

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028657.D
 Acq On : 12 May 2022 22:42
 Operator : JC/MD
 Sample : N2811-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: May 13 02:50:38 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)

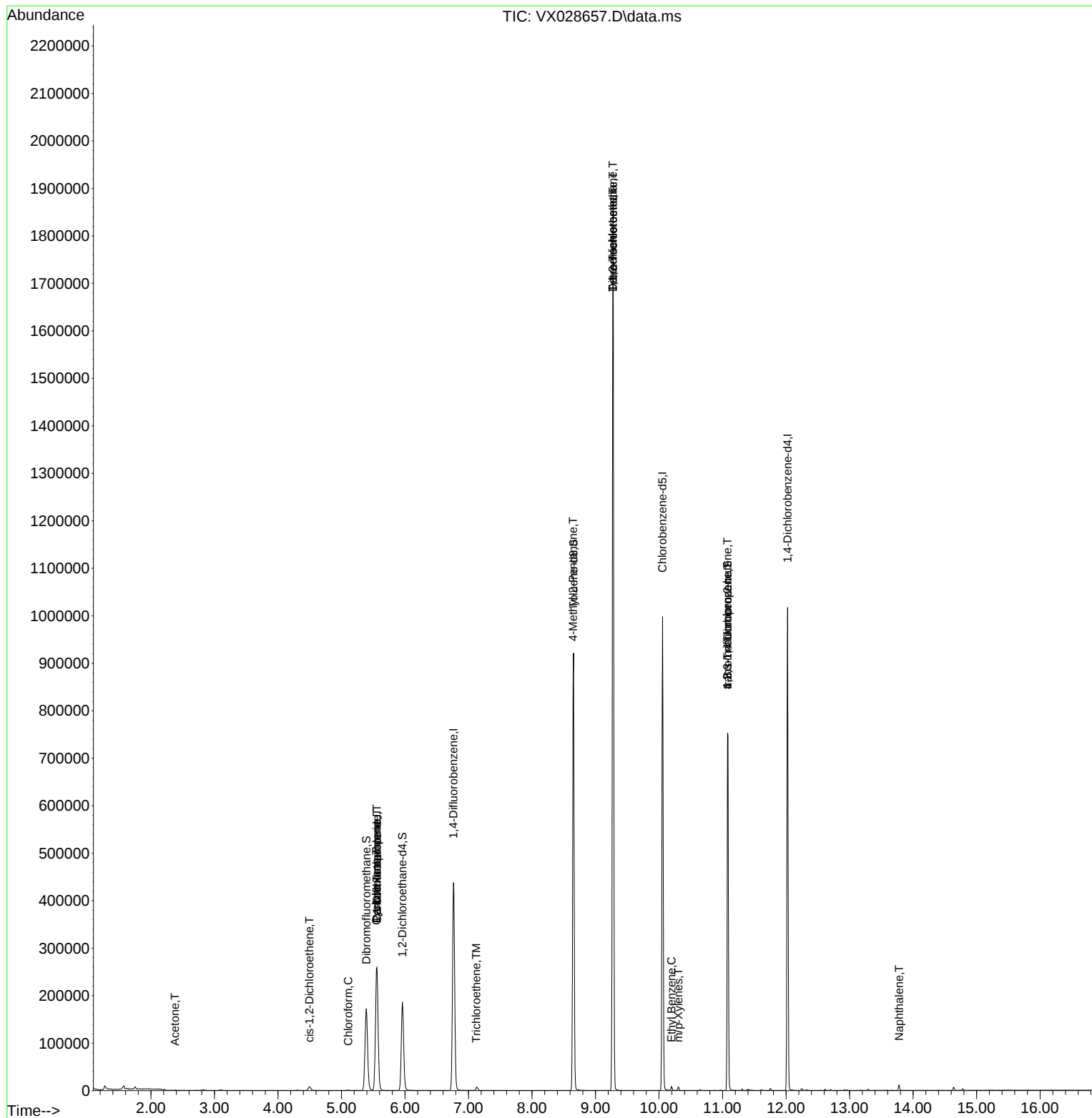
Internal Standards						
1) Pentafluorobenzene	5.556	168	238856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171505	52.381	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.760%			
35) Dibromofluoromethane	5.391	113	145619	50.170	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.340%			
50) Toluene-d8	8.653	98	537806	49.146	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	199060	48.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.400%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	597	Below Cal	#	77
6) Chloroethane	1.691	64	853	Below Cal	#	47
11) Tert butyl alcohol	2.953	59	64	Below Cal	#	72
16) Acetone	2.380	43	788	0.561	ug/l #	78
27) cis-1,2-Dichloroethene	4.495	96	4981	1.532	ug/l	96
30) Chloroform	5.105	83	1213	0.228	ug/l #	81
31) Cyclohexane	5.550	56	5696	1.253	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	20032	4.595	ug/l #	49
38) Carbon Tetrachloride	5.556	117	25276	5.761	ug/l #	14
44) Trichloroethene	7.123	130	2749	0.809	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	2479	0.528	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	2984	0.908	ug/l #	1
60) Dibromochloromethane	9.275	129	318036	99.224	ug/l #	9
64) Tetrachloroethene	9.275	164	322563	99.639	ug/l	96
67) Ethyl Benzene	10.195	91	4466	0.274	ug/l	93
68) m/p-Xylenes	10.305	106	1776	0.280	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	106676	23.150	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	106676	67.586	ug/l #	15
95) Naphthalene	13.780	128	7826	0.560	ug/l	98

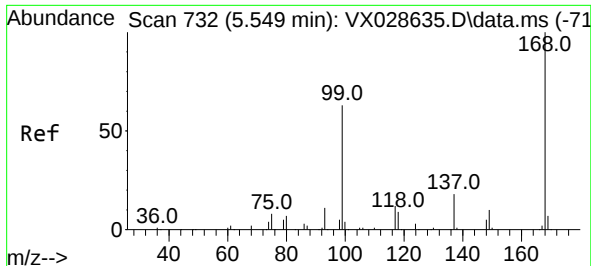
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

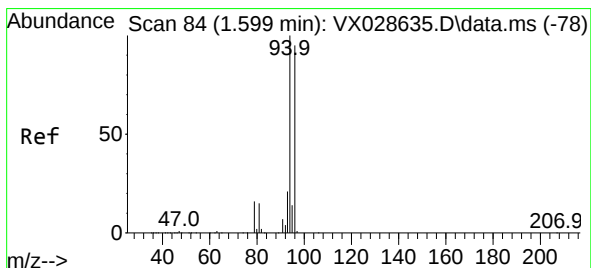
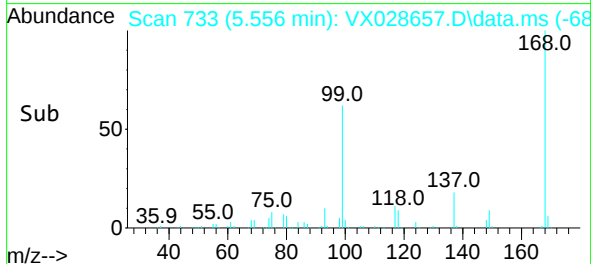
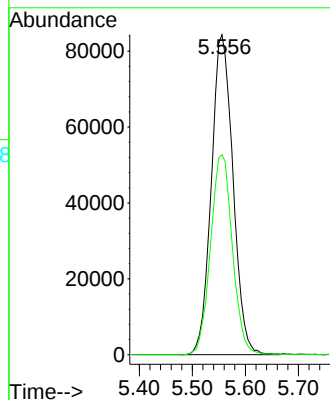
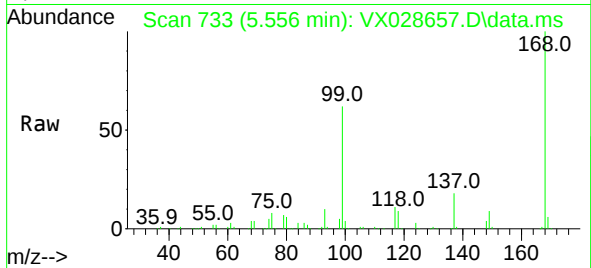




