

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029034.D
 Acq On : 27 May 2022 19:07
 Operator : JC/MD
 Sample : N2968-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-45

Quant Time: May 27 22:11:32 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)

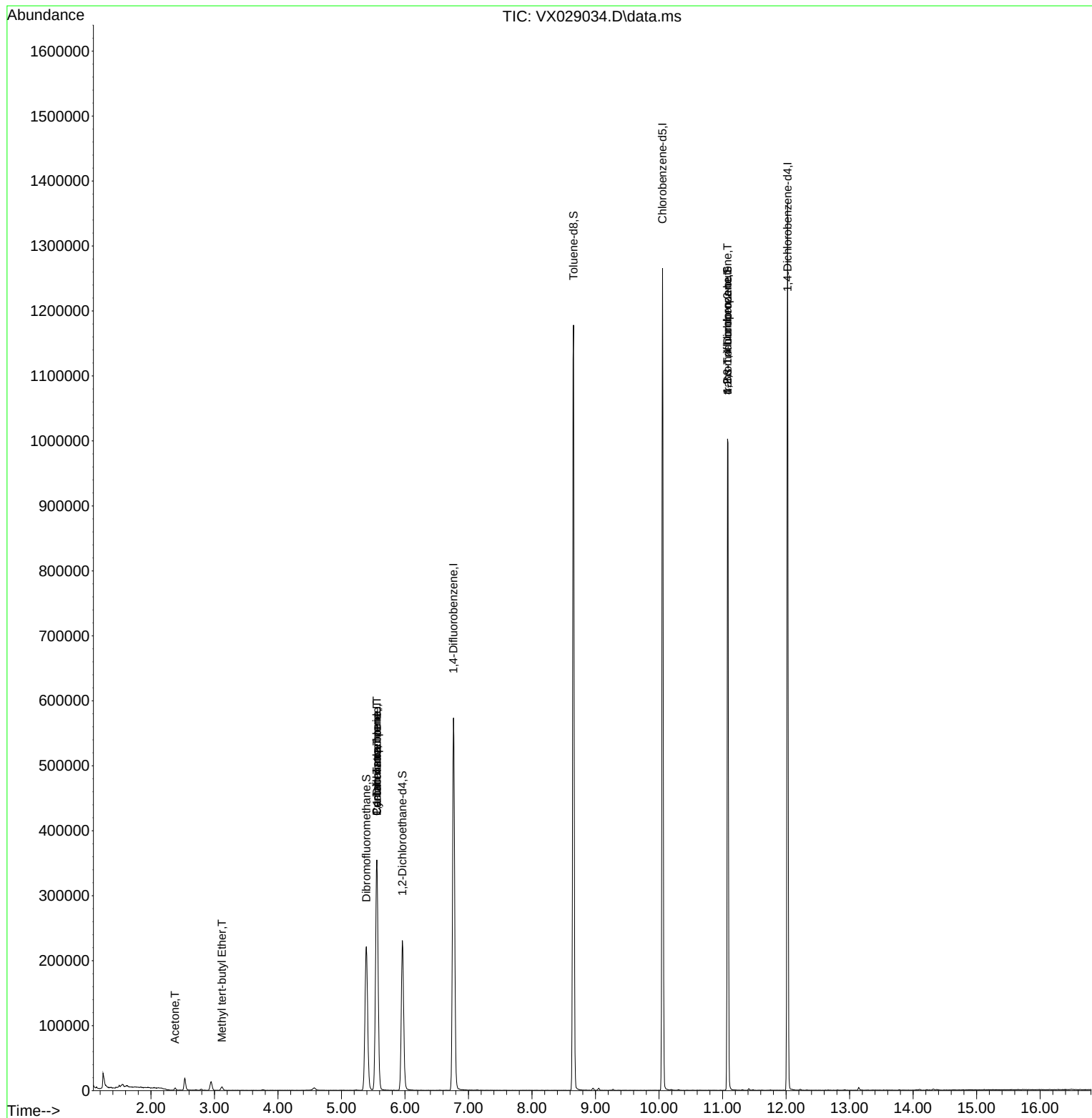
Internal Standards						
1) Pentafluorobenzene	5.556	168	340150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	605637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	589888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	282716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223083	47.845	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.680%
35) Dibromofluoromethane	5.391	113	199470	50.269	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.540%
50) Toluene-d8	8.653	98	717439	47.956	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.920%
62) 4-Bromofluorobenzene	11.079	95	284882	50.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	1121	Below Cal		82
6) Chloroethane	1.532	64	1425	Below Cal	#	61
16) Acetone	2.380	43	3872	1.935	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	6011	0.481	ug/l	# 90
31) Cyclohexane	5.556	56	6185	0.956	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	24466	4.105	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	35297	5.885	ug/l	# 17
76) 1,2,3-Trichloropropane	11.079	75	141265	21.336	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	141265	62.594	ug/l	# 15

