

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034674.D
 Acq On : 22 Mar 2023 15:59
 Operator : JC/MD
 Sample : 02039-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Mar 23 07:54:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

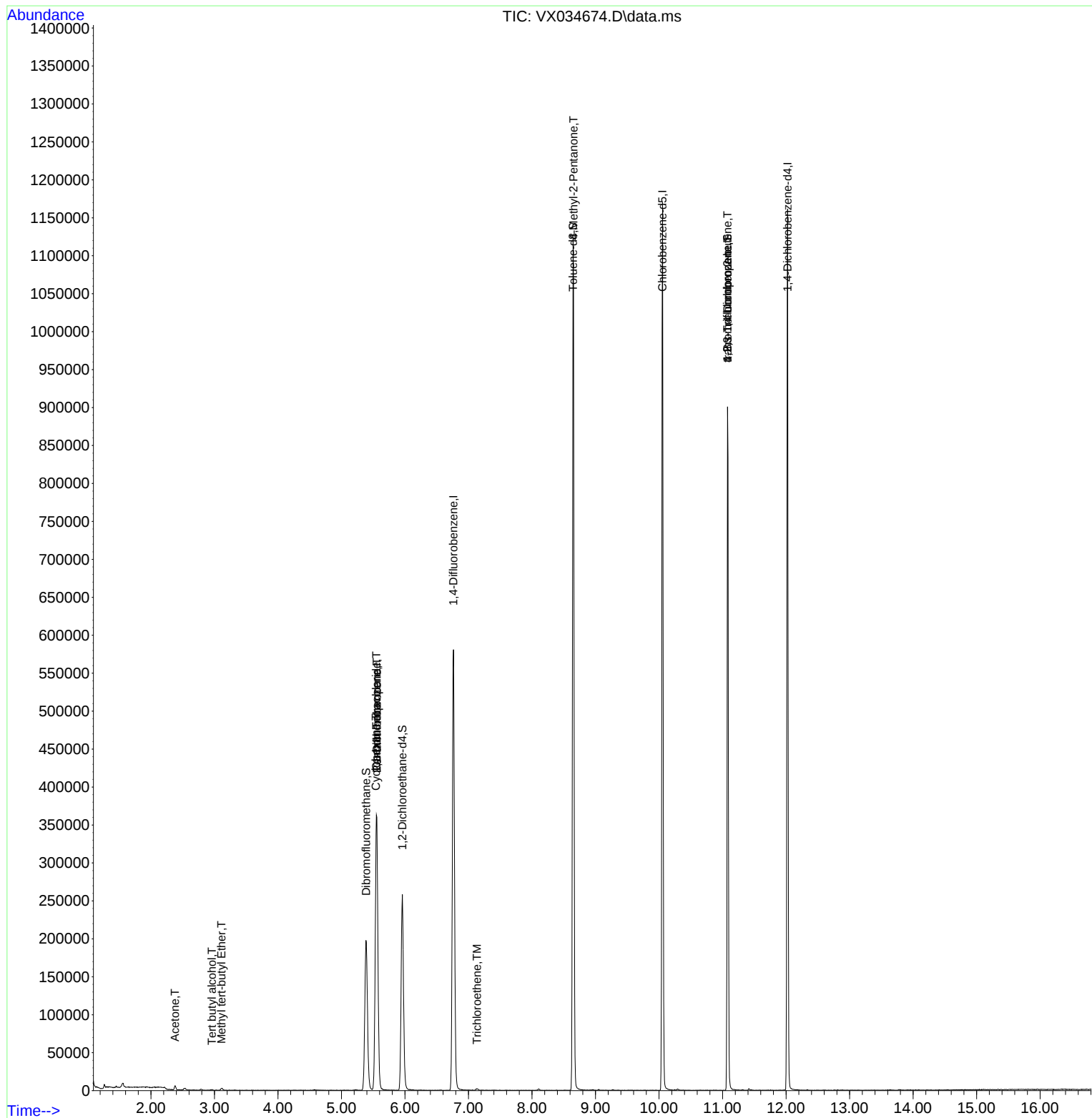
Internal Standards						
1) Pentafluorobenzene	5.556	168	331289	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	564414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	492104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	252788	52.450	ug/l	0.01
Spiked Amount	50.000	Range 78 - 117	Recovery	=	104.900%	
35) Dibromofluoromethane	5.385	113	173596	46.584	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.160%	
50) Toluene-d8	8.647	98	653253	46.958	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	93.920%	
62) 4-Bromofluorobenzene	11.079	95	250323	44.548	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	417	Below Cal	#	82
11) Tert butyl alcohol	2.959	59	624	0.622	ug/l #	73
16) Acetone	2.379	43	6080	2.678	ug/l	89
19) Methyl tert-butyl Ether	3.111	73	2707	0.208	ug/l	99
31) Cyclohexane	5.544	56	7859	1.163	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	28160	4.920	ug/l #	51
38) Carbon Tetrachloride	5.550	117	36589	6.426	ug/l #	17
44) Trichloroethene	7.135	130	916	0.211	ug/l	85
51) 4-Methyl-2-Pentanone	8.653	43	3180	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	131507	25.102	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	131507	67.907	ug/l #	8