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

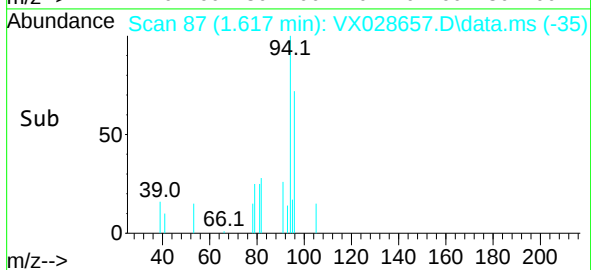
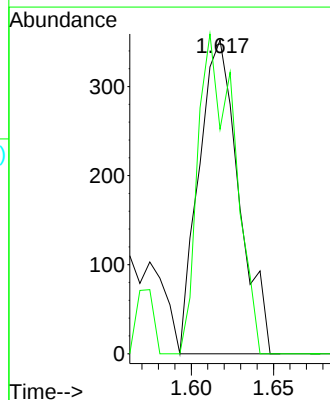
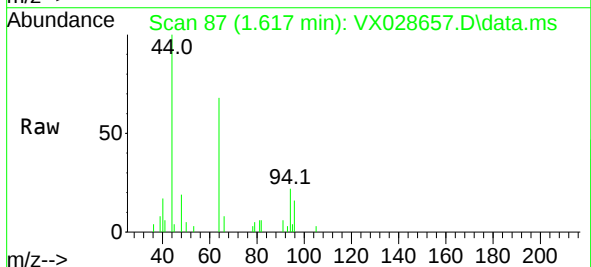
Instrument :
MSVOA_X
ClientSampleId :
MW-1

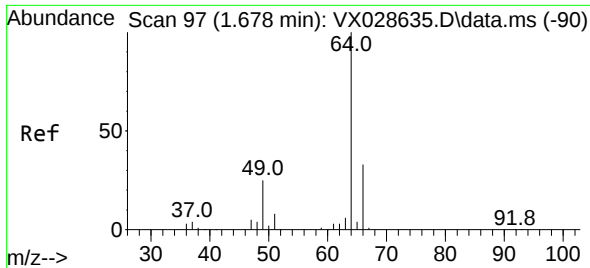
Tgt Ion:168 Resp: 238856
Ion Ratio Lower Upper
168 100
99 62.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 94 Resp: 597
Ion Ratio Lower Upper
94 100
96 71.6 75.3 112.9#

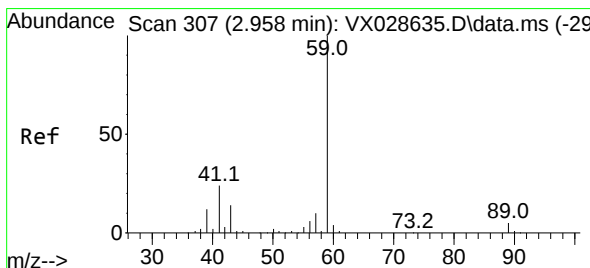
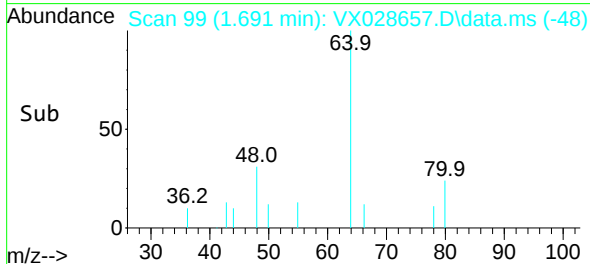
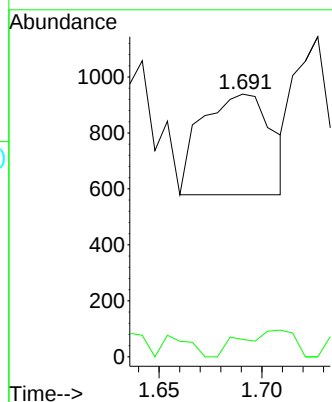
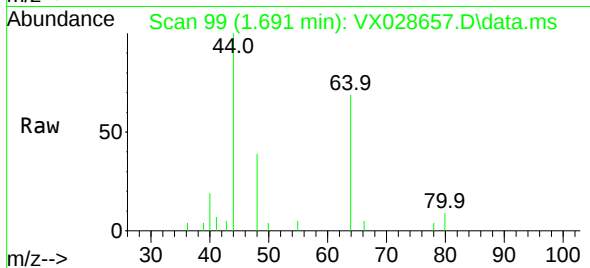




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

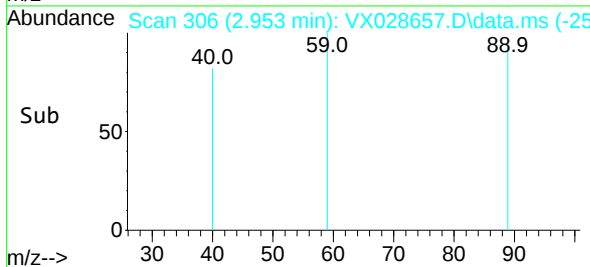
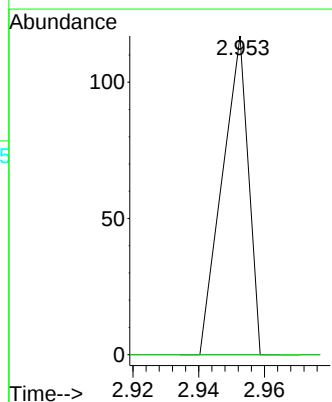
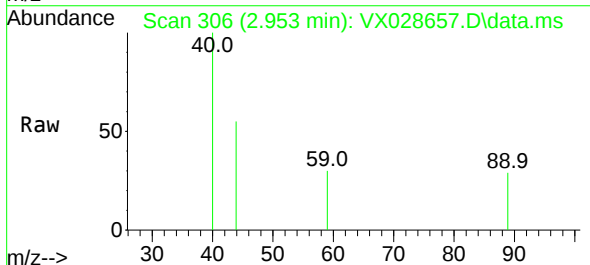
Instrument :
MSVOA_X
ClientSampleId :
MW-1

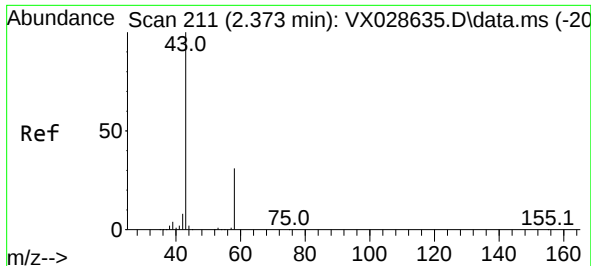
Tgt Ion: 64 Resp: 853
Ion Ratio Lower Upper
64 100
66 1.9 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

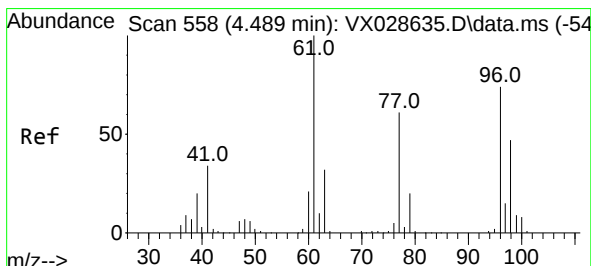
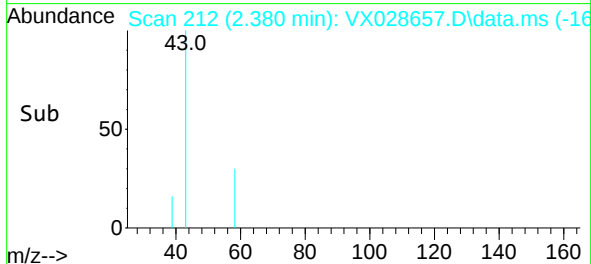
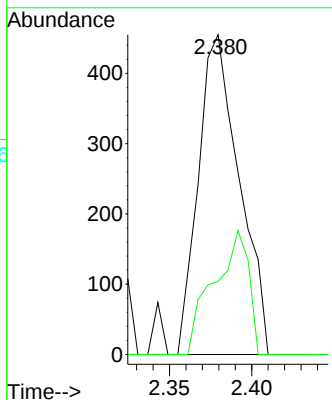
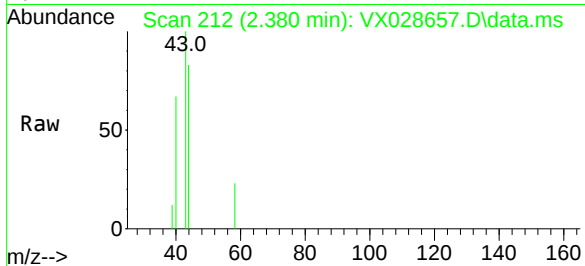