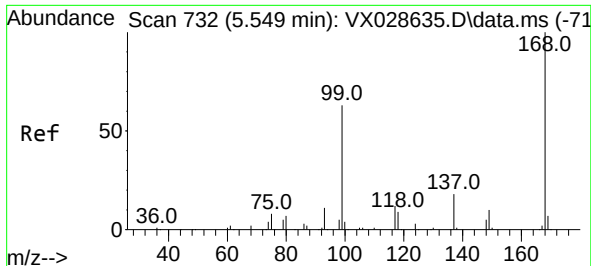
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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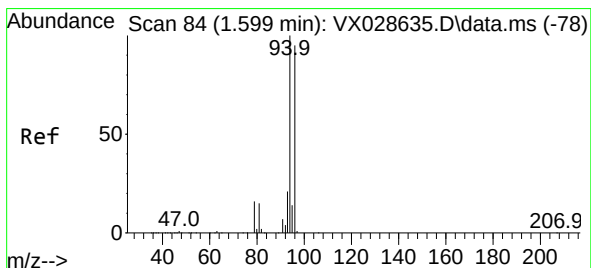
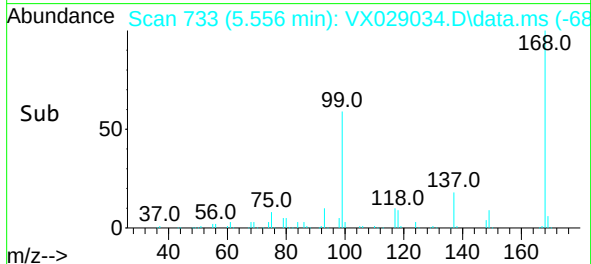
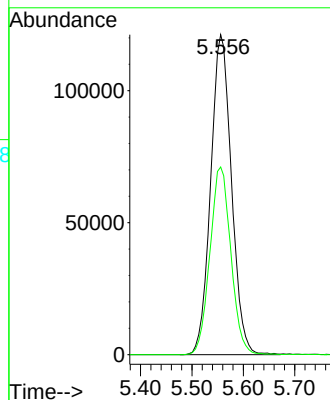
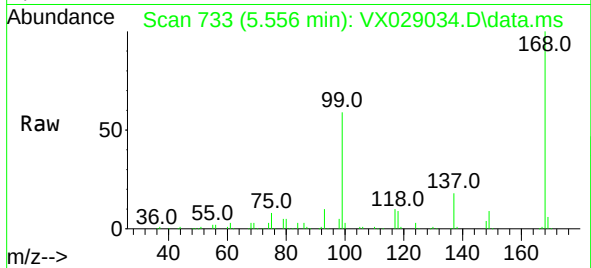




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

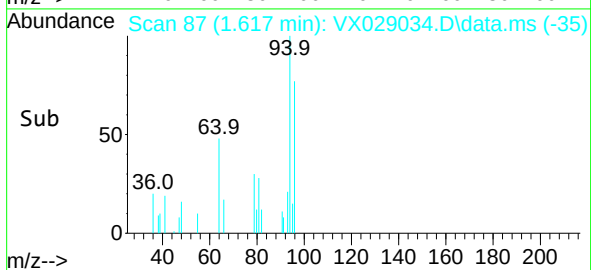
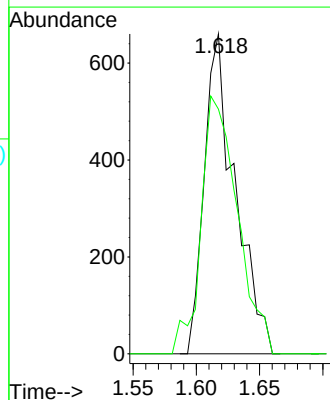
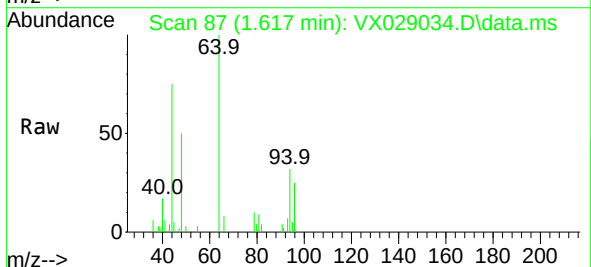
Instrument :
MSVOA_X
ClientSampleId :
MW-45

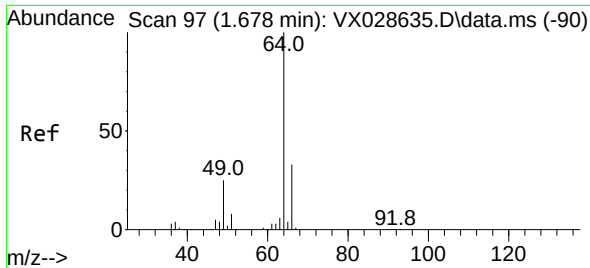
Tgt Ion:168 Resp: 340150
Ion Ratio Lower Upper
168 100
99 58.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