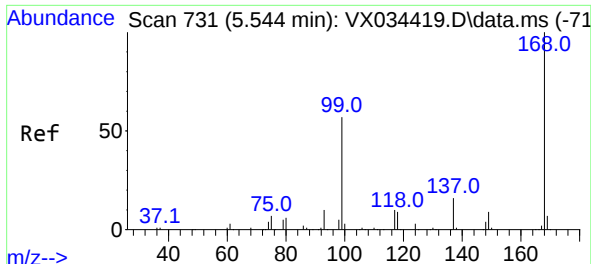
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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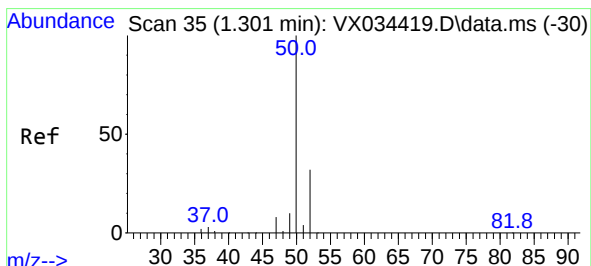
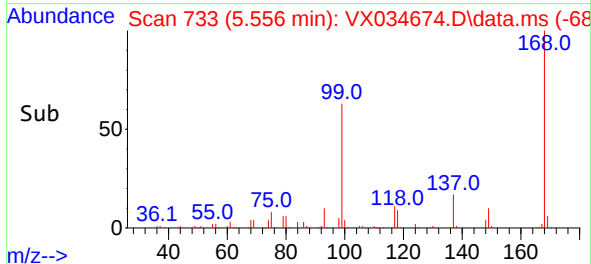
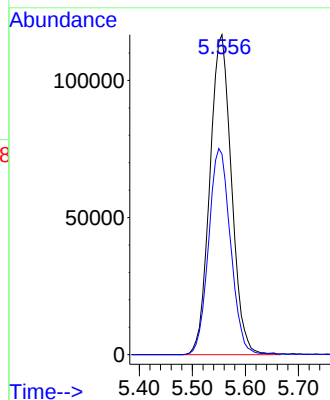
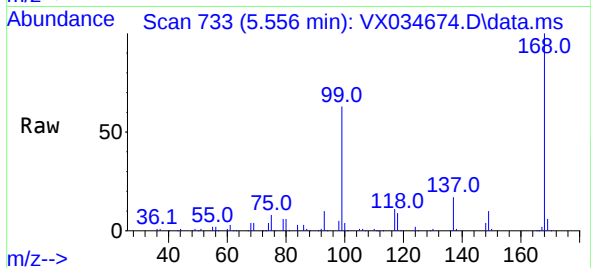




