

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028652.D
 Acq On : 12 May 2022 20:45
 Operator : JC/MD
 Sample : N2799-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8BR

Quant Time: May 13 02:49:42 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)

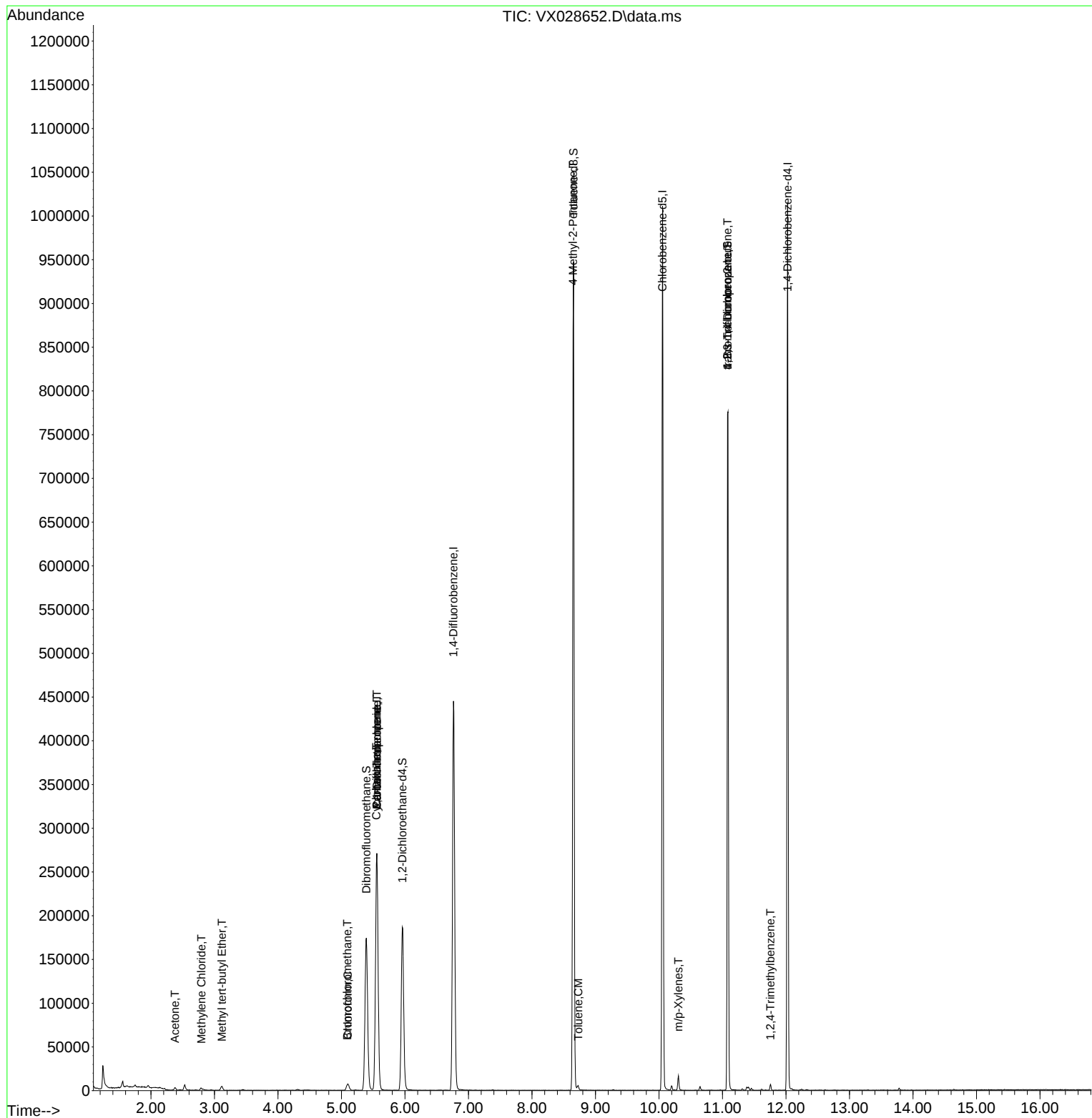
Internal Standards						
1) Pentafluorobenzene	5.556	168	245729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178543	53.006	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.020%
35) Dibromofluoromethane	5.391	113	148624	50.014	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.020%
50) Toluene-d8	8.653	98	548913	48.994	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	206088	49.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	686	Below Cal	#	77
6) Chloroethane	1.587	64	459	Below Cal	#	58
11) Tert butyl alcohol	2.941	59	290	Below Cal	#	72
16) Acetone	2.380	43	3247	2.246	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	4182	0.463	ug/l #	89
20) Methylene Chloride	2.794	84	960	0.317	ug/l #	81
28) Bromochloromethane	5.093	49	685	0.321	ug/l #	7
30) Chloroform	5.099	83	8475	1.545	ug/l	92
31) Cyclohexane	5.550	56	6060	1.296	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	20871	4.676	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26578	5.917	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2275	0.474	ug/l #	1
52) Toluene	8.726	92	1763	0.214	ug/l	97
68) m/p-Xylenes	10.305	106	3880	0.598	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	110781	24.010	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	110781	69.955	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	3045	0.244	ug/l	95

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

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Quant Time: May 13 02:49:42 2022
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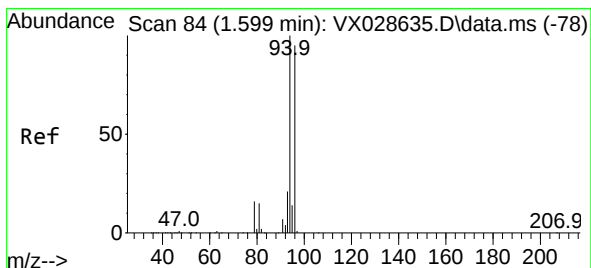
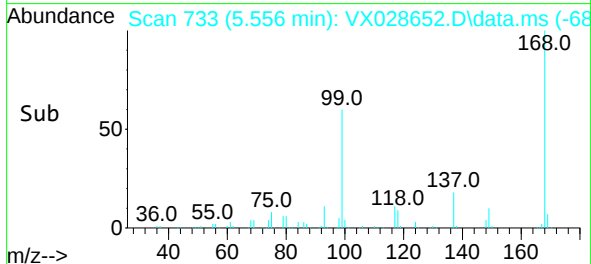
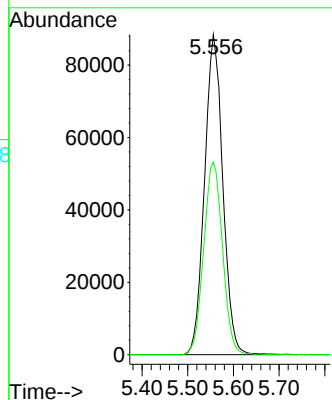
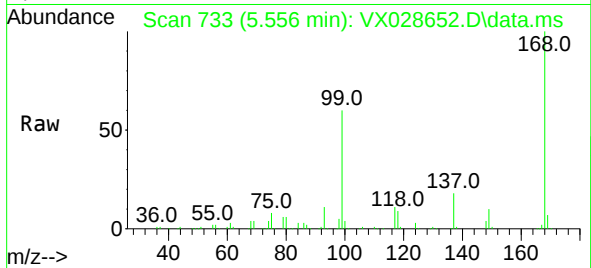




