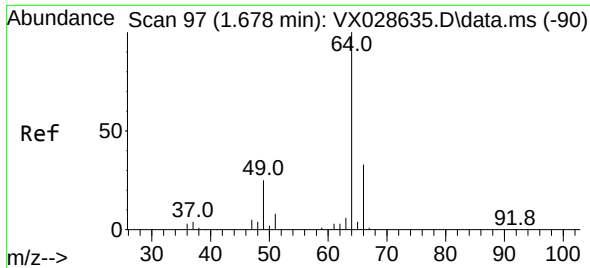
Tgt Ion:168 Resp: 223281
Ion Ratio Lower Upper
168 100
99 65.7 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

Tgt Ion: 94 Resp: 620
Ion Ratio Lower Upper
94 100
96 57.9 75.3 112.9#

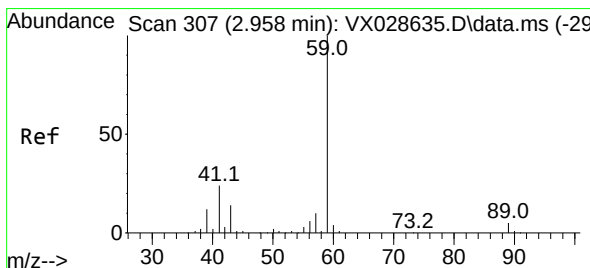
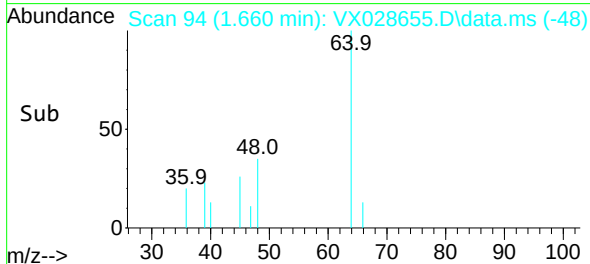
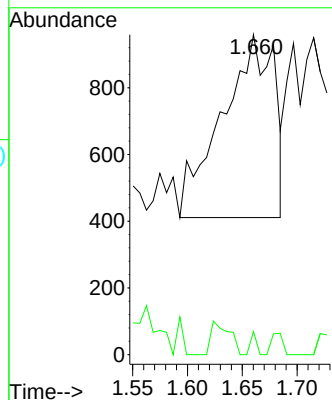
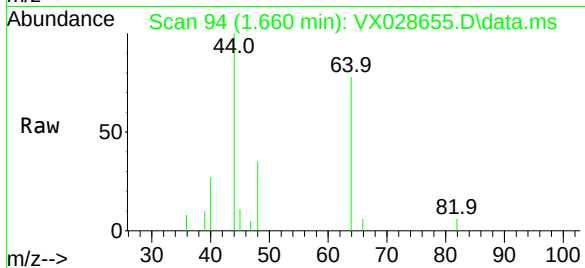




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

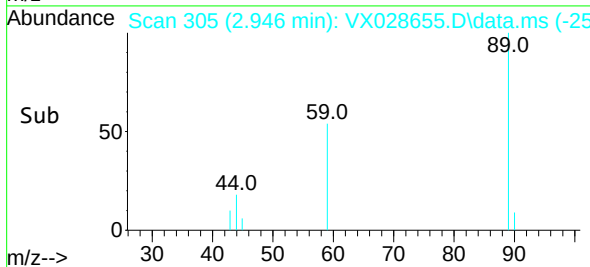
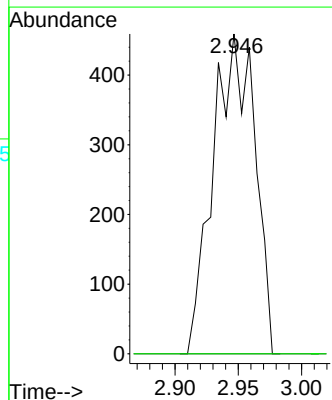
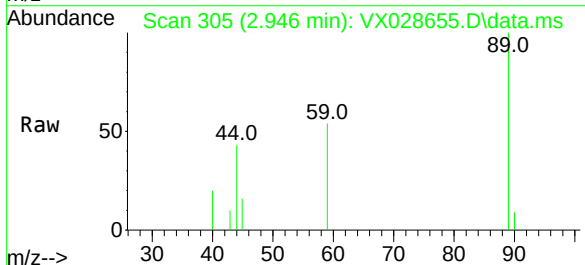
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

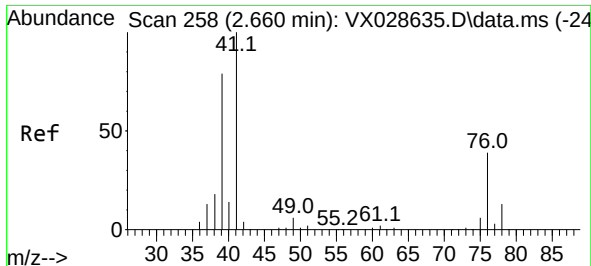
Tgt Ion: 64 Resp: 1807
Ion Ratio Lower Upper
64 100
66 0.9 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

Tgt Ion: 59 Resp: 1053
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.546 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.122 min

Lab File: VX028655.D

Acq: 12 May 2022 21:55

Instrument :