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

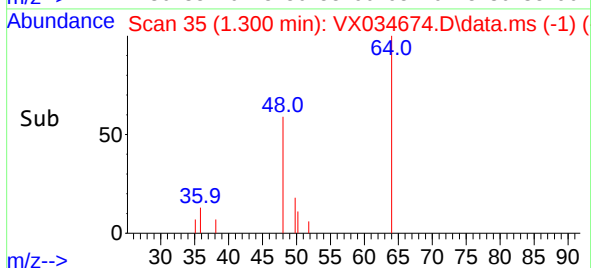
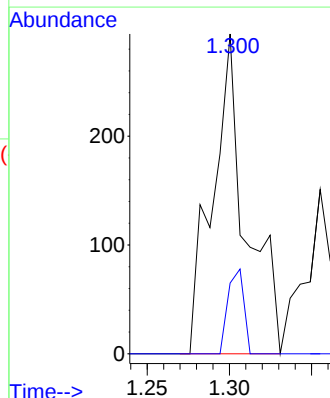
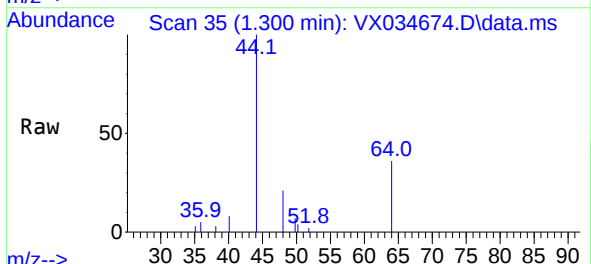
Instrument :
MSVOA_X
ClientSampleId :
MW-1

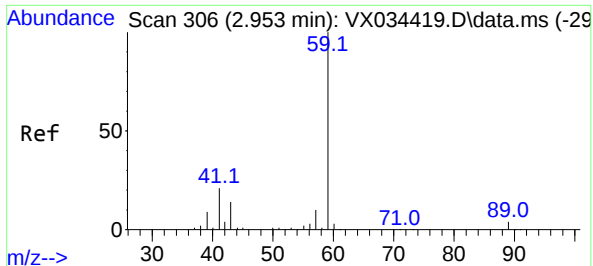
Tgt Ion:168 Resp: 331289
Ion Ratio Lower Upper
168 100
99 62.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 22.1 25.9 38.9#

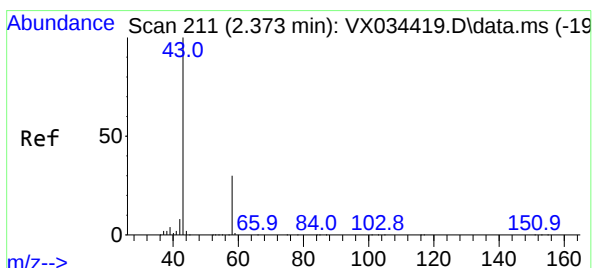
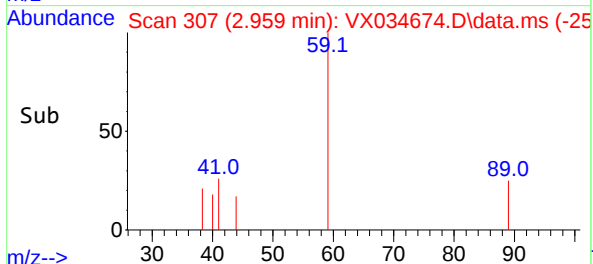
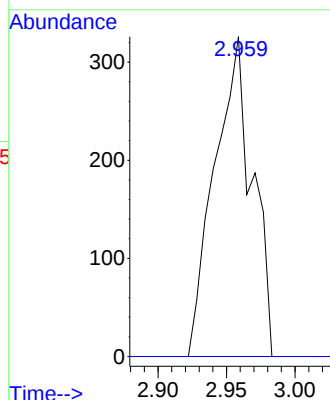
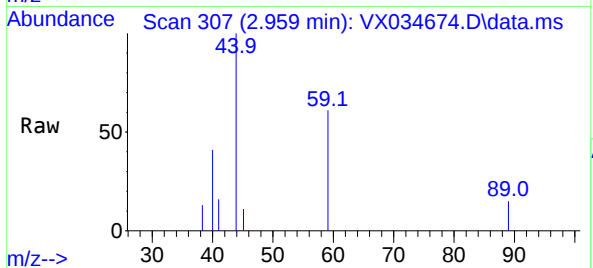




#11
Tert butyl alcohol
Concen: 0.622 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