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

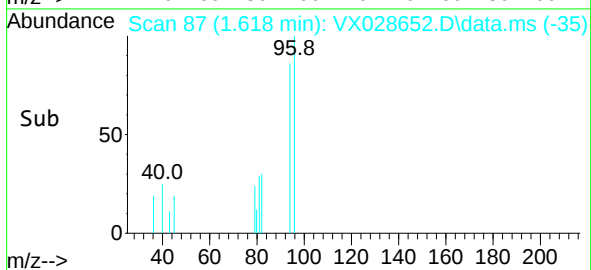
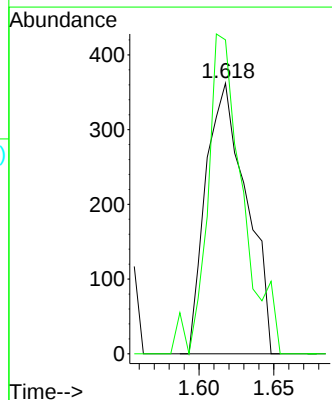
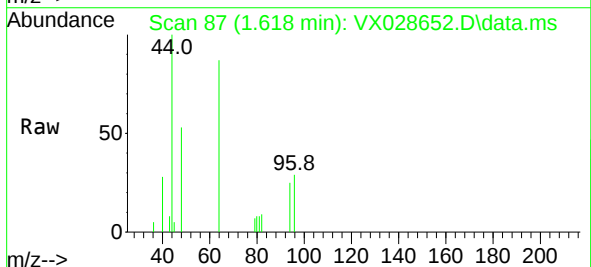
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

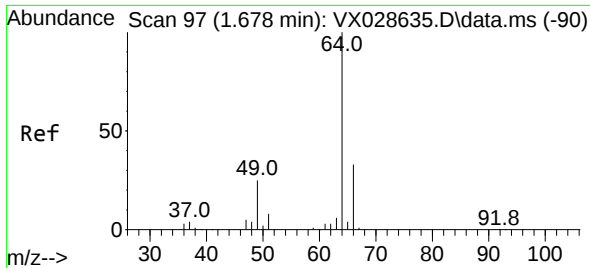
Tgt Ion:168 Resp: 245729
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 94 Resp: 686
Ion Ratio Lower Upper
94 100
96 116.0 75.3 112.9#

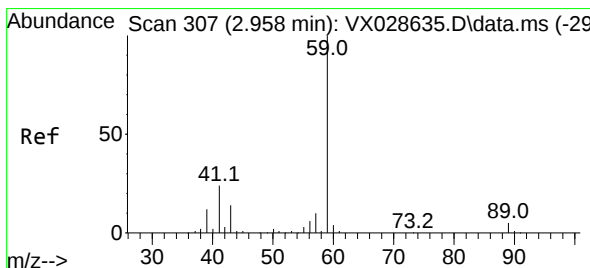
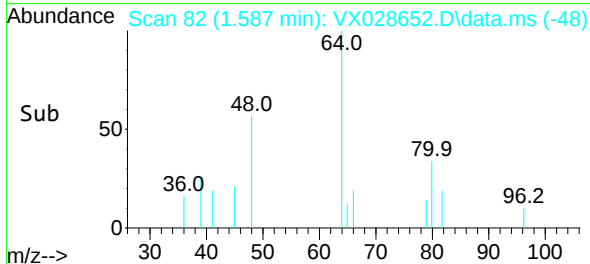
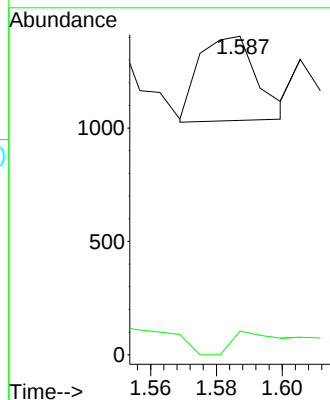
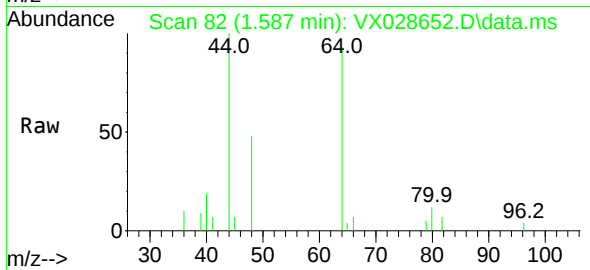




#6
Chloroethane
Concen: Below Cal
RT: 1.587 min Scan# 81
Delta R.T. -0.091 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

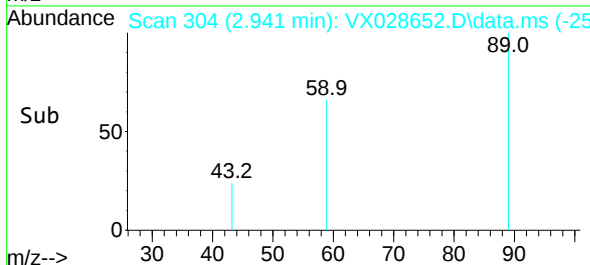
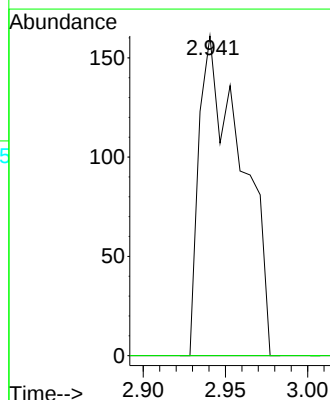
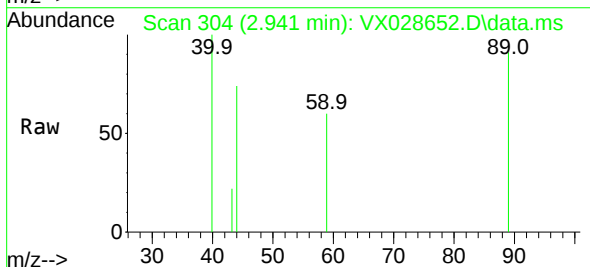
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

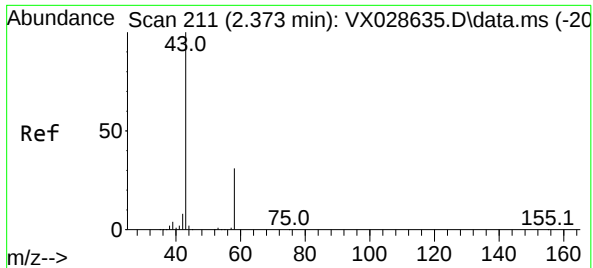
Tgt Ion: 64 Resp: 459
Ion Ratio Lower Upper
64 100
66 8.5 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