MSVOA_X

ClientSampleId :

MW-9R

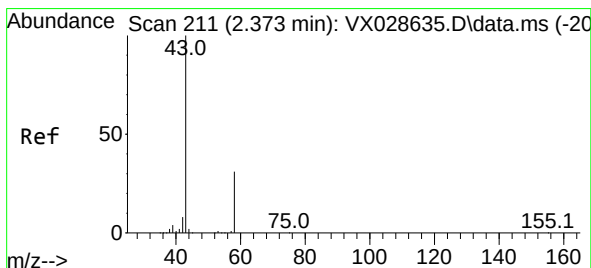
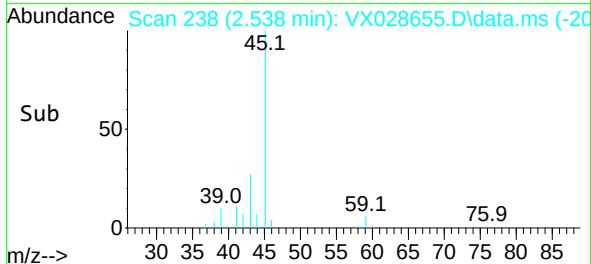
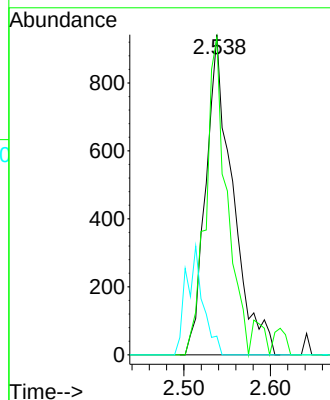
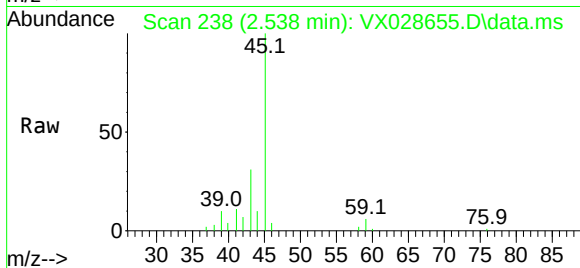
Tgt Ion: 41 Resp: 2023

Ion Ratio Lower Upper

41 100

39 77.9 50.4 75.6#

76 0.0 32.7 49.1#



#16

Acetone

Concen: 2.378 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028655.D

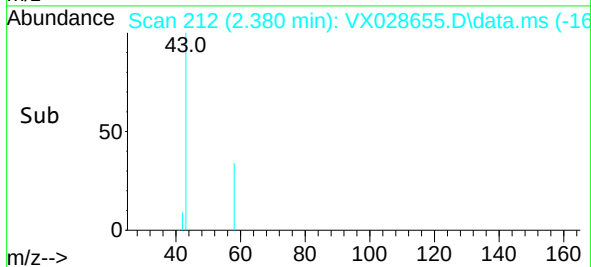
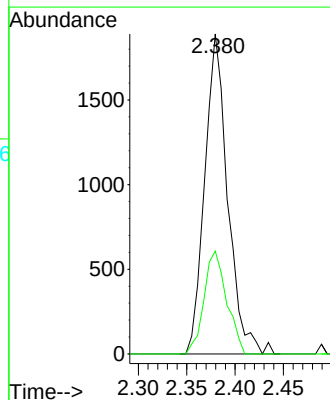
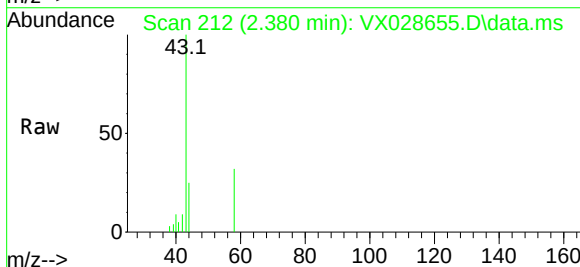
Acq: 12 May 2022 21:55