#16
Acetone
Concen: 0.561 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

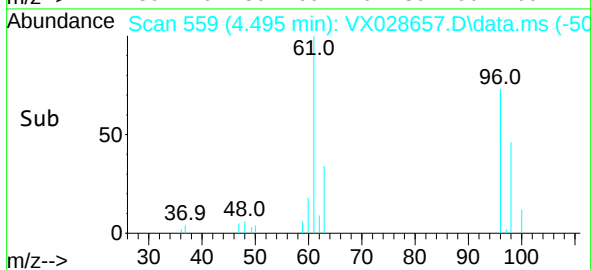
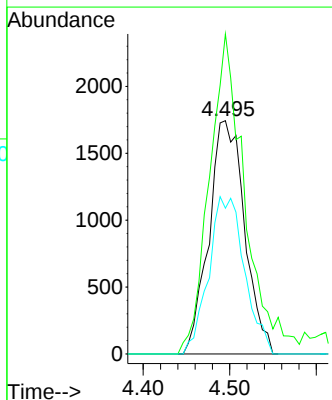
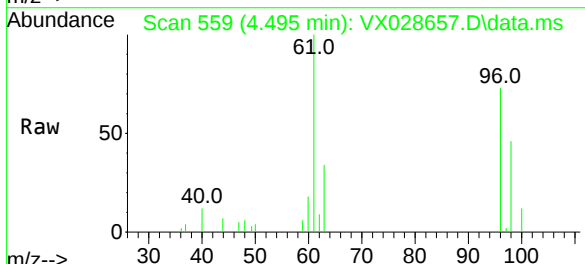
Instrument :
MSVOA_X
ClientSampleId :
MW-1

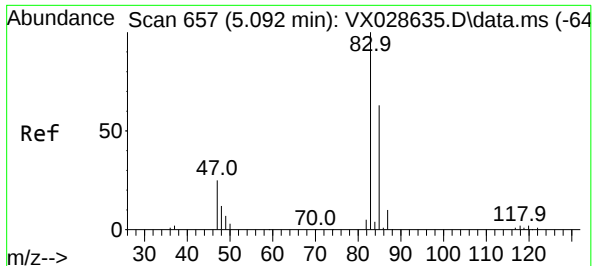
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 22.9 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 1.532 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 96 Resp: 4981
Ion Ratio Lower Upper
96 100
61 136.9 0.0 283.8
98 67.8 0.0 129.8





#30

Chloroform

Concen: 0.228 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.013 min

Lab File: VX028657.D

Acq: 12 May 2022 22:42

Instrument :

MSVOA_X

ClientSampleId :

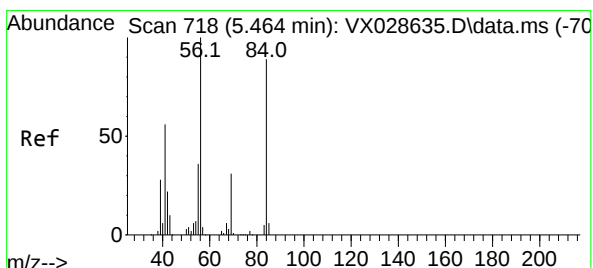
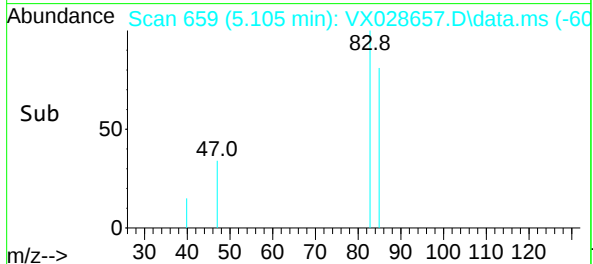
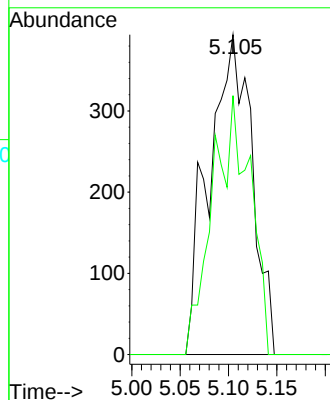
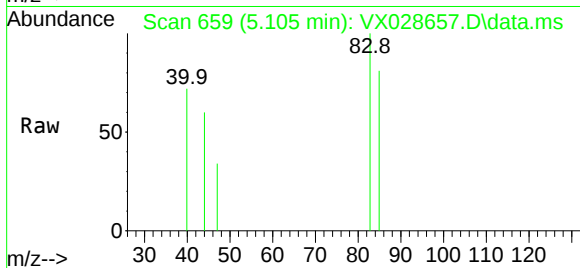
MW-1

Tgt Ion: 83 Resp: 1213

Ion Ratio Lower Upper

83 100

85 81.0 52.7 79.1#



#31

Cyclohexane

Concen: 1.253 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028657.D

Acq: 12 May 2022 22:42

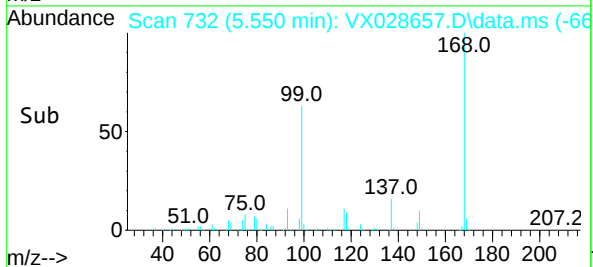
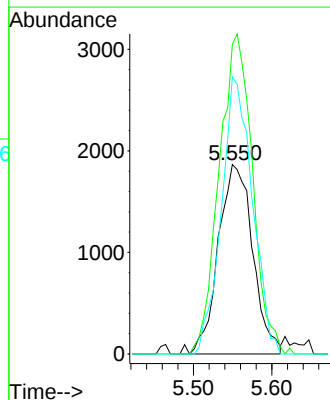
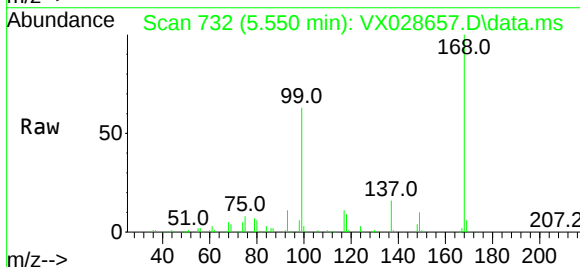
Tgt Ion: 56 Resp: 5696

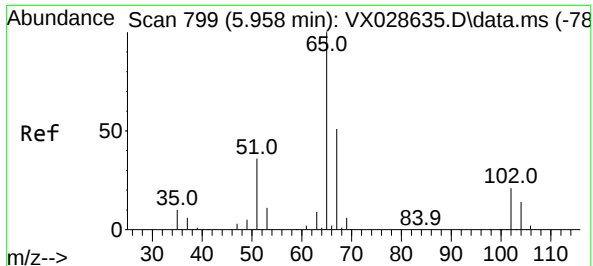
Ion Ratio Lower Upper

56 100

69 163.5 26.7 40.1#

84 146.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.381 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028657.D

Acq: 12 May 2022 22:42

Instrument :

MSVOA_X

ClientSampleId :