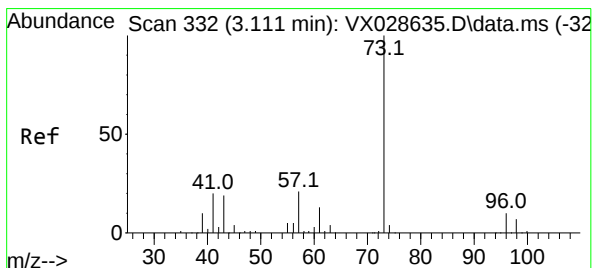
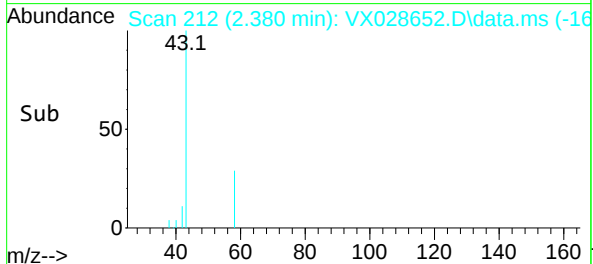
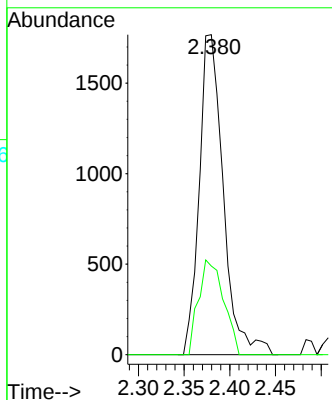
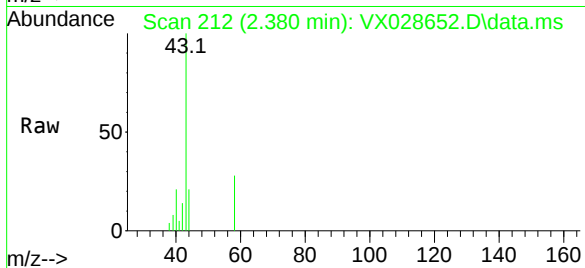




#16
Acetone
Concen: 2.246 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

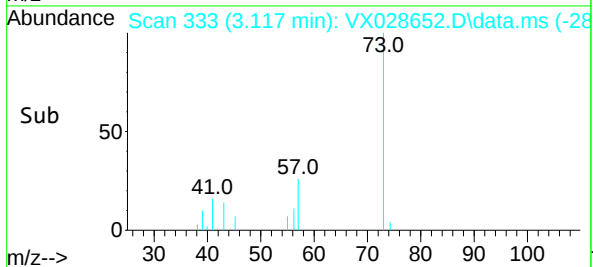
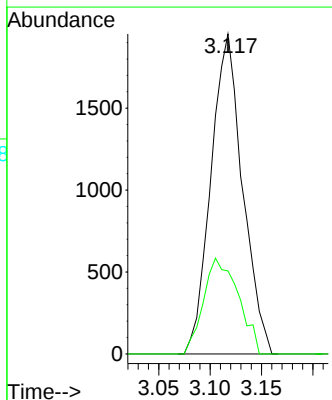
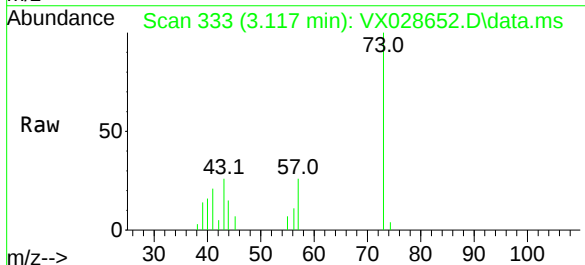
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

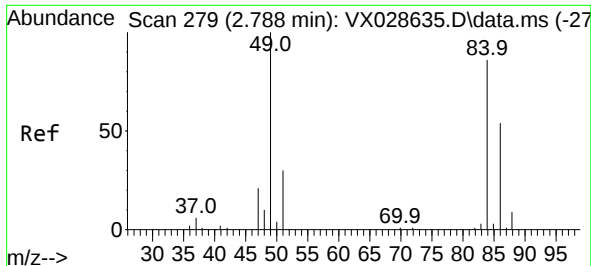
Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
58 27.7 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 0.463 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 73 Resp: 4182
Ion Ratio Lower Upper
73 100
57 26.0 16.8 25.2#

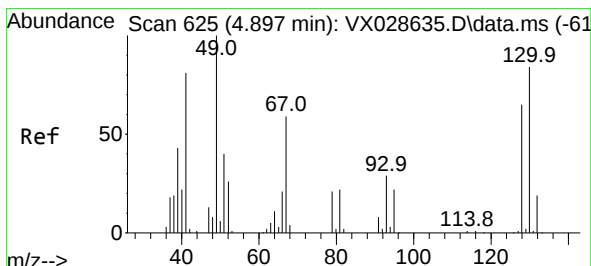
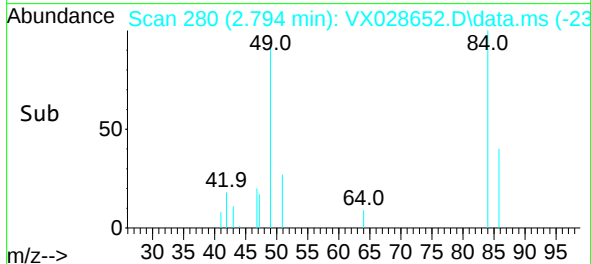
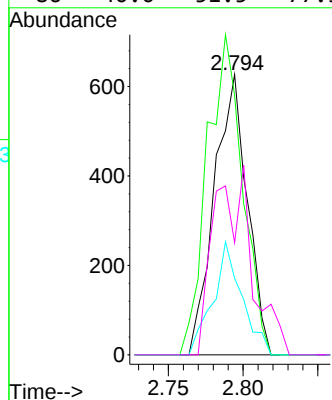
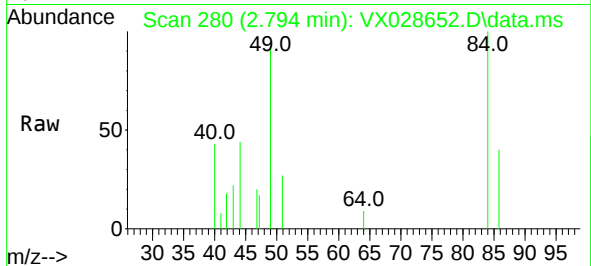




#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

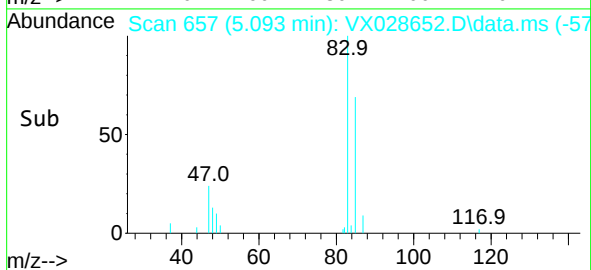
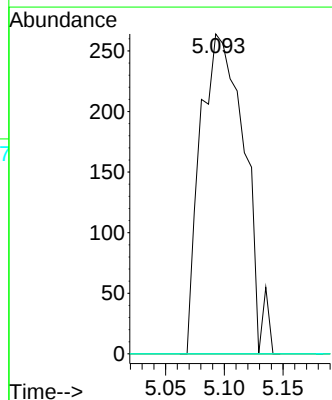
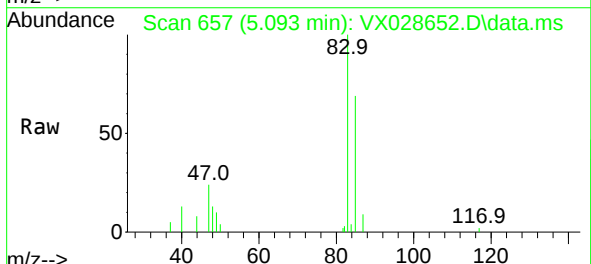
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