Tgt Ion: 94 Resp: 1121
Ion Ratio Lower Upper
94 100
96 76.5 75.3 112.9

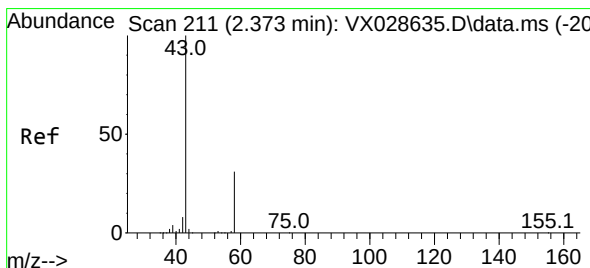
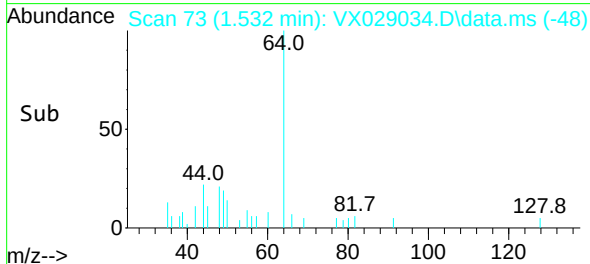
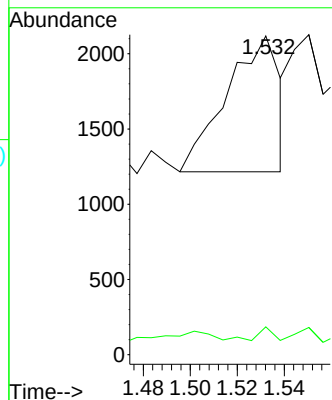
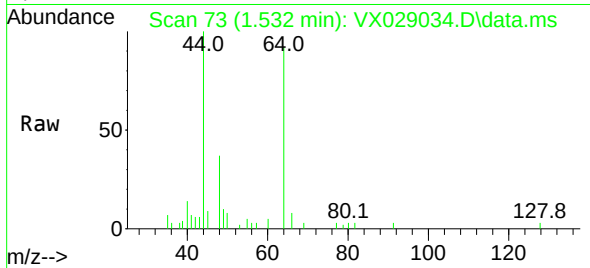




#6
Chloroethane
Concen: Below Cal
RT: 1.532 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

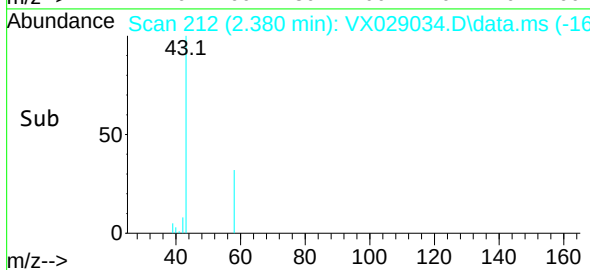
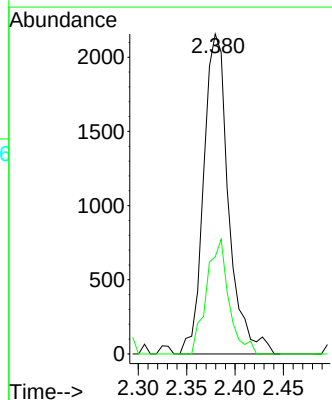
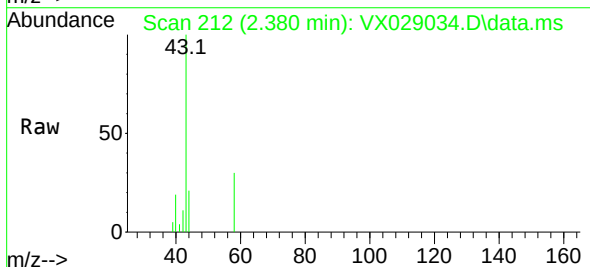
Instrument :
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ClientSampleId :
MW-45

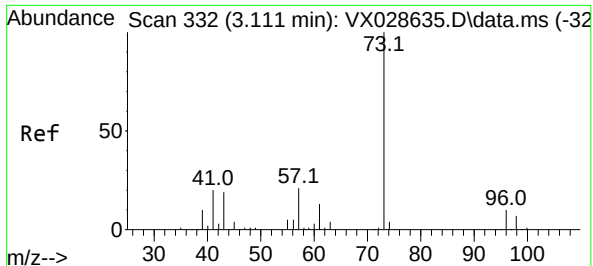
Tgt Ion: 64 Resp: 1425
Ion Ratio Lower Upper
64 100
66 10.0 25.3 37.9#



#16
Acetone
Concen: 1.935 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

Tgt Ion: 43 Resp: 3872
Ion Ratio Lower Upper
43 100
58 30.4 28.8 43.2

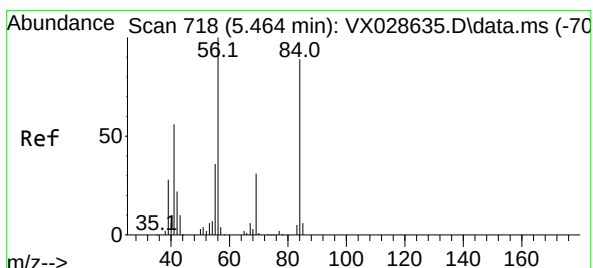
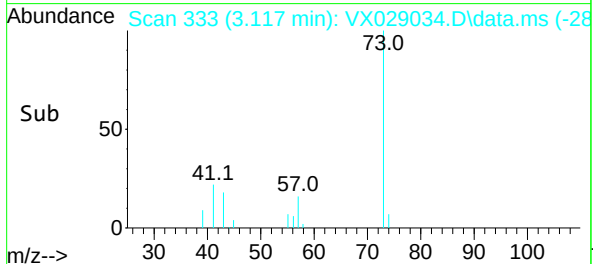
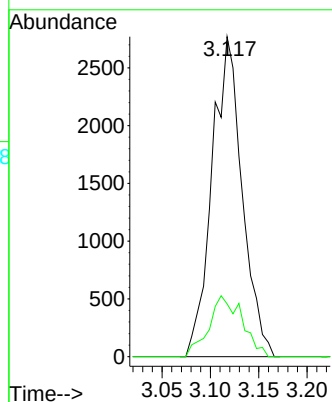
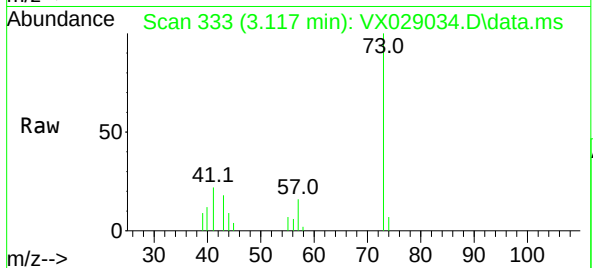