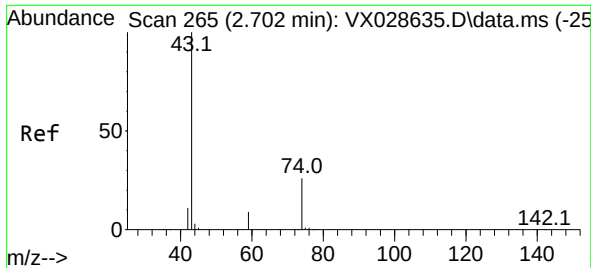
Tgt Ion: 43 Resp: 3123

Ion Ratio Lower Upper

43 100

58 32.1 28.8 43.2

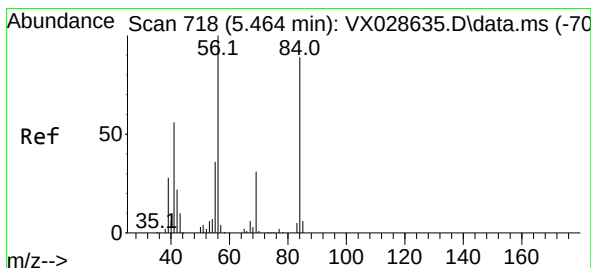
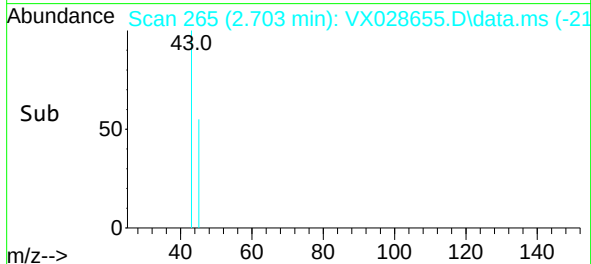
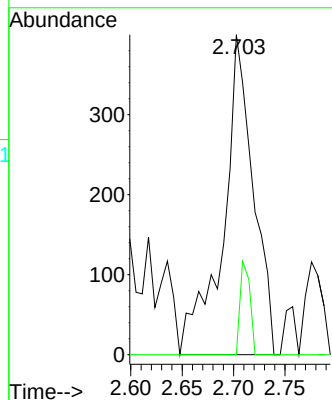
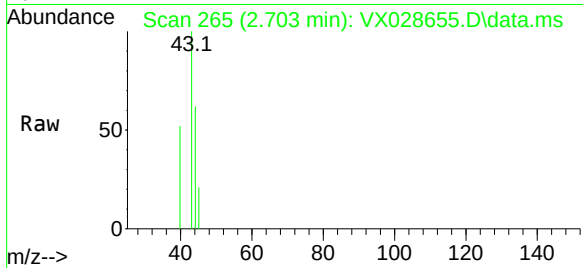




#18
Methyl Acetate
Concen: 0.248 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

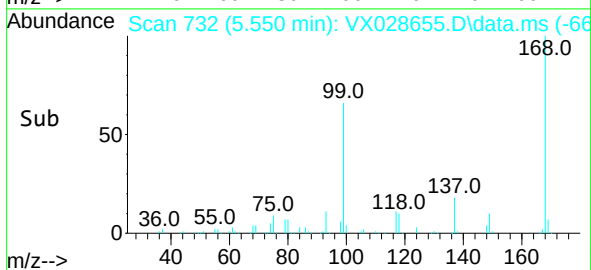
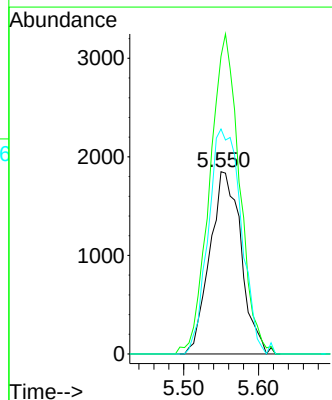
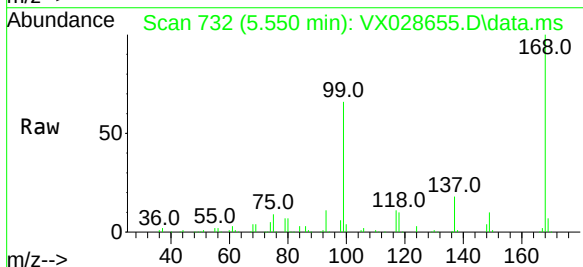
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

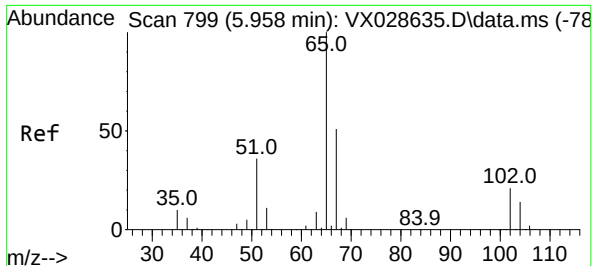
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
74 9.4 22.8 34.2#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

Tgt Ion: 56 Resp: 5383
Ion Ratio Lower Upper
56 100
69 163.2 26.7 40.1#
84 123.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.181 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028655.D

Acq: 12 May 2022 21:55

Instrument :

MSVOA_X

ClientSampleId :

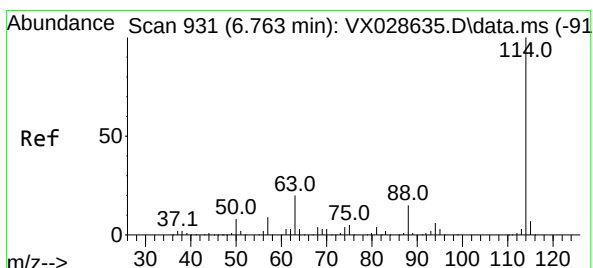
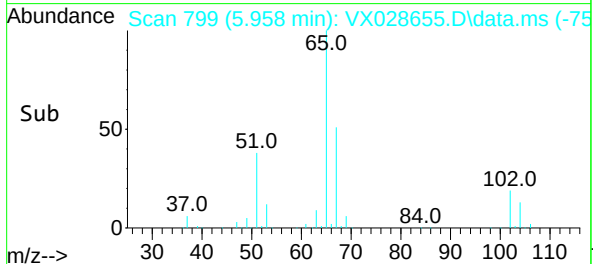
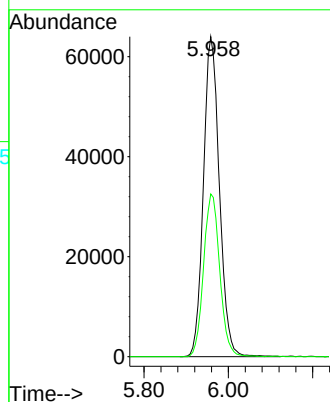
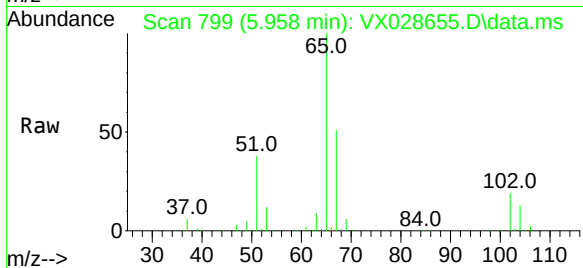
MW-9R