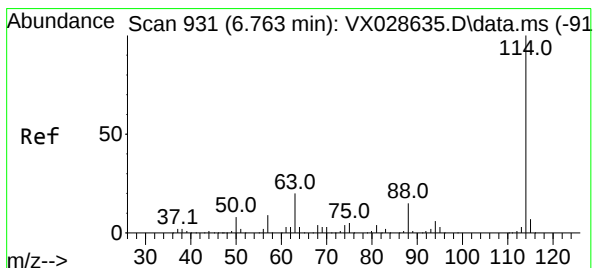
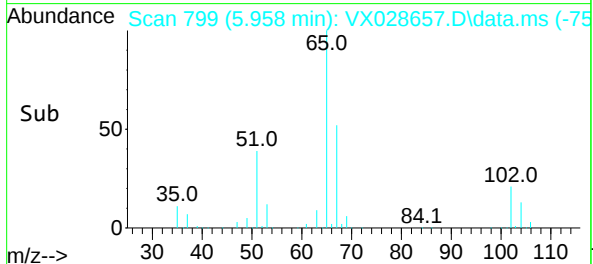
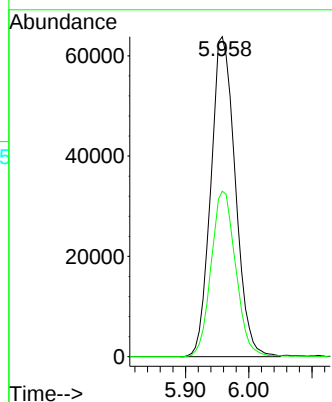
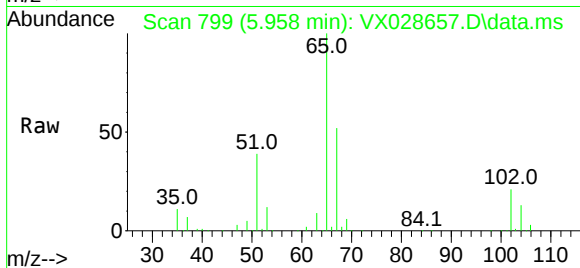
MW-1

Tgt Ion: 65 Resp: 171505

Ion Ratio Lower Upper

65 100

67 51.8 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: VX028657.D

Acq: 12 May 2022 22:42

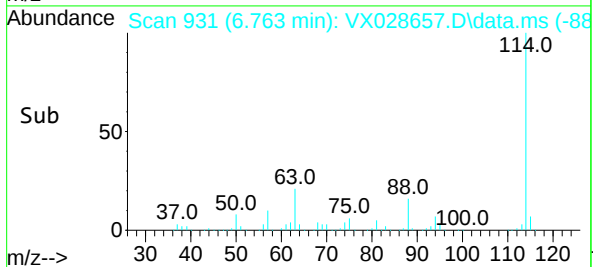
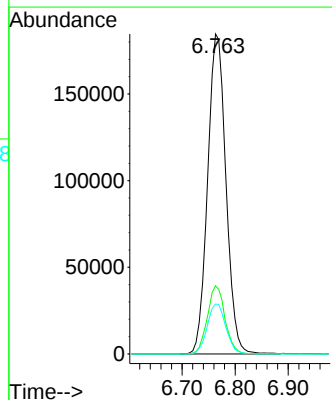
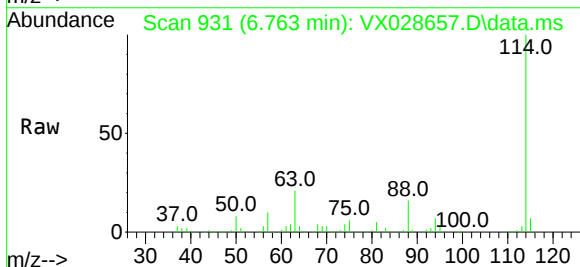
Tgt Ion: 114 Resp: 443006

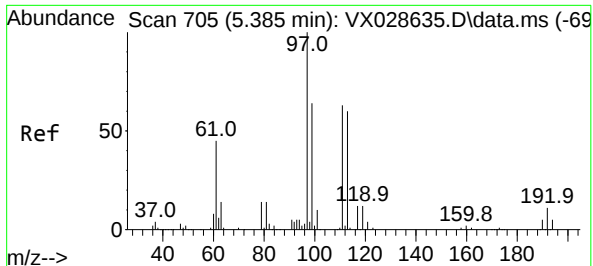
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.8

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.170 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028657.D

Acq: 12 May 2022 22:42

Instrument :

MSVOA_X

ClientSampleId :

MW-1

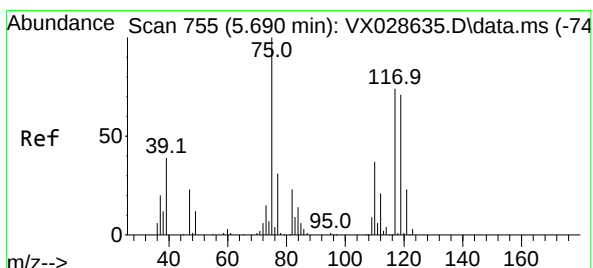
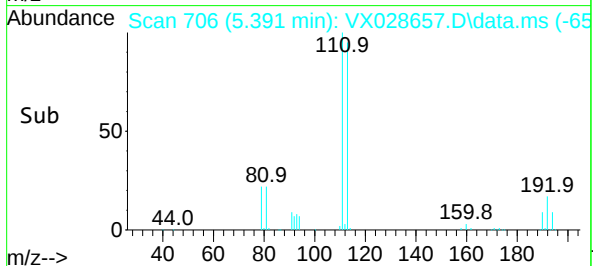
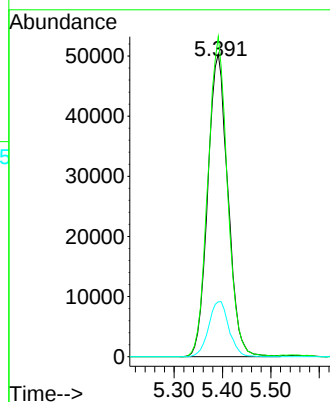
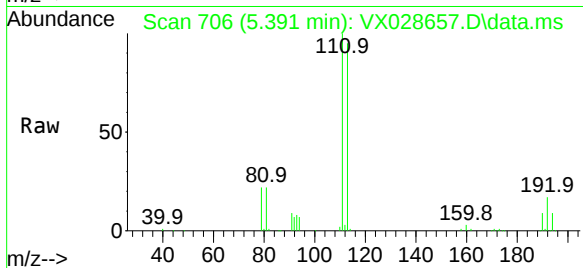
Tgt Ion:113 Resp: 145619

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028657.D

Acq: 12 May 2022 22:42

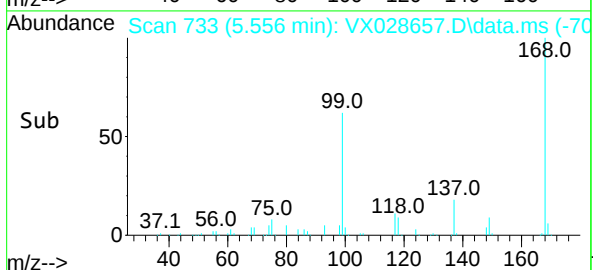
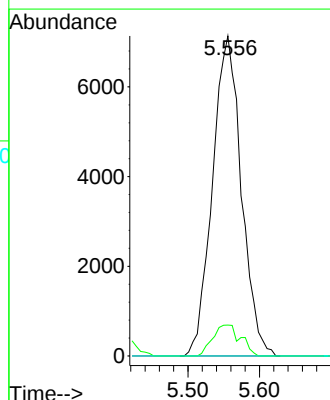
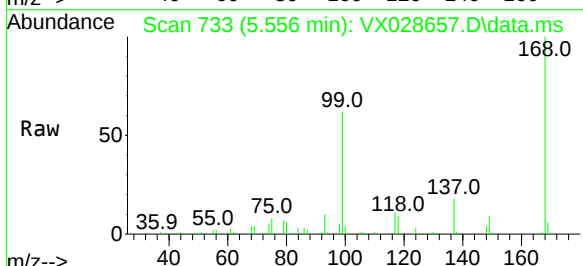
Tgt Ion: 75 Resp: 20032