#19
Methyl tert-butyl Ether
Concen: 0.481 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

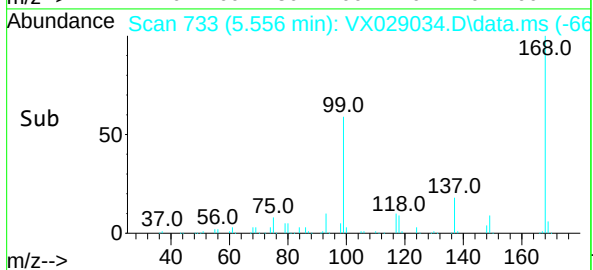
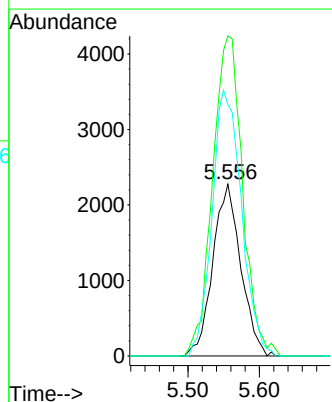
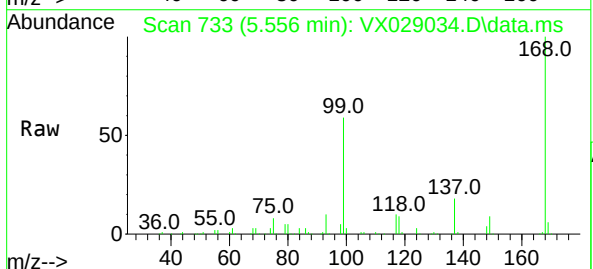
Instrument :
MSVOA_X
ClientSampleId :
MW-45

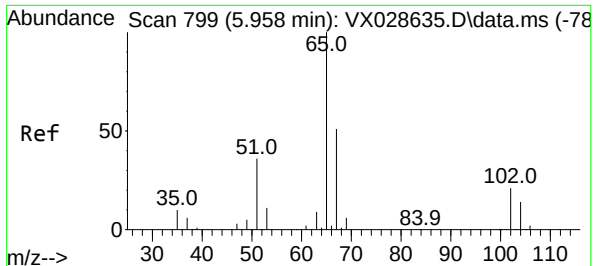
Tgt Ion: 73 Resp: 6011
Ion Ratio Lower Upper
73 100
57 16.5 16.8 25.2#



#31
Cyclohexane
Concen: 0.956 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

Tgt Ion: 56 Resp: 6185
Ion Ratio Lower Upper
56 100
69 186.3 26.7 40.1#
84 146.5 77.2 115.8#

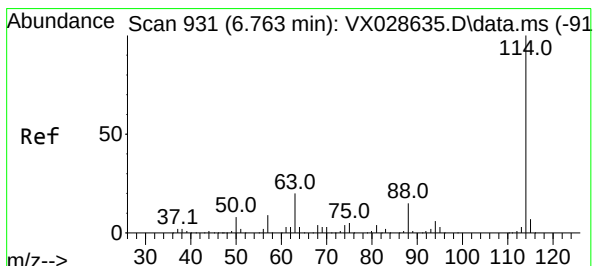
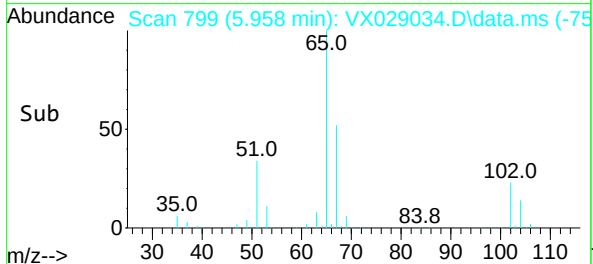
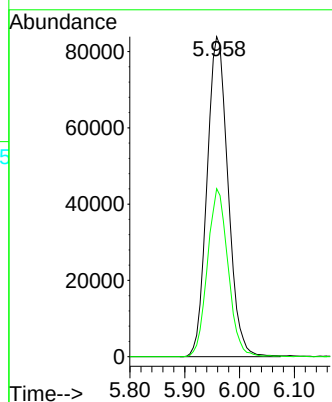
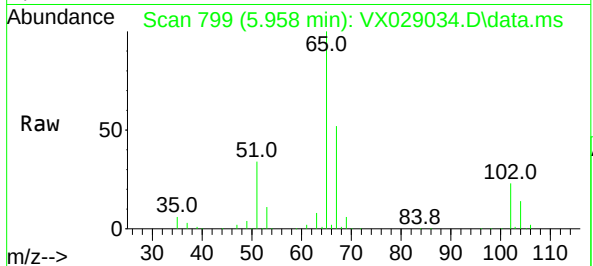