Tgt Ion: 65 Resp: 168892

Ion Ratio Lower Upper

65 100

67 51.5 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: VX028655.D

Acq: 12 May 2022 21:55

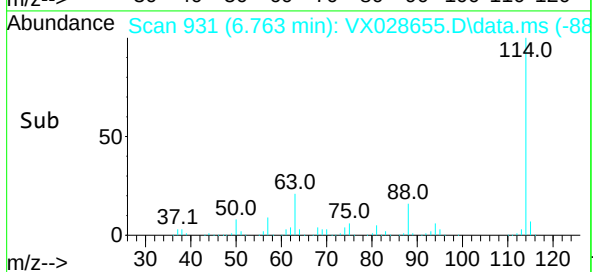
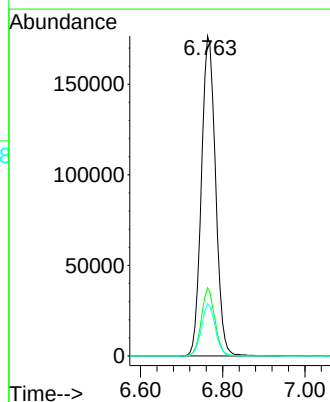
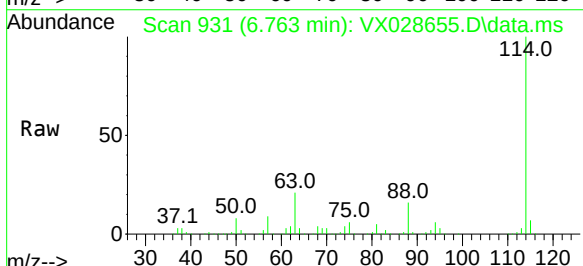
Tgt Ion: 114 Resp: 422114

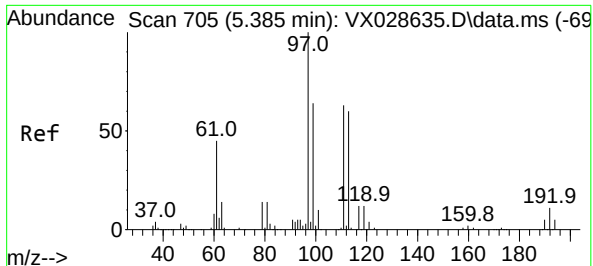
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.131 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028655.D

Acq: 12 May 2022 21:55

Instrument :

MSVOA_X

ClientSampleId :

MW-9R

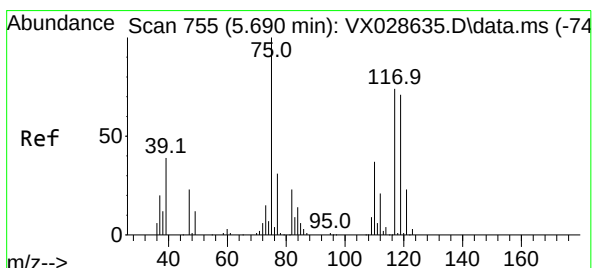
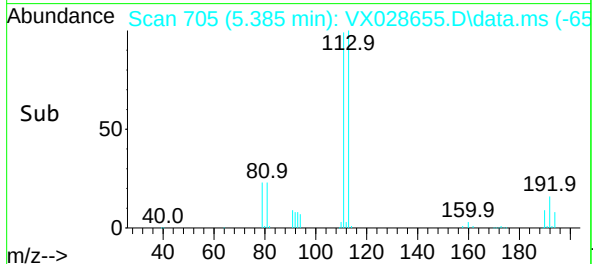
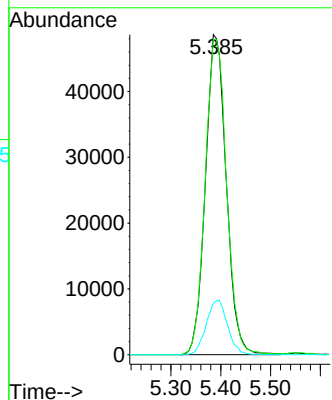
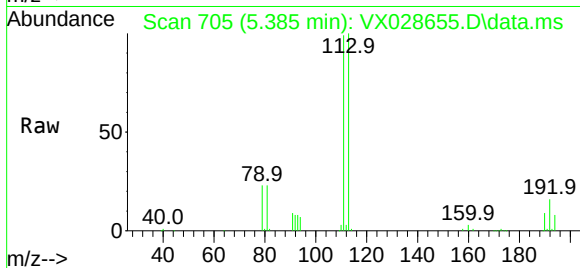
Tgt Ion:113 Resp: 141409