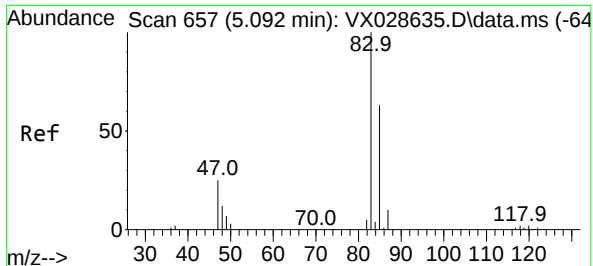
Tgt Ion: 84	Resp:	960
Ion	Ratio	Lower Upper
84	100	
49	92.7	85.5 128.3
51	27.3	26.6 39.8
86	40.0	51.5 77.3



#28
Bromochloromethane
Concen: 0.321 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.196 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 49	Resp:	685
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 4.4
130	0.0	70.7 106.1





#30

Chloroform

Concen: 1.545 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX028652.D

Acq: 12 May 2022 20:45

Instrument :

MSVOA_X

ClientSampleId :

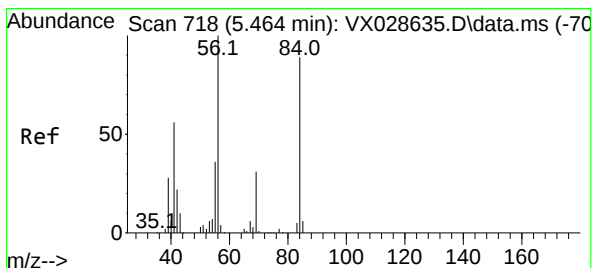
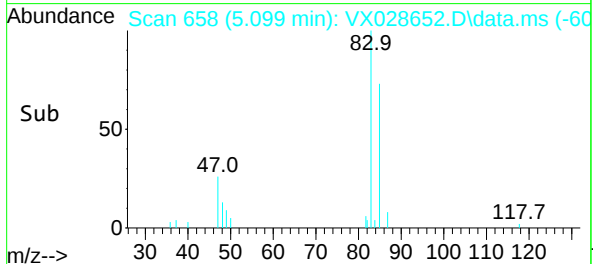
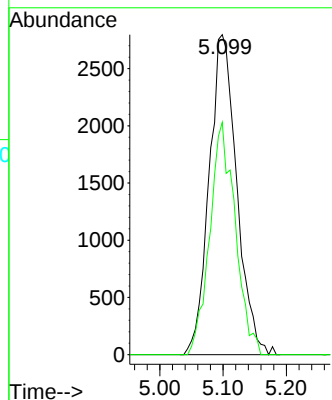
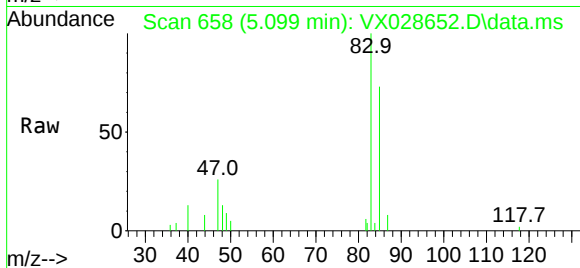
MW-8BR

Tgt Ion: 83 Resp: 8475

Ion Ratio Lower Upper

83 100

85 72.6 52.7 79.1



#31

Cyclohexane

Concen: 1.296 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028652.D

Acq: 12 May 2022 20:45

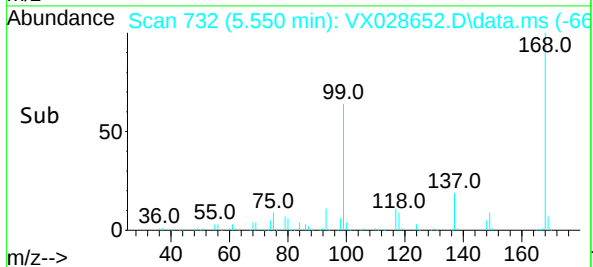
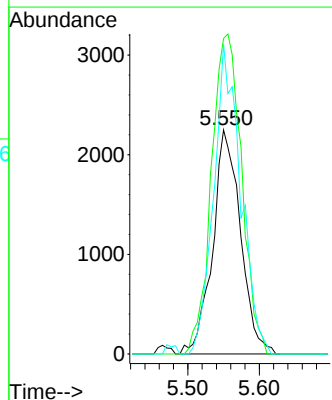
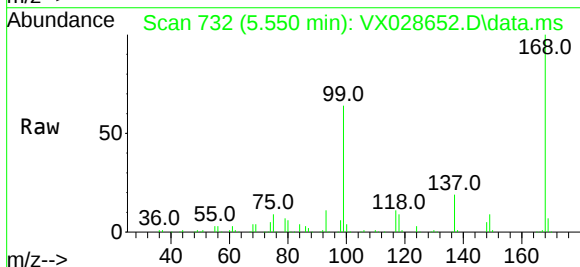
Tgt Ion: 56 Resp: 6060

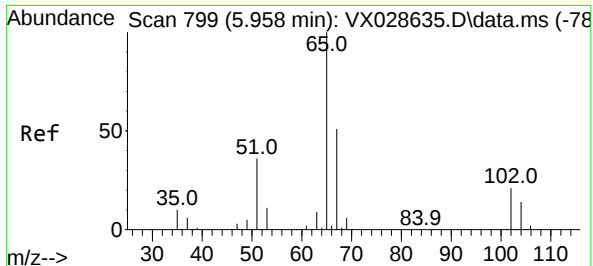
Ion Ratio Lower Upper

56 100

69 140.8 26.7 40.1#

84 138.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 53.006 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028652.D

Acq: 12 May 2022 20:45

Instrument :

MSVOA_X

ClientSampleId :

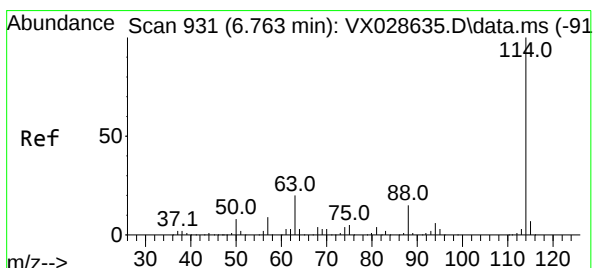
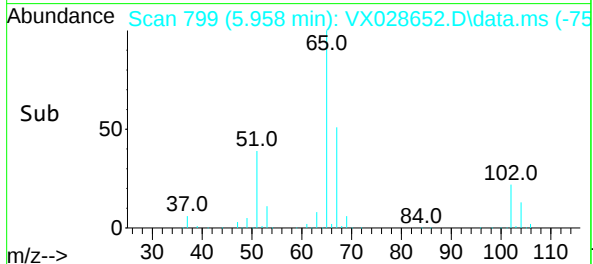
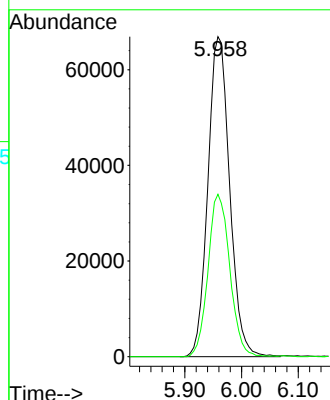
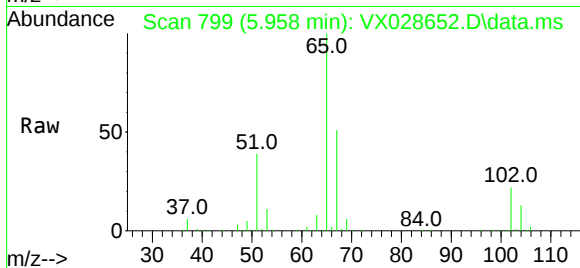
MW-8BR