#33
 1,2-Dichloroethane-d4
 Concen: 47.845 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029034.D
 Acq: 27 May 2022 19:07

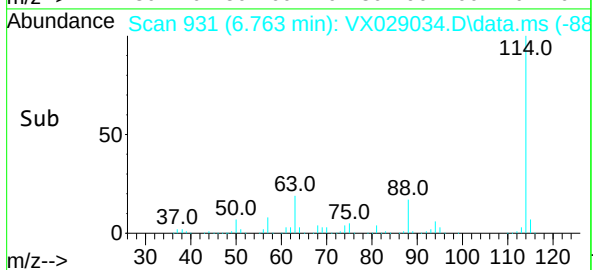
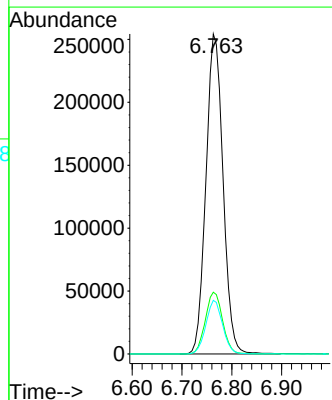
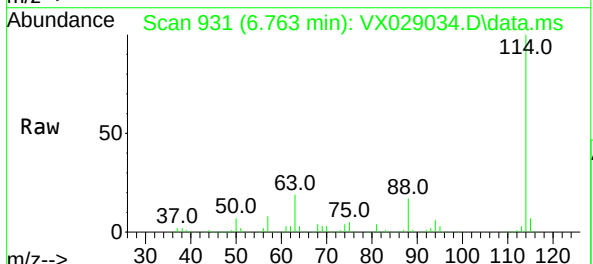
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-45

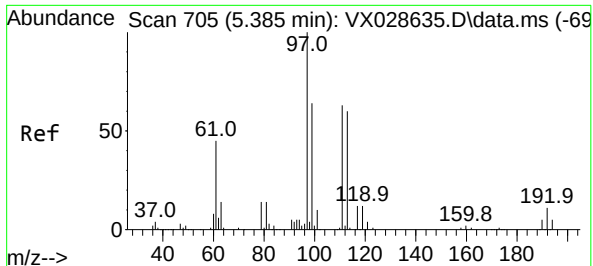
Tgt Ion: 65 Resp: 223083
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029034.D
 Acq: 27 May 2022 19:07

Tgt Ion: 114 Resp: 605637
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.8
 88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.269 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029034.D

Acq: 27 May 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

MW-45

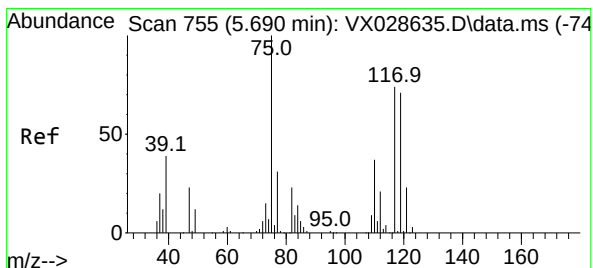
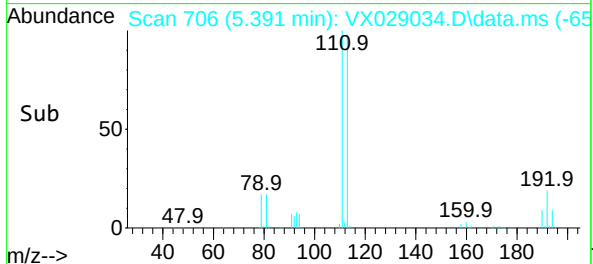
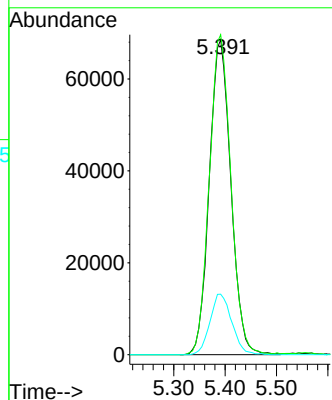
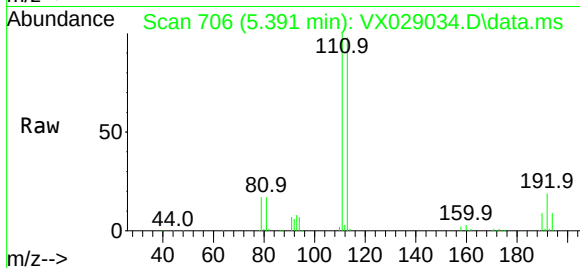
Tgt Ion:113 Resp: 199470

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 19.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.105 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX029034.D