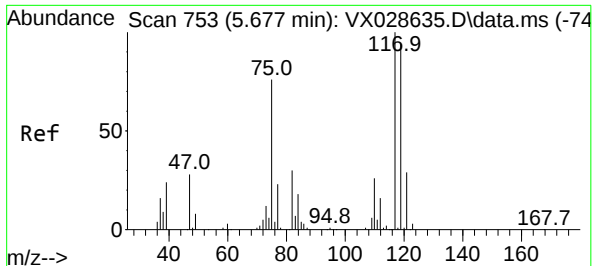
Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

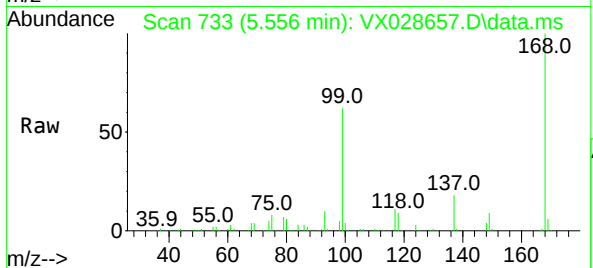
77 0.0 24.8 37.2#



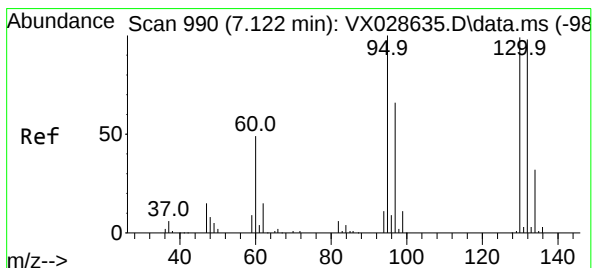
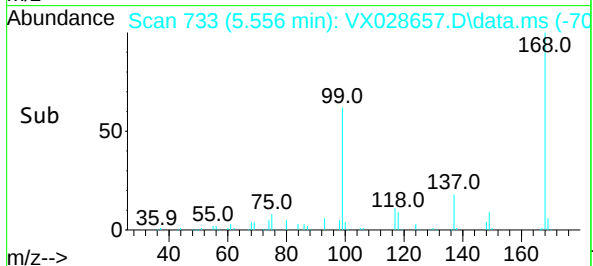
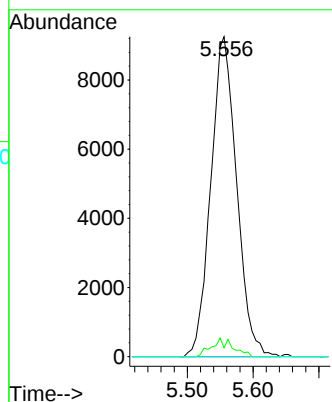


#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Instrument :
MSVOA_X
ClientSampleId :
MW-1

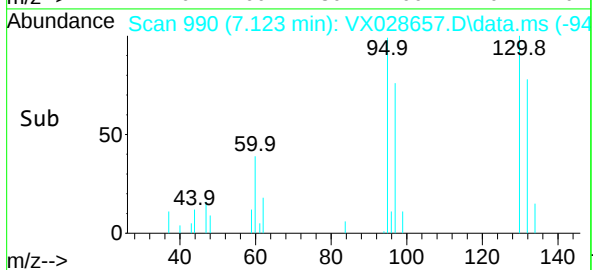
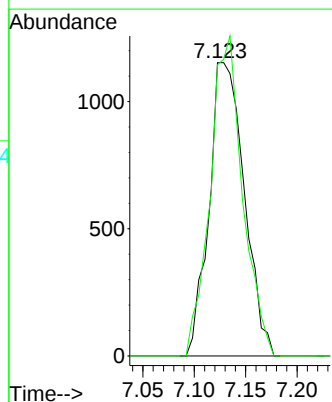
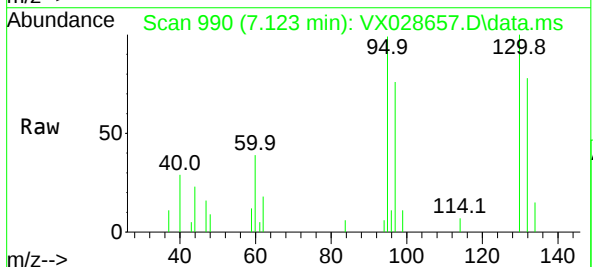


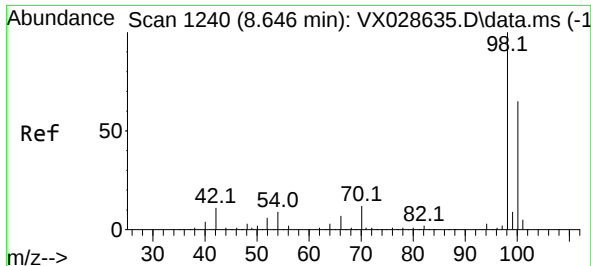
Tgt Ion:117 Resp: 25276
Ion Ratio Lower Upper
117 100
119 2.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.809 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion:130 Resp: 2749
Ion Ratio Lower Upper
130 100
95 99.2 0.0 188.8

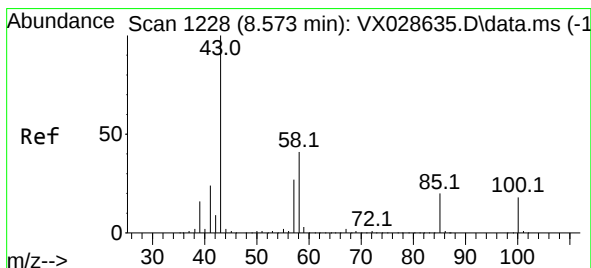
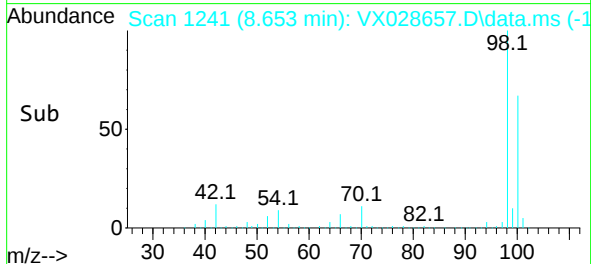
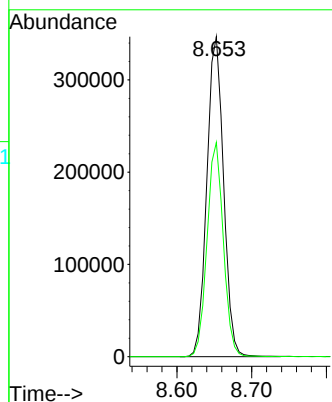
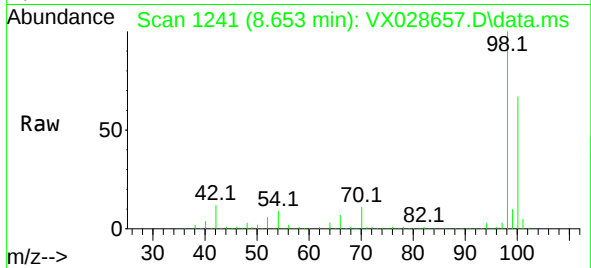




#50
Toluene-d8
Concen: 49.146 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

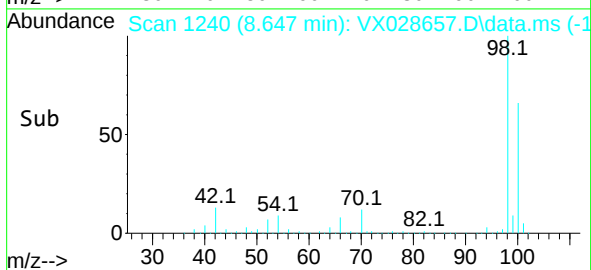
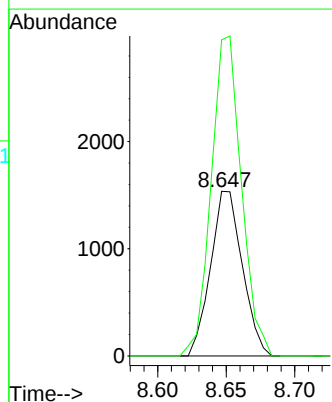
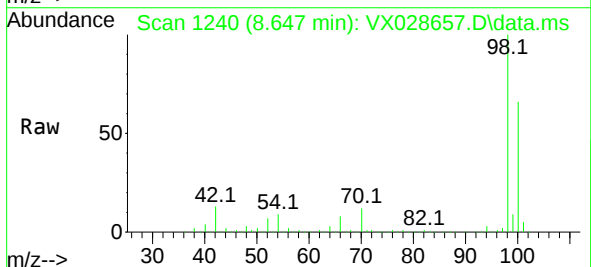
Instrument :
MSVOA_X
ClientSampleId :
MW-1