Ion Ratio Lower Upper

113 100

111 101.1 82.8 124.2

192 17.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.653 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028655.D

Acq: 12 May 2022 21:55

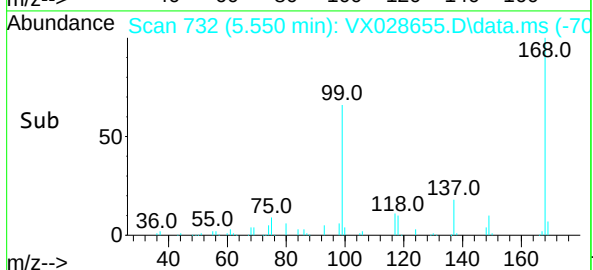
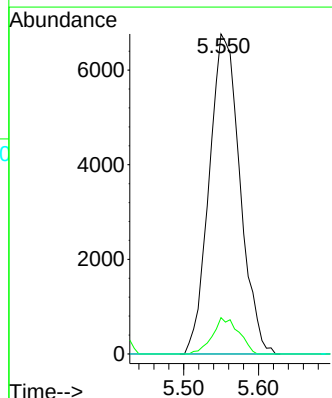
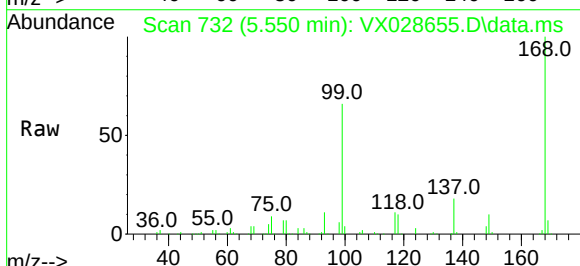
Tgt Ion: 75 Resp: 19330

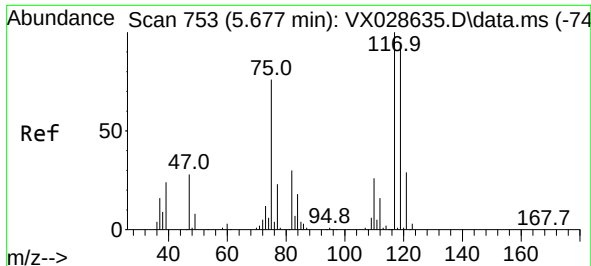
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

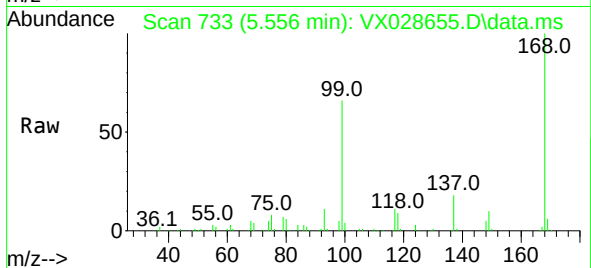
77 0.0 24.8 37.2#



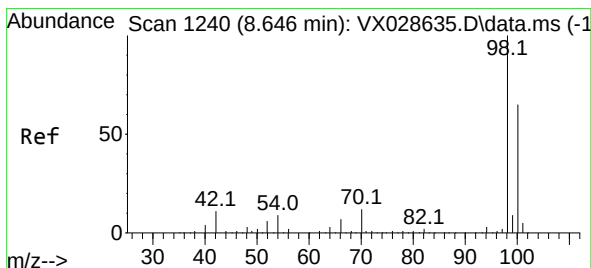
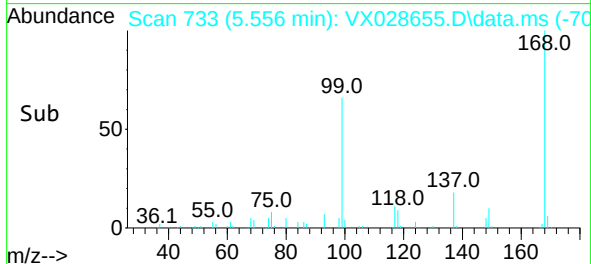
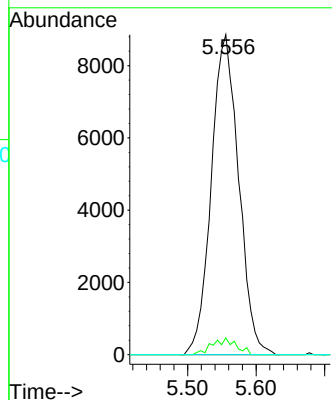