Tgt Ion: 65 Resp: 178543

Ion Ratio Lower Upper

65 100

67 50.8 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: VX028652.D

Acq: 12 May 2022 20:45

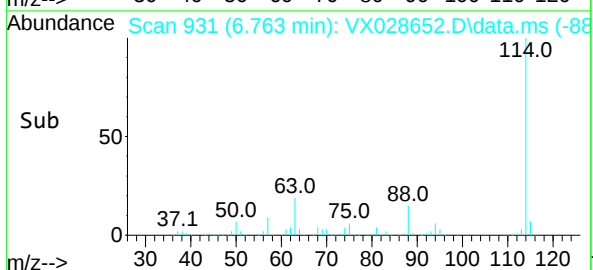
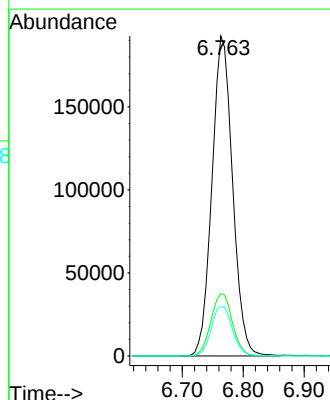
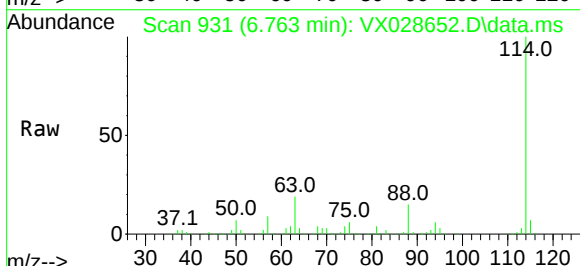
Tgt Ion: 114 Resp: 453559

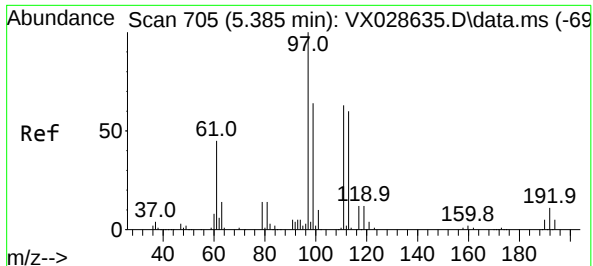
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.014 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028652.D

Acq: 12 May 2022 20:45

Instrument :

MSVOA_X

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MW-8BR

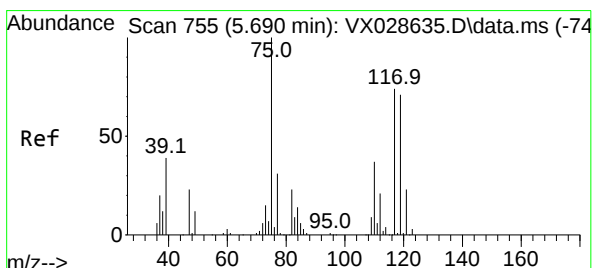
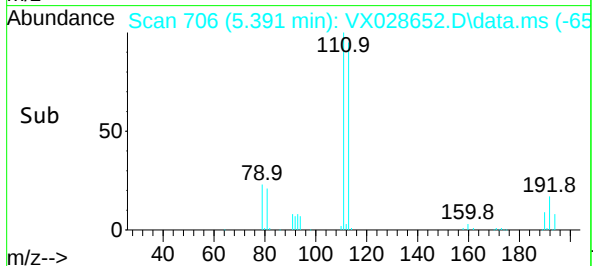
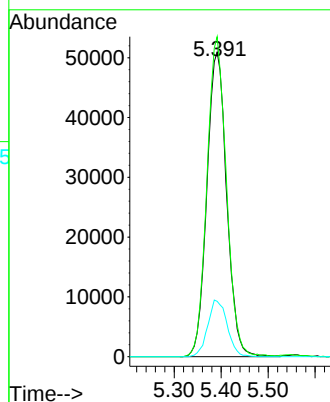
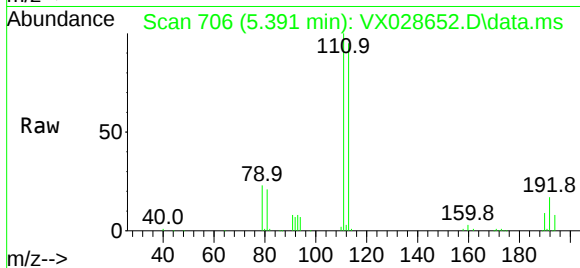
Tgt Ion:113 Resp: 148624

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 18.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.676 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028652.D

Acq: 12 May 2022 20:45

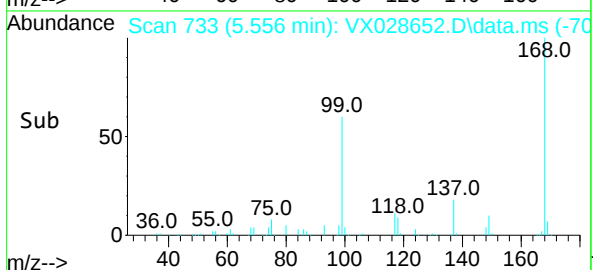
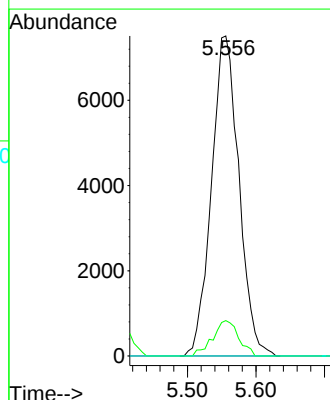
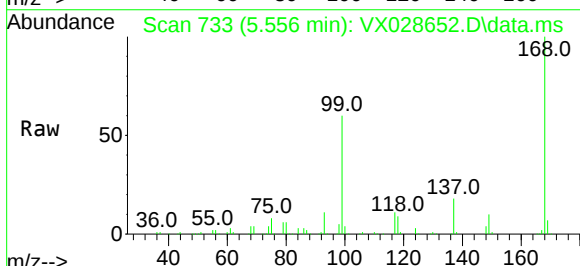
Tgt Ion: 75 Resp: 20871

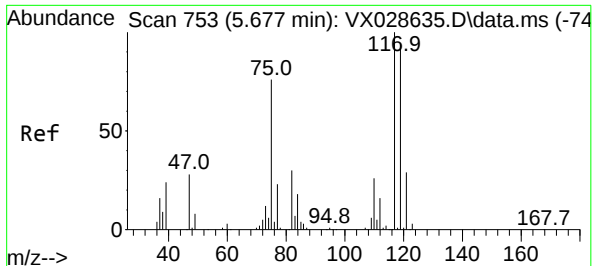
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