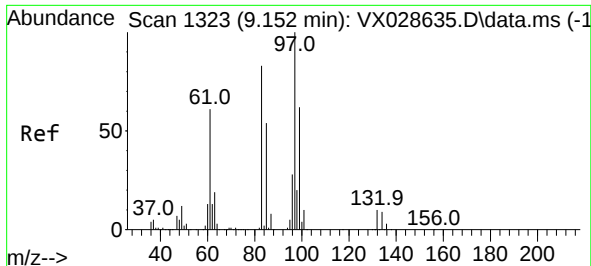
Tgt Ion: 98 Resp: 537806
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 43 Resp: 2479
Ion Ratio Lower Upper
43 100
58 184.4 36.1 54.1#





#55

1,1,2-Trichloroethane

Concen: 0.908 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.123 min

Lab File: VX028657.D

Acq: 12 May 2022 22:42

Instrument :

MSVOA_X

ClientSampleId :

MW-1

Tgt Ion: 97 Resp: 2984

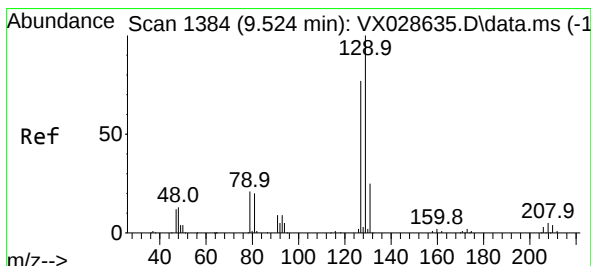
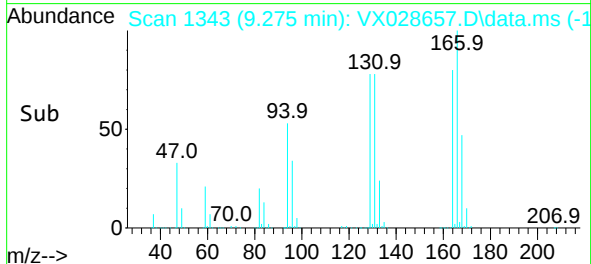
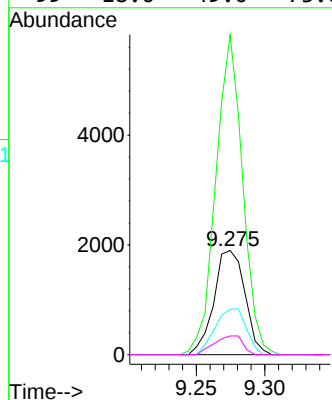
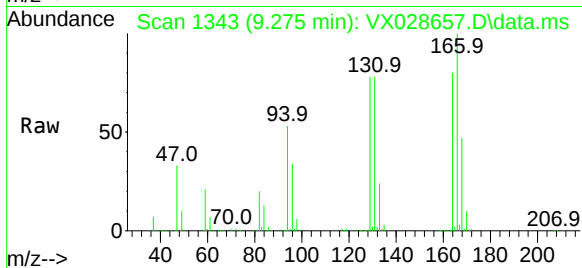
Ion Ratio Lower Upper

97 100

83 307.3 66.2 99.4#

85 43.6 42.9 64.3

99 18.0 49.0 73.6#



#60

Dibromochloromethane

Concen: 99.224 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX028657.D

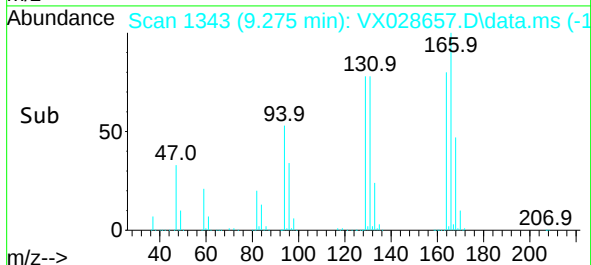
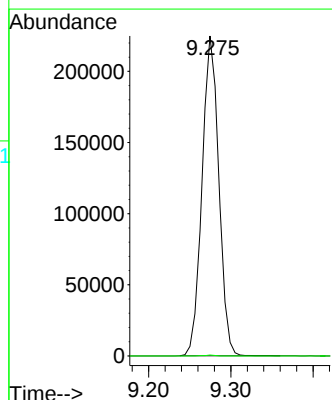
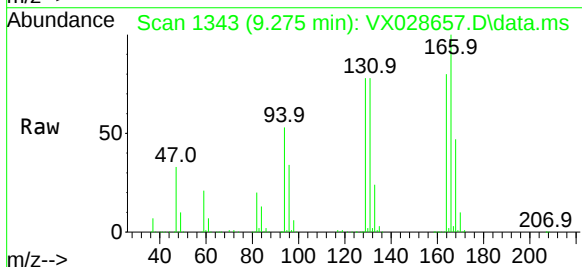
Acq: 12 May 2022 22:42

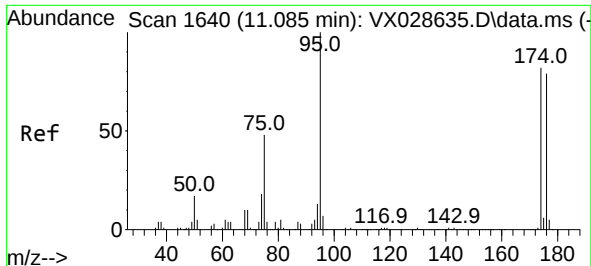
Tgt Ion: 129 Resp: 318036

Ion Ratio Lower Upper

129 100

127 0.2 40.3 120.8#

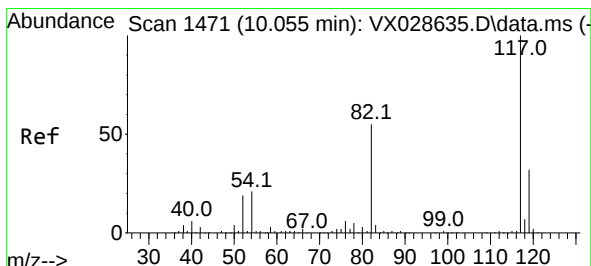
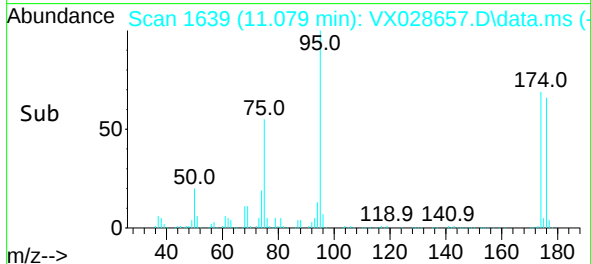
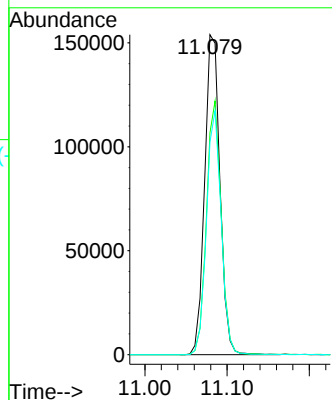
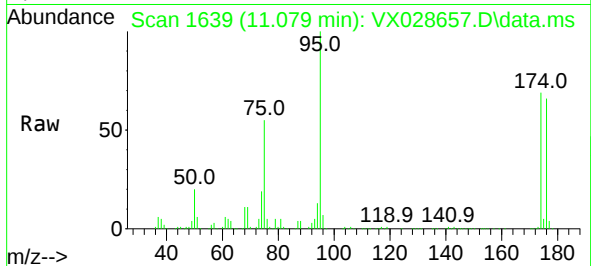