Acq: 27 May 2022 19:07

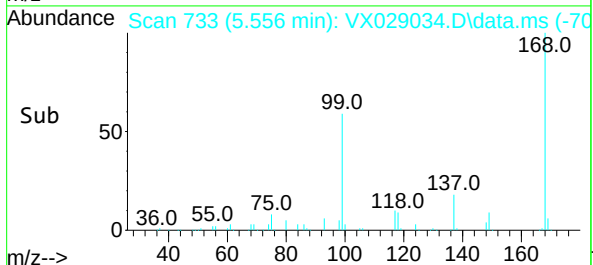
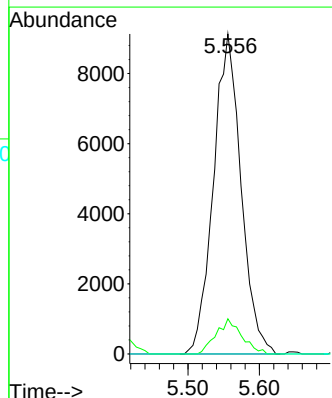
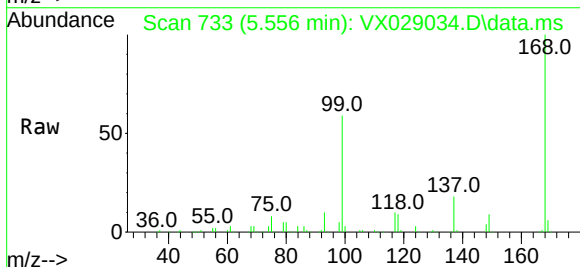
Tgt Ion: 75 Resp: 24466

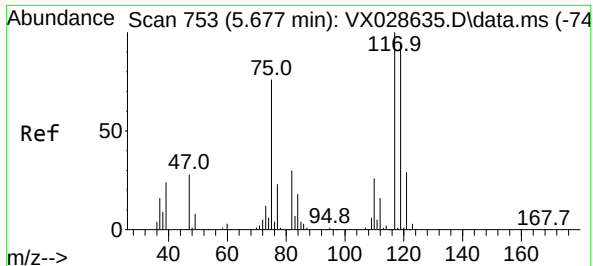
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

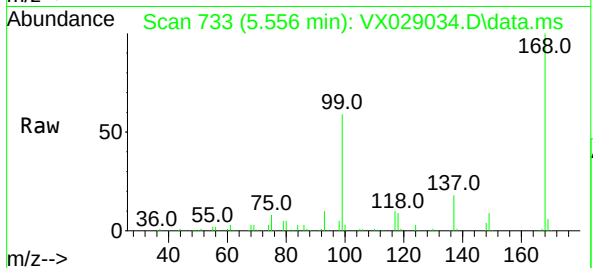
77 0.0 24.8 37.2#



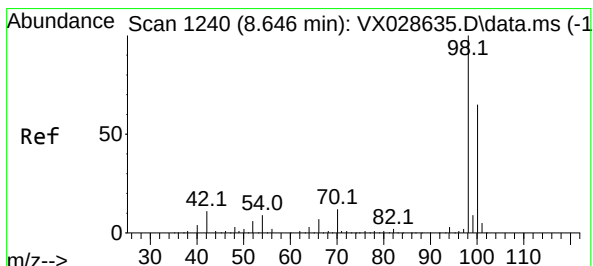
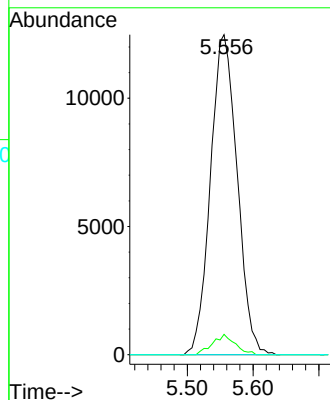
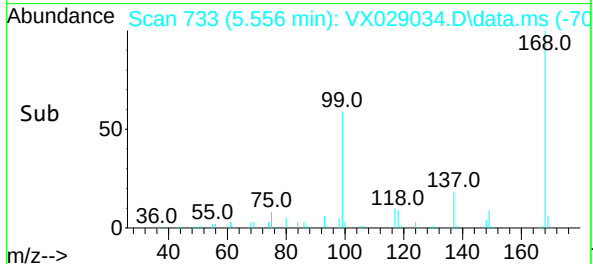


#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

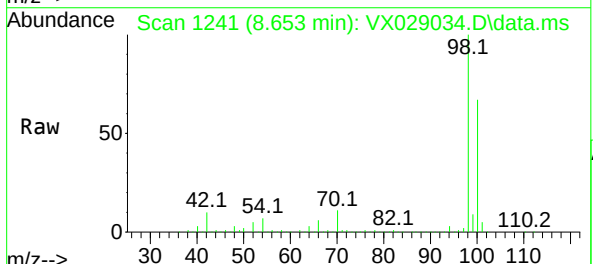
Instrument :
MSVOA_X
ClientSampleId :
MW-45