77 0.0 24.8 37.2#

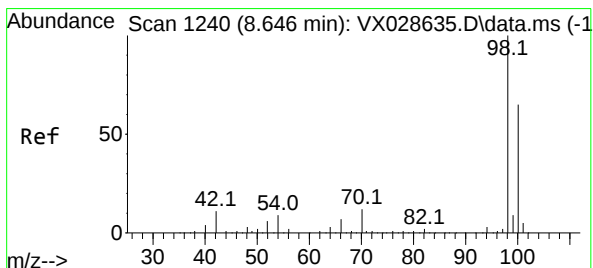
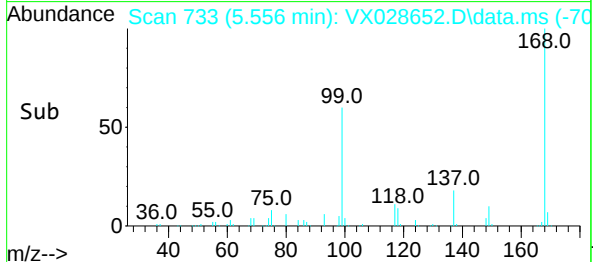
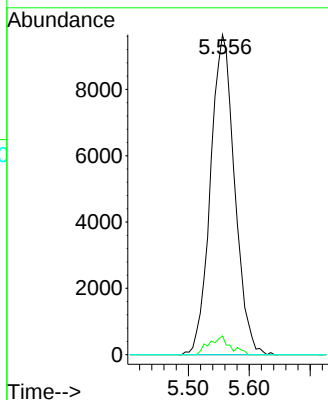
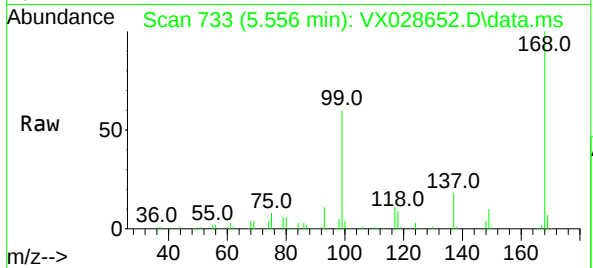




#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

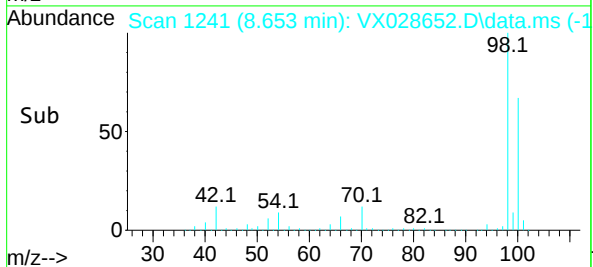
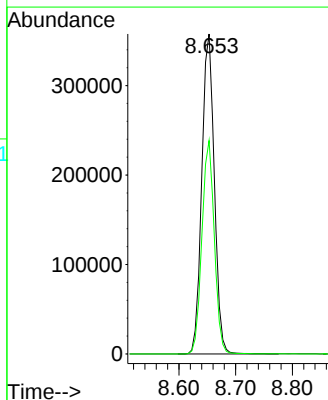
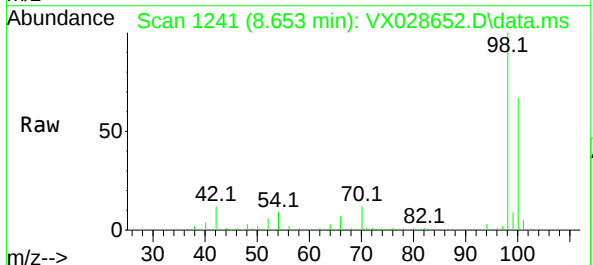
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

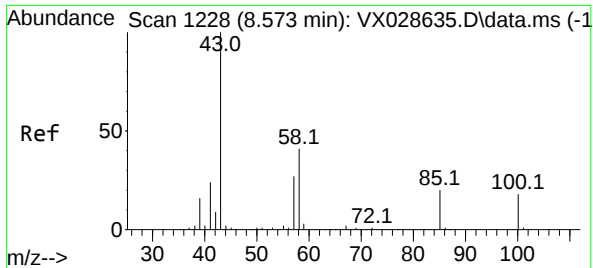
Tgt Ion:117 Resp: 26578
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.994 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 98 Resp: 548913
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

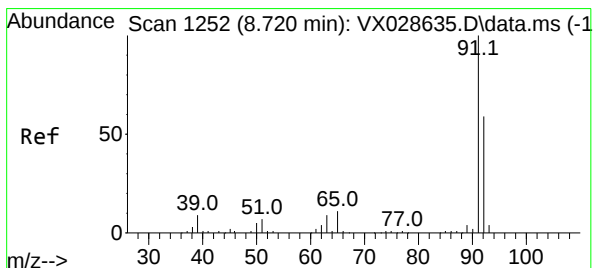
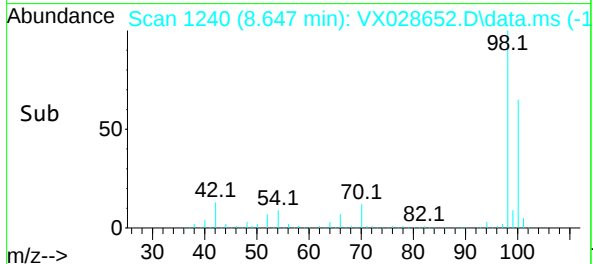
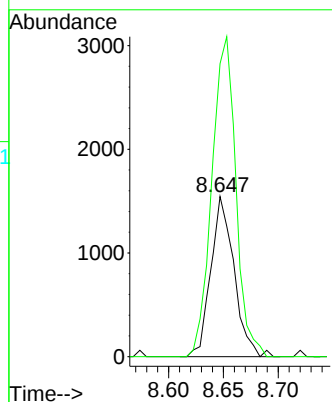
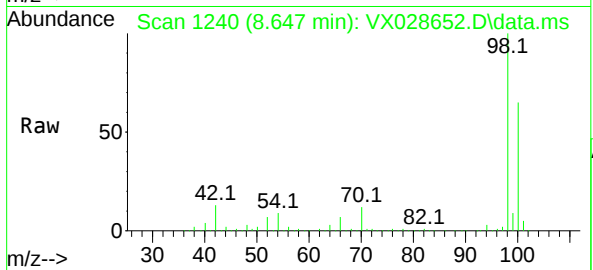




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

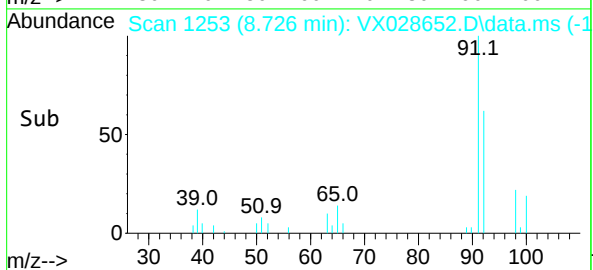
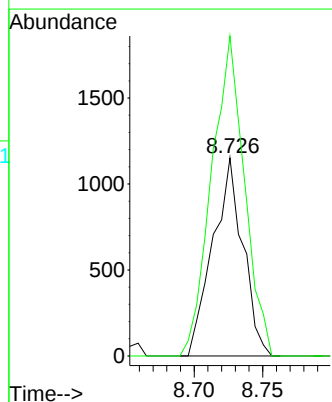
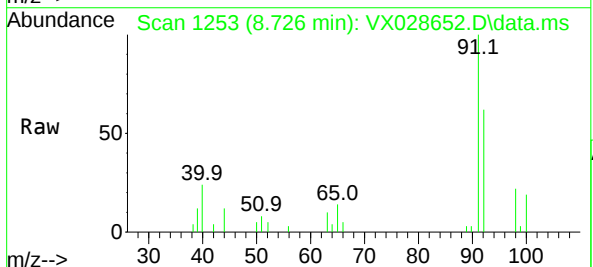
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