#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

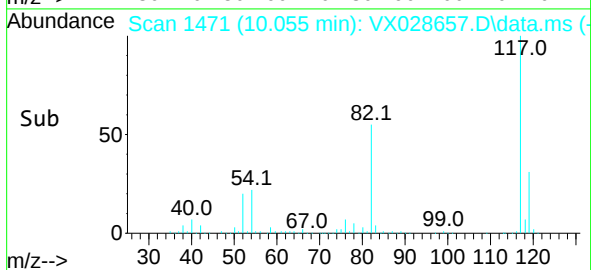
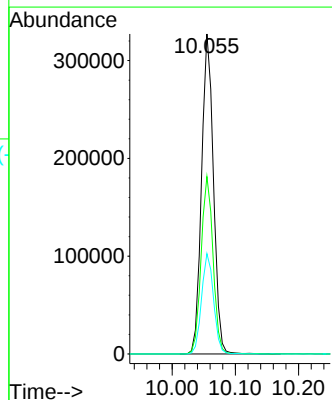
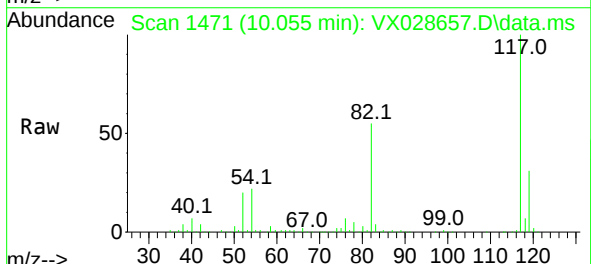
Instrument :
MSVOA_X
ClientSampleId :
MW-1

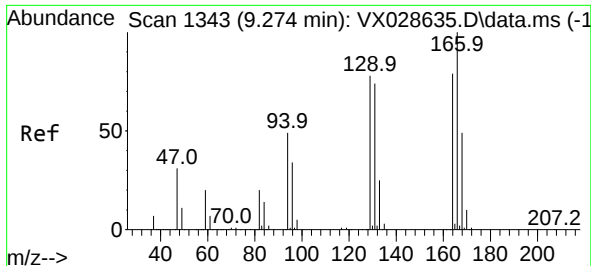
Tgt Ion: 95 Resp: 199060
Ion Ratio Lower Upper
95 100
174 76.2 0.0 163.0
176 73.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 117 Resp: 428694
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 31.4 24.8 37.2

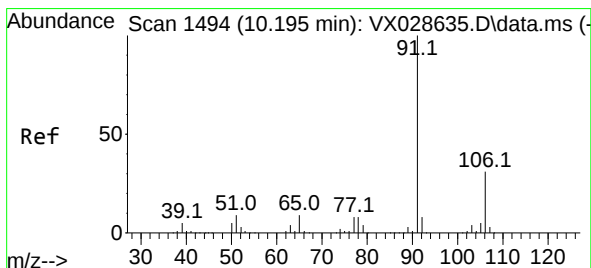
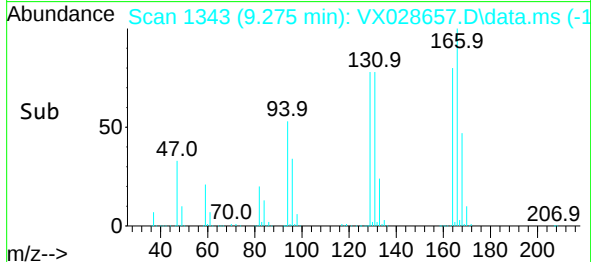
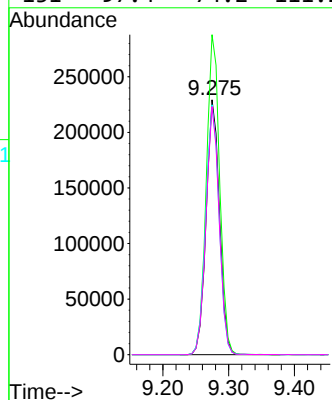
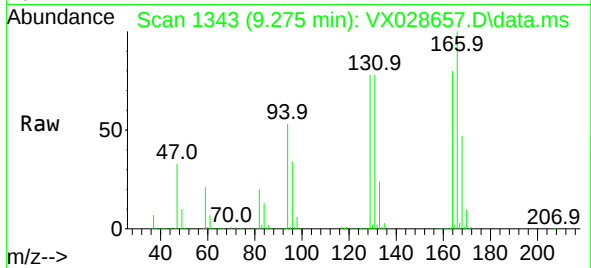




#64
Tetrachloroethene
Concen: 99.639 ug/l
RT: 9.275 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

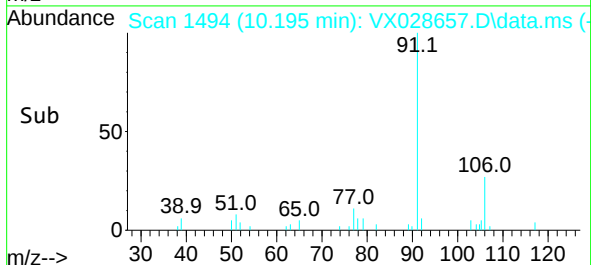
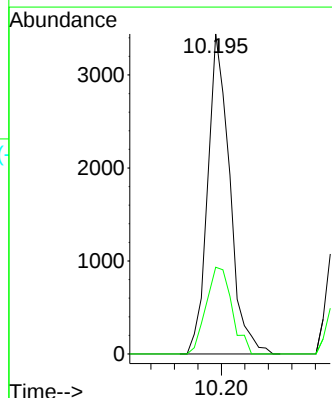
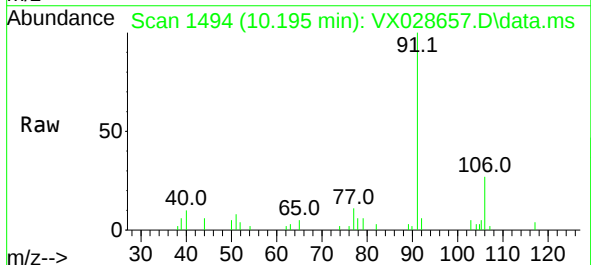
Instrument :
MSVOA_X
ClientSampleId :
MW-1

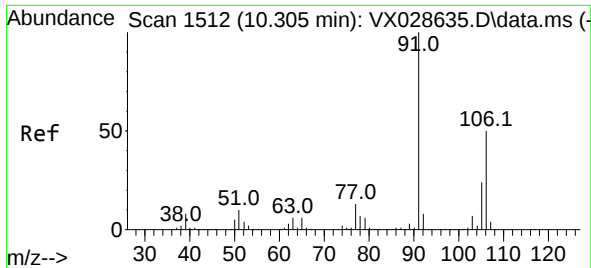
Tgt Ion:164 Resp: 322563
Ion Ratio Lower Upper
164 100
166 125.5 101.2 151.8
129 98.1 73.0 109.4
131 97.4 74.2 111.2



#67
Ethyl Benzene
Concen: 0.274 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 91 Resp: 4466
Ion Ratio Lower Upper
91 100
106 27.1 24.6 36.8