#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

Instrument :
MSVOA_X
ClientSampleId :
MW-9R

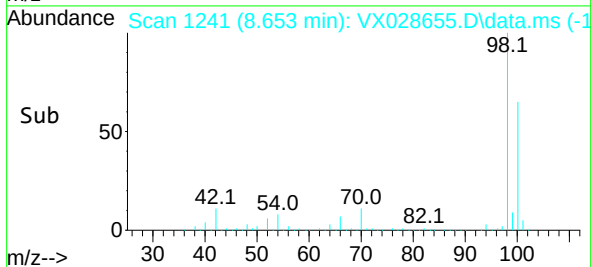
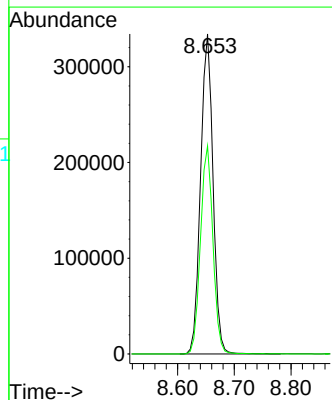
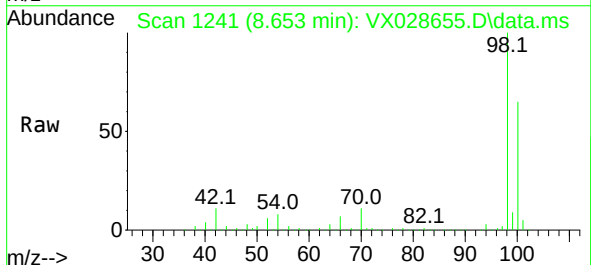


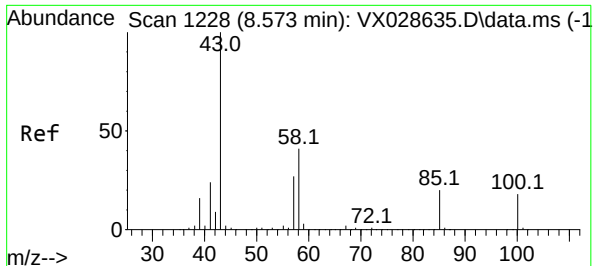
Tgt Ion:117 Resp: 24534
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.767 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

Tgt Ion: 98 Resp: 508492
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.544 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX028655.D

Acq: 12 May 2022 21:55

Instrument :

MSVOA_X

ClientSampleId :

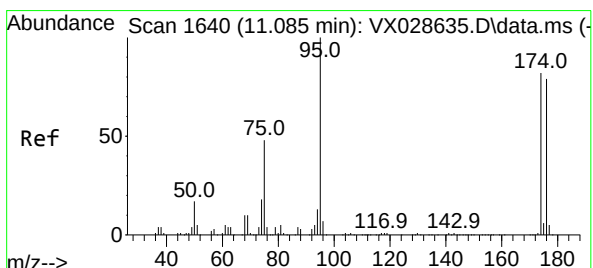
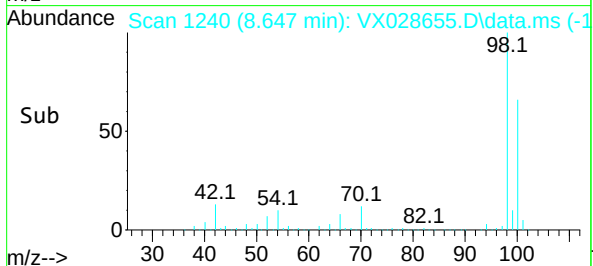
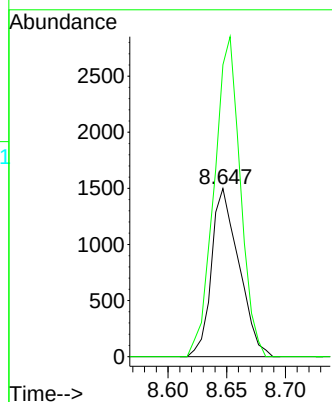
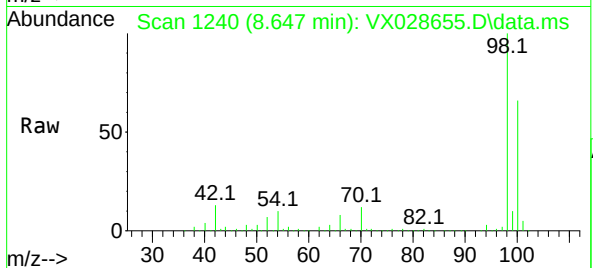
MW-9R

Tgt Ion: 43 Resp: 2432

Ion Ratio Lower Upper

43 100

58 181.7 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 48.335 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028655.D

Acq: 12 May 2022 21:55

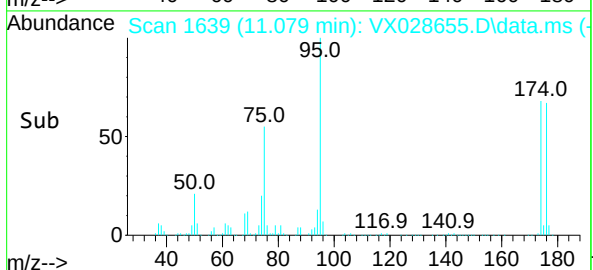
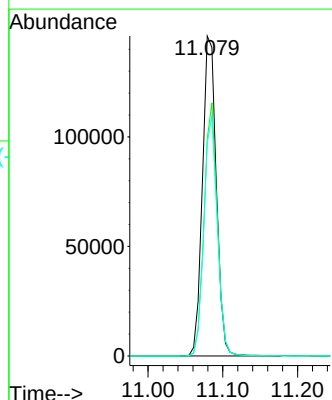
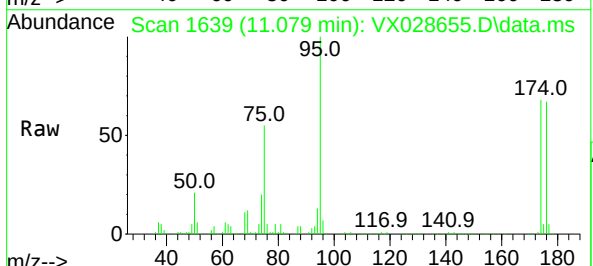
Tgt Ion: 95 Resp: 188242