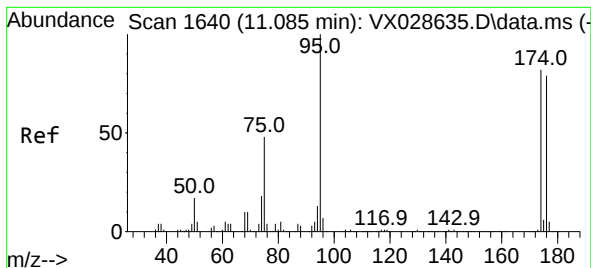
Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
58 206.5 36.1 54.1#



#52
Toluene
Concen: 0.214 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 92 Resp: 1763
Ion Ratio Lower Upper
92 100
91 176.1 137.5 206.3

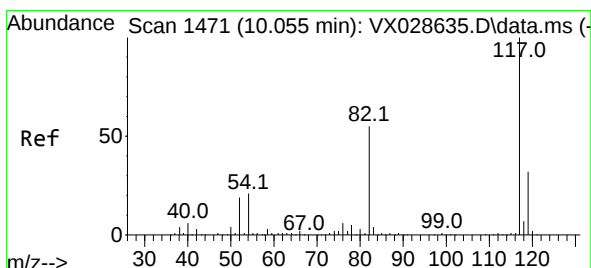
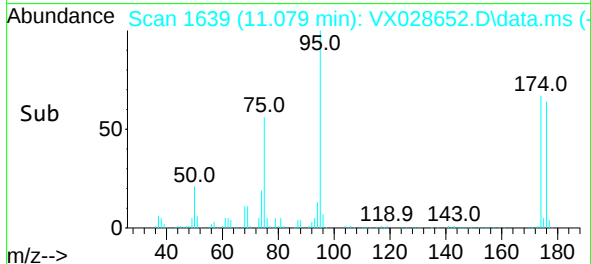
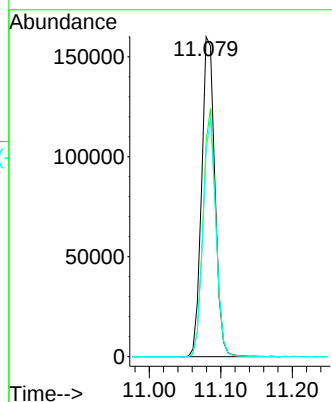
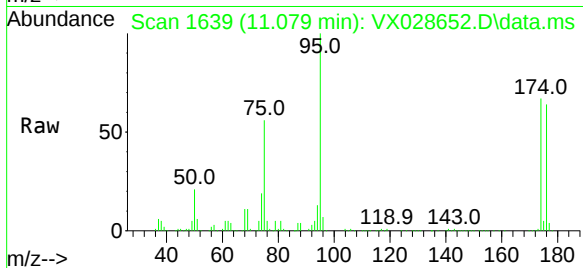




#62
4-Bromofluorobenzene
Concen: 49.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

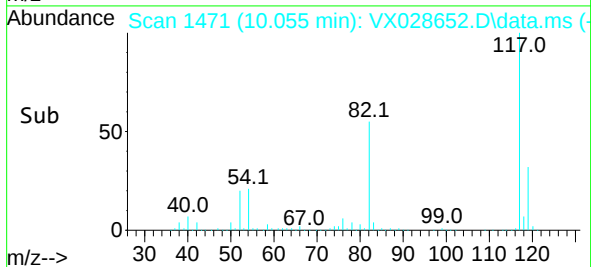
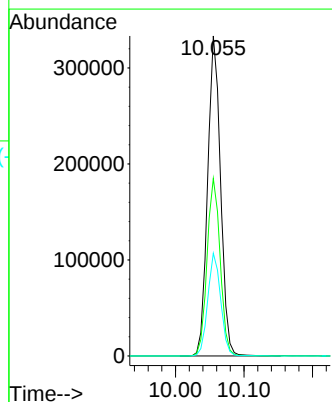
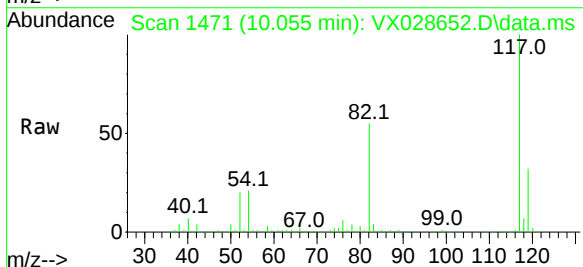
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

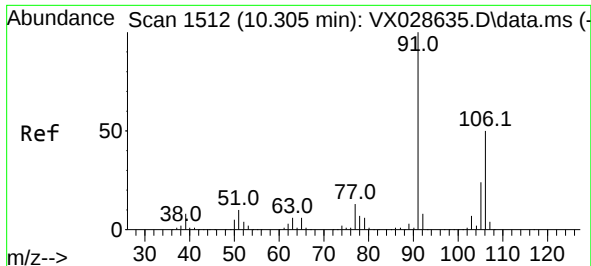
Tgt Ion: 95 Resp: 206088
Ion Ratio Lower Upper
95 100
174 75.0 0.0 163.0
176 72.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 117 Resp: 437995
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.1 24.8 37.2

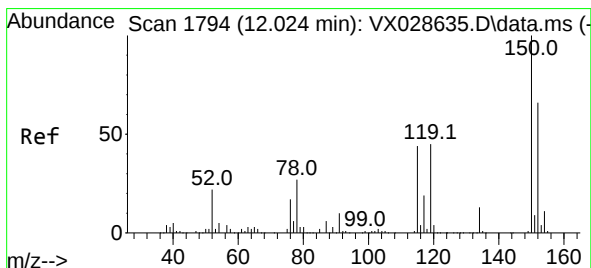
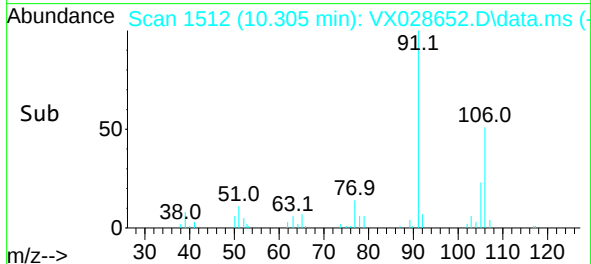
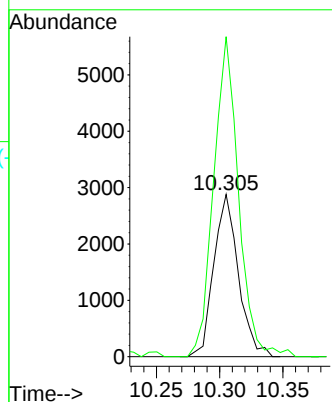
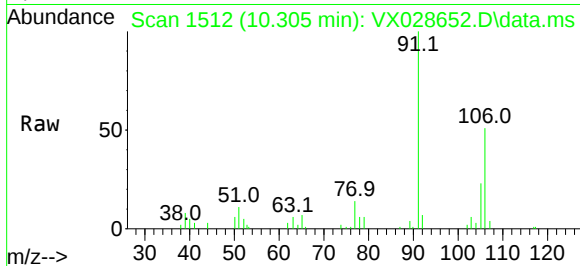