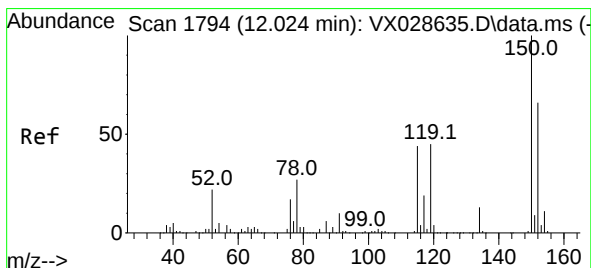
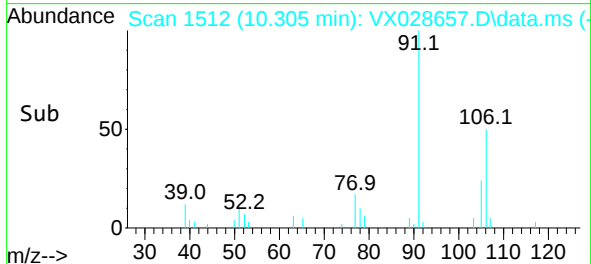
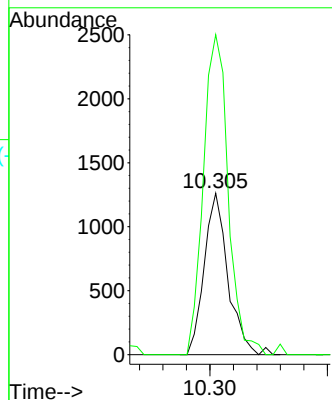
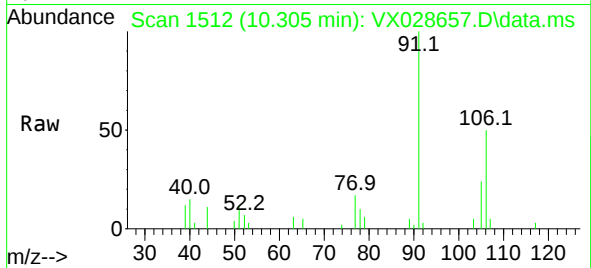




#68
m/p-Xylenes
Concen: 0.280 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

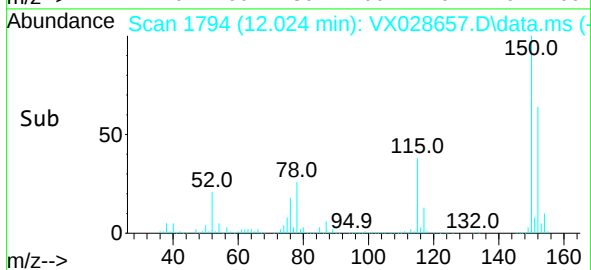
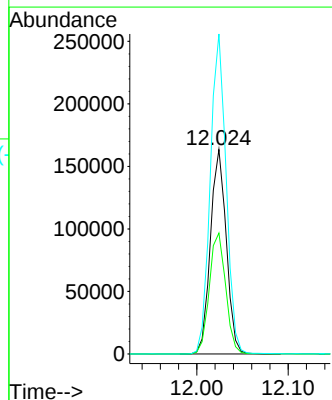
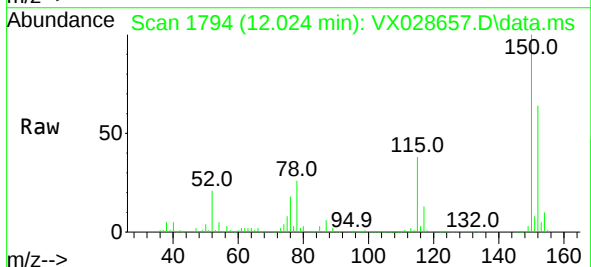
Instrument :
MSVOA_X
ClientSampleId :
MW-1

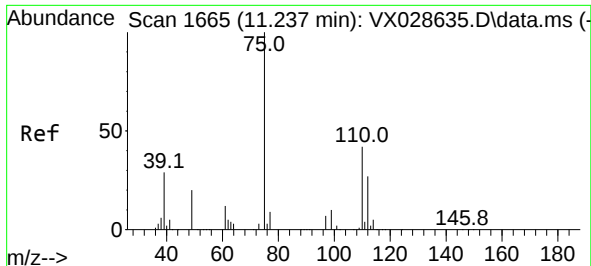
Tgt Ion:106 Resp: 1776
Ion Ratio Lower Upper
106 100
91 206.0 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion:152 Resp: 196766
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 156.7 0.0 338.2

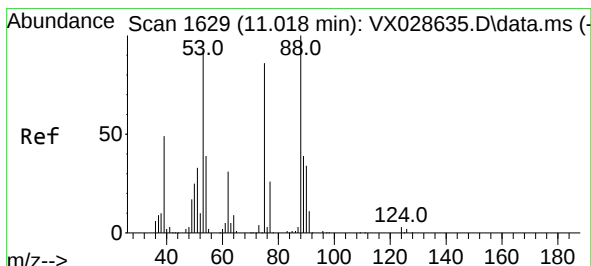
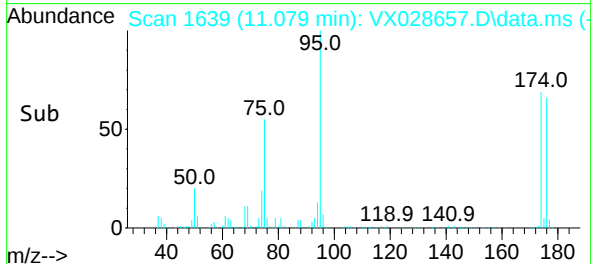
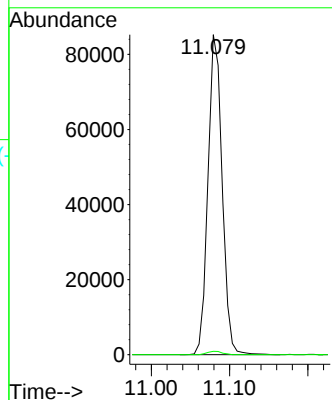
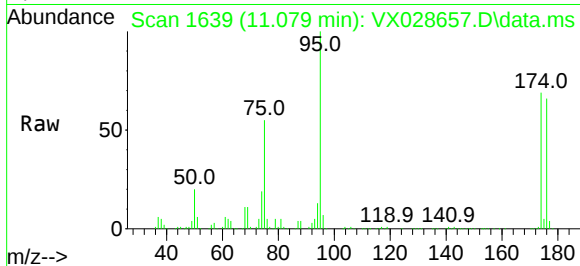




#76
1,2,3-Trichloropropane
Concen: 23.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

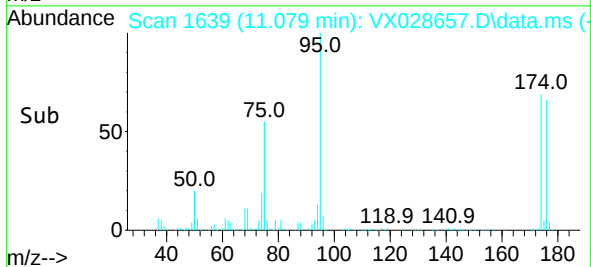
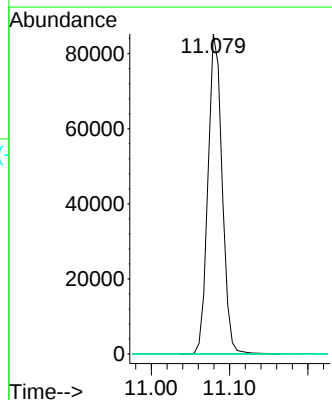
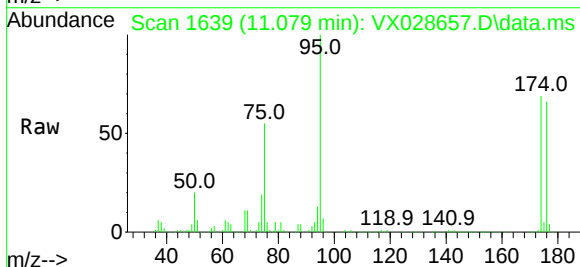
Instrument :
MSVOA_X
ClientSampleId :
MW-1

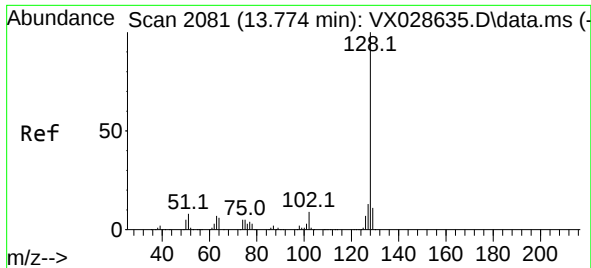
Tgt Ion: 75 Resp: 106676
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 75 Resp: 106676
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.560 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion:	128	Resp:	7826
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	9.3	8.7	13.1