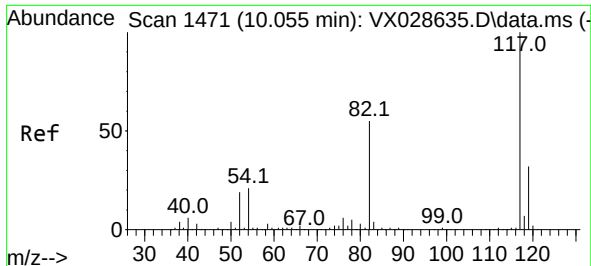
Ion Ratio Lower Upper

95 100

174 75.6 0.0 163.0

176 72.4 0.0 155.0

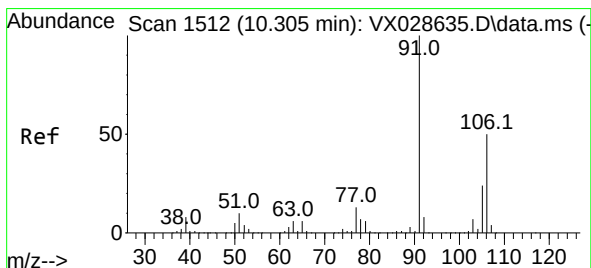
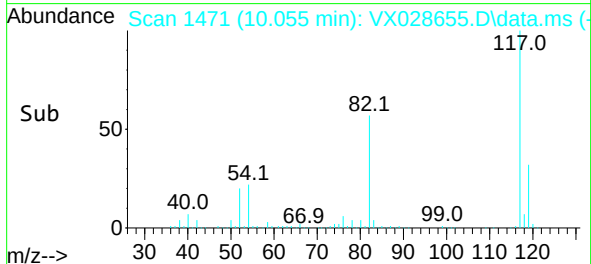
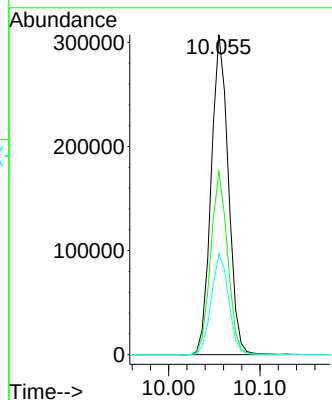
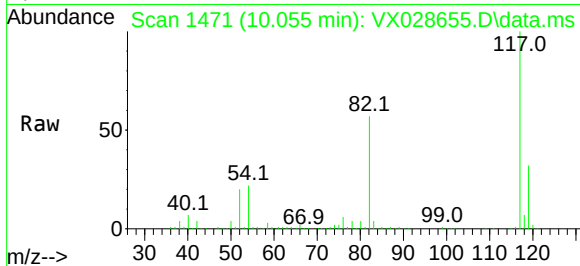




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

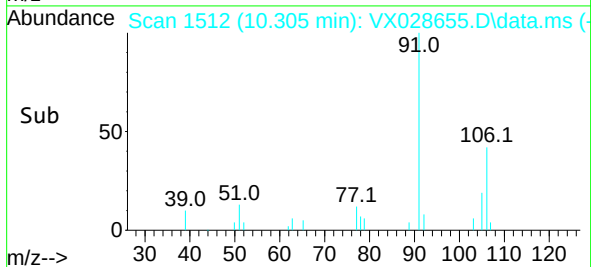
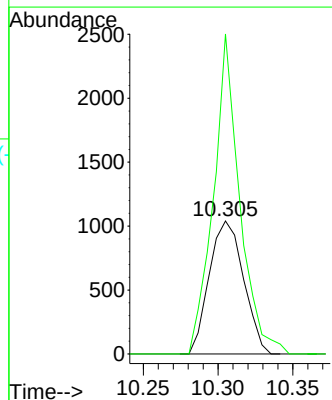
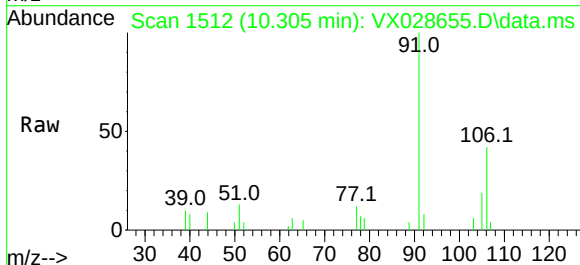
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

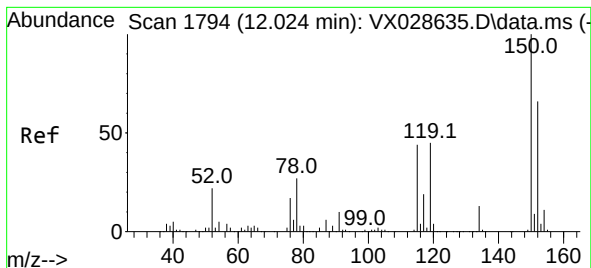
Tgt Ion:117 Resp: 400902
Ion Ratio Lower Upper
117 100
82 57.2 41.8 62.8
119 31.5 24.8 37.2