#68
m/p-Xylenes
Concen: 0.598 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

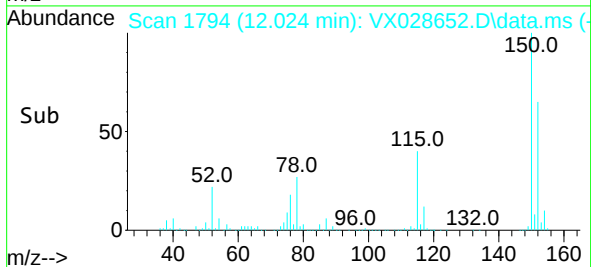
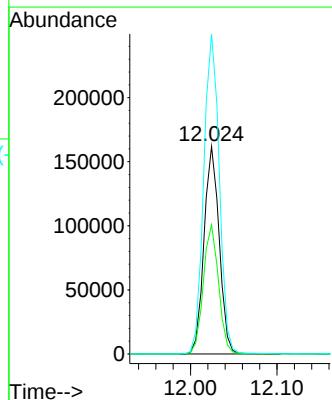
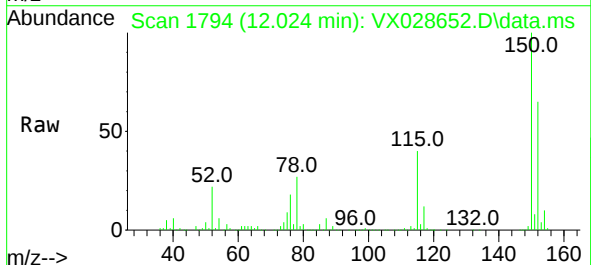
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

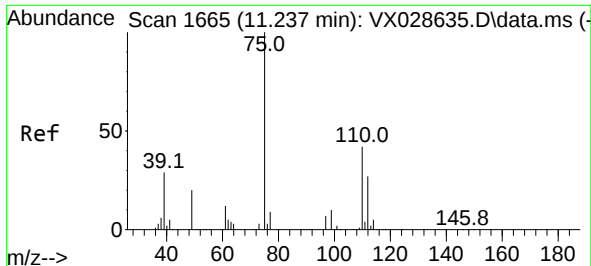
Tgt Ion:106 Resp: 3880
Ion Ratio Lower Upper
106 100
91 199.8 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion:152 Resp: 197014
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 158.0 0.0 338.2

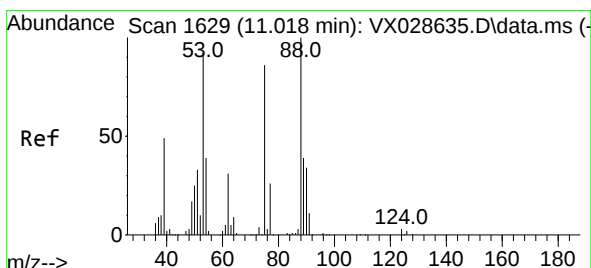
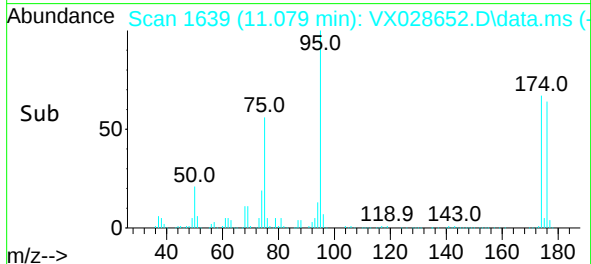
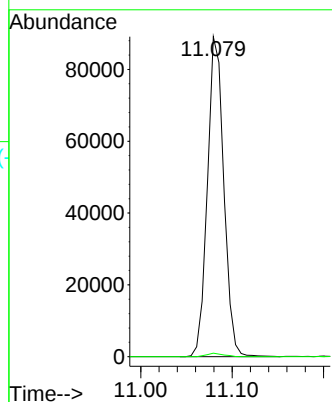
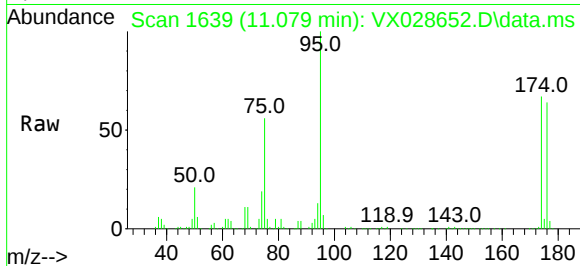




#76
1,2,3-Trichloropropane
Concen: 24.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

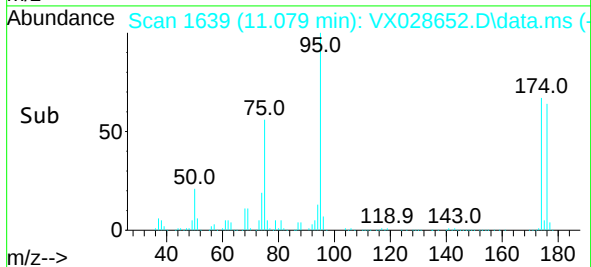
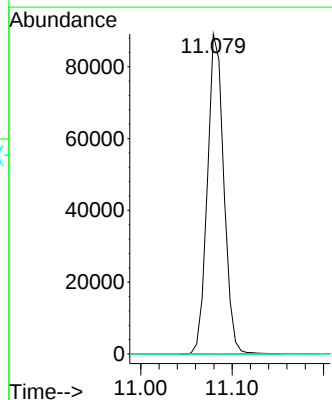
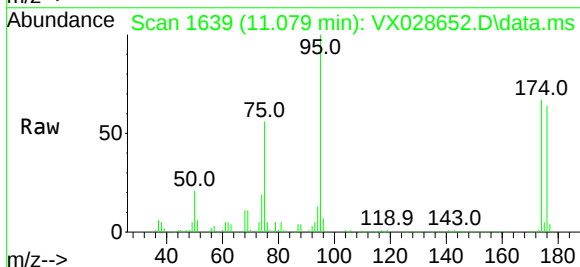
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

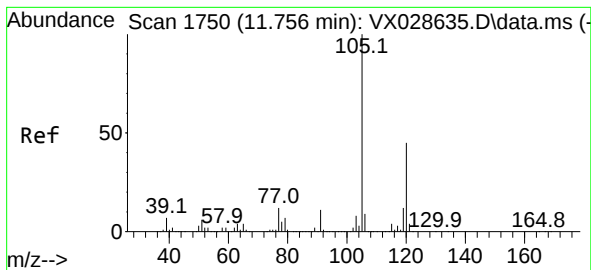
Tgt Ion: 75 Resp: 110781
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 75 Resp: 110781
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.244 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028652.D

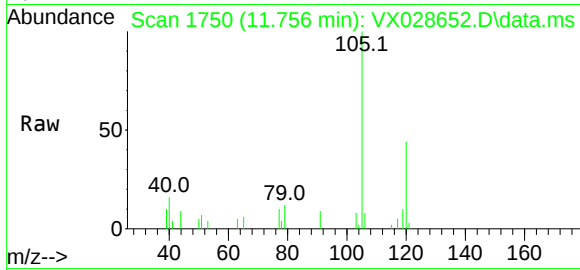
Acq: 12 May 2022 20:45

Instrument :

MSVOA_X

ClientSampleId :

MW-8BR



Tgt Ion:105 Resp: 3045

Ion Ratio Lower Upper

105 100

120 48.7 22.6 67.8