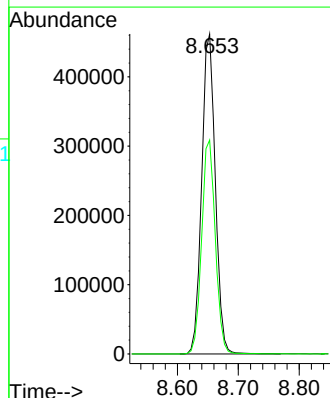
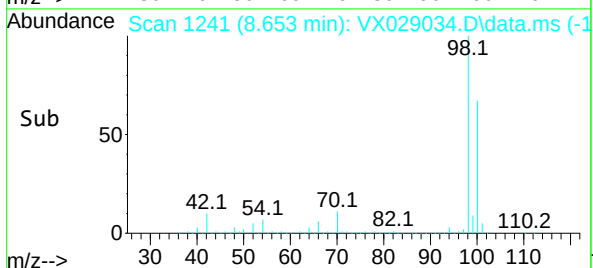
Tgt Ion:117 Resp: 35297
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.2 36.2#

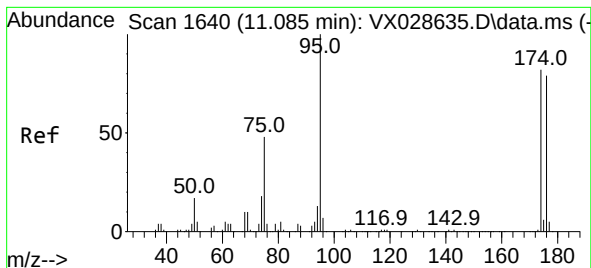


#50
Toluene-d8
Concen: 47.956 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07



Tgt Ion: 98 Resp: 717439
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

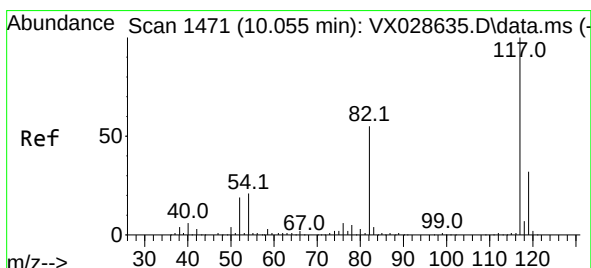
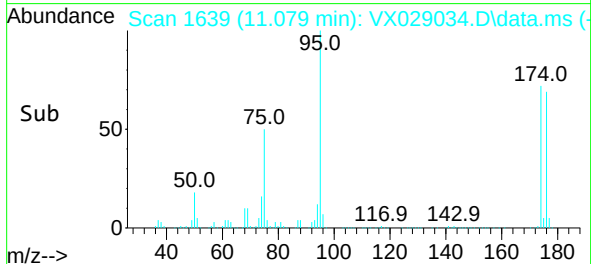
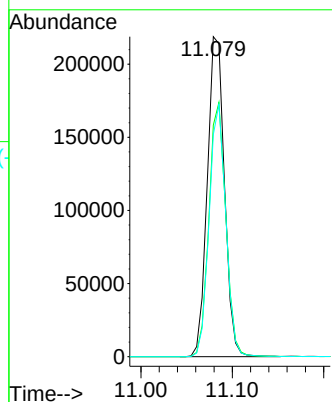
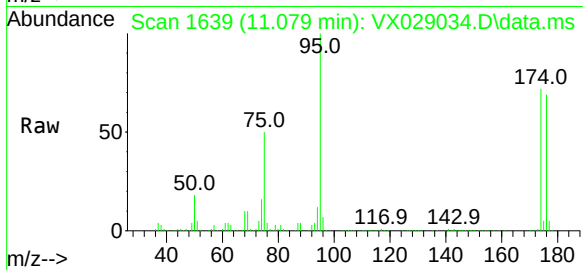




#62
4-Bromofluorobenzene
Concen: 50.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

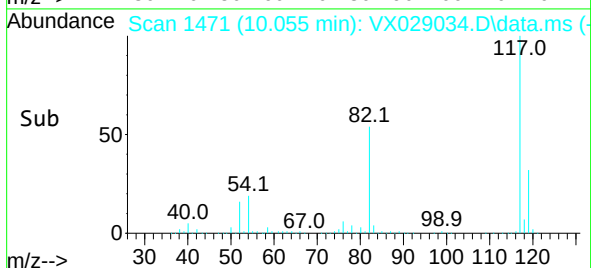
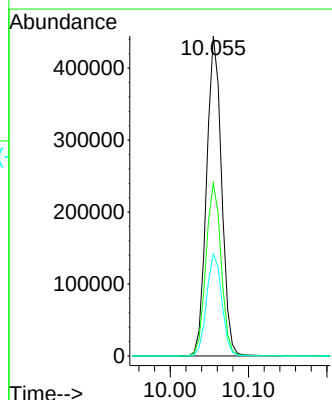
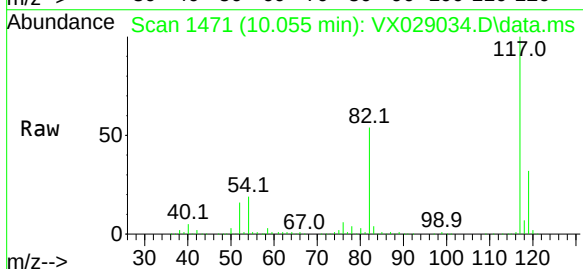
Instrument :
MSVOA_X
ClientSampleId :
MW-45