#68
m/p-Xylenes
Concen: 0.279 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028655.D
Acq: 12 May 2022 21:55

Tgt Ion:106 Resp: 1657
Ion Ratio Lower Upper
106 100
91 184.6 160.4 240.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028655.D

Acq: 12 May 2022 21:55

Instrument :

MSVOA_X

ClientSampleId :

MW-9R

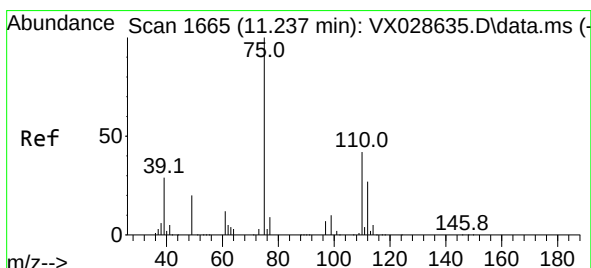
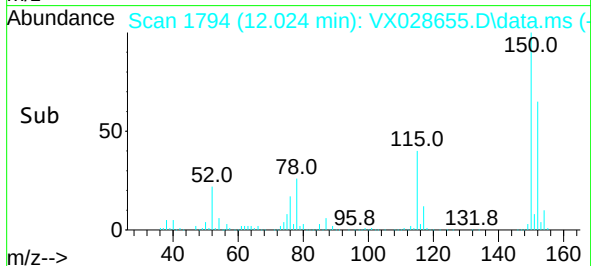
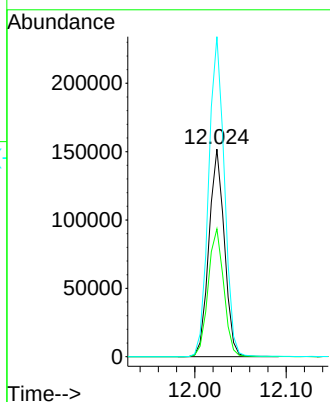
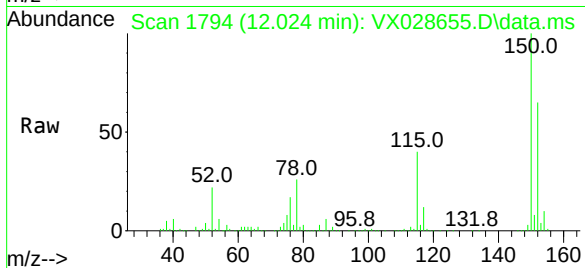
Tgt Ion:152 Resp: 178226

Ion Ratio Lower Upper

152 100

115 62.2 37.5 112.7

150 156.8 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 24.706 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX028655.D

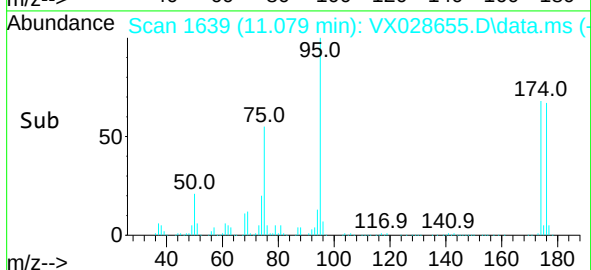
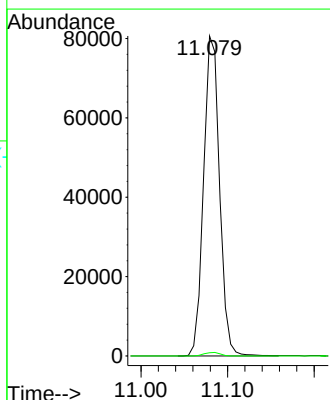
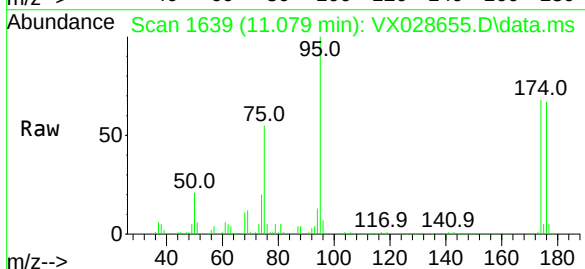
Acq: 12 May 2022 21:55

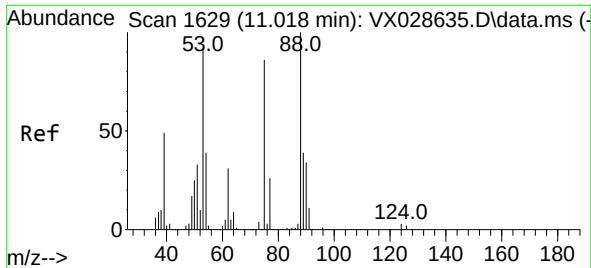
Tgt Ion: 75 Resp: 103121

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.870 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028655.D
 Acq: 12 May 2022 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9R

Tgt Ion: 75 Resp: 103121
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