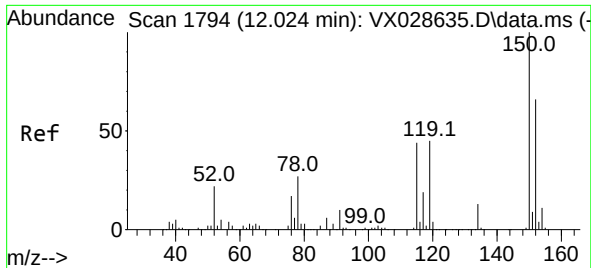
Tgt Ion: 95 Resp: 284882
Ion Ratio Lower Upper
95 100
174 78.2 0.0 163.0
176 76.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029034.D
Acq: 27 May 2022 19:07

Tgt Ion: 117 Resp: 589888
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 31.9 24.8 37.2

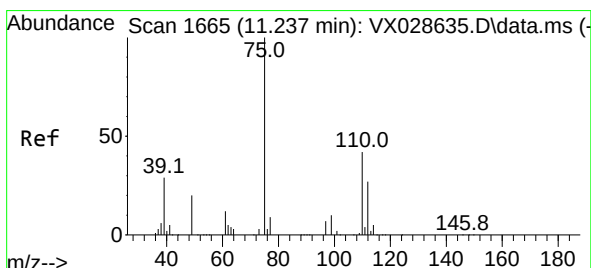
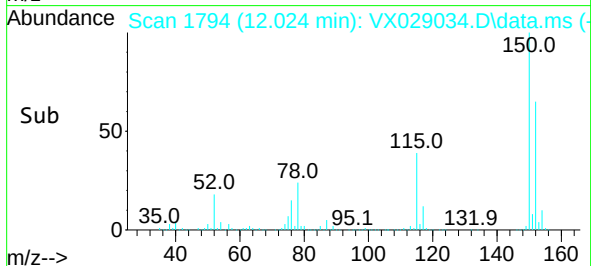
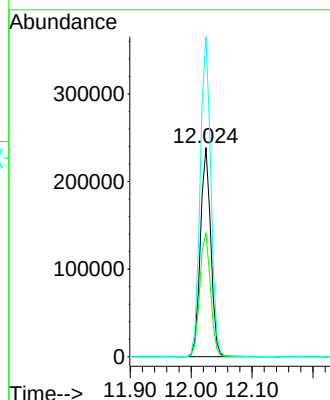
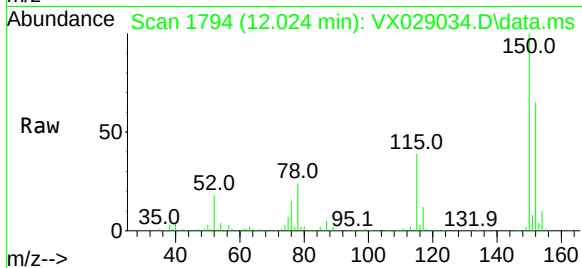




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029034.D
 Acq: 27 May 2022 19:07

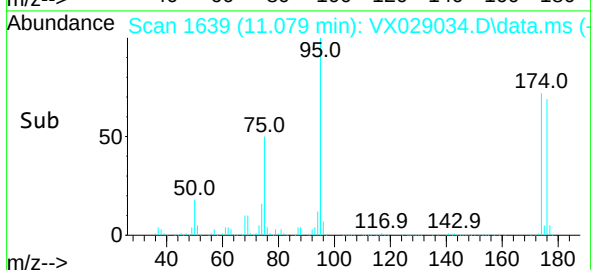
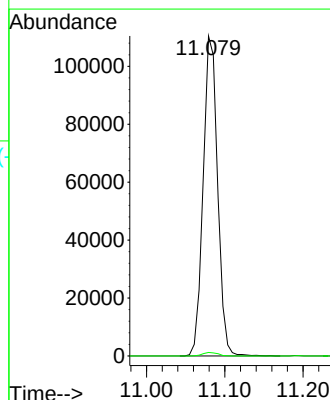
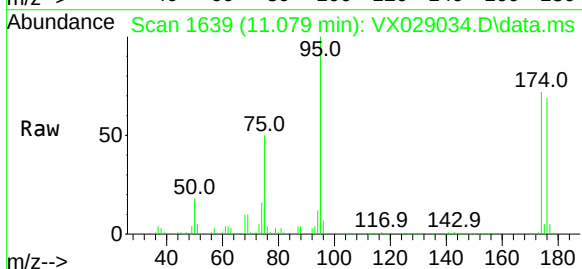
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-45

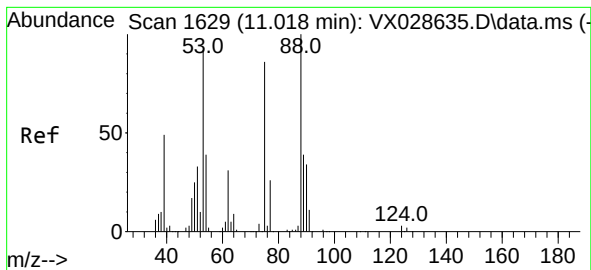
Tgt Ion:152 Resp: 282716
 Ion Ratio Lower Upper
 152 100
 115 60.9 37.5 112.7
 150 156.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.336 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX029034.D
 Acq: 27 May 2022 19:07

Tgt Ion: 75 Resp: 141265
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.594 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029034.D
 Acq: 27 May 2022 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-45

Tgt Ion: 75 Resp: 141265
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