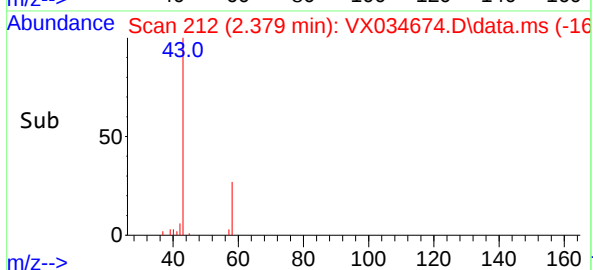
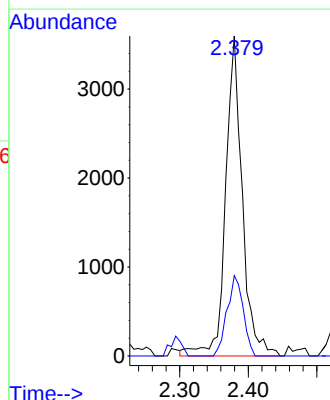
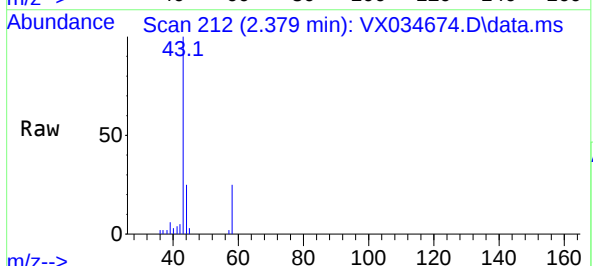
Instrument :
MSVOA_X
ClientSampleId :
MW-1

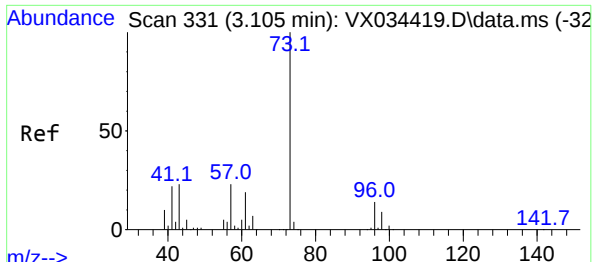
Tgt Ion: 59 Resp: 624
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 2.678 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Tgt Ion: 43 Resp: 6080
Ion Ratio Lower Upper
43 100
58 25.1 24.7 37.1

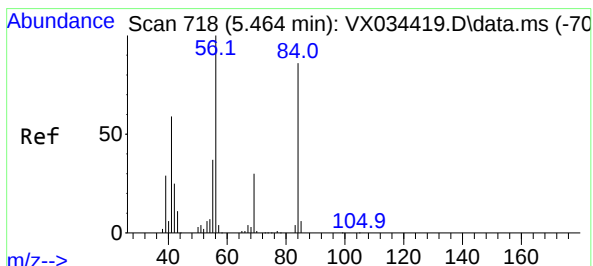
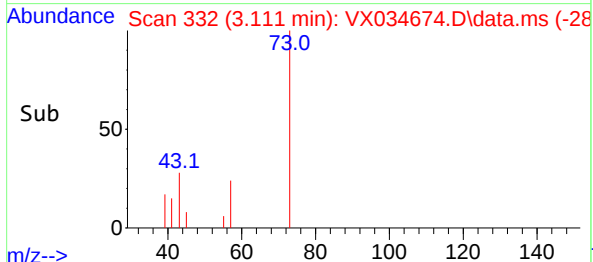
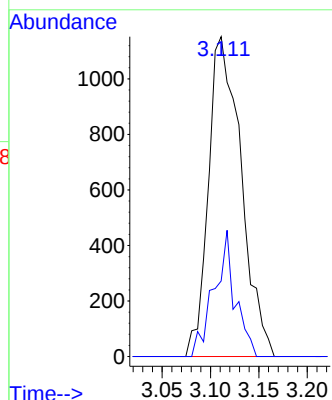
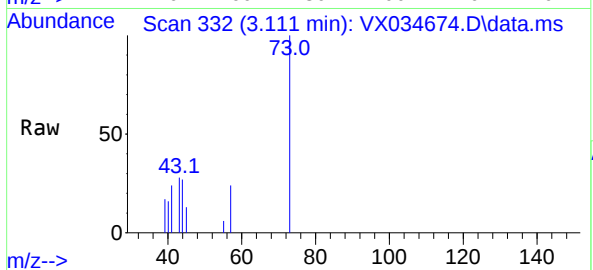




#19
Methyl tert-butyl Ether
Concen: 0.208 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

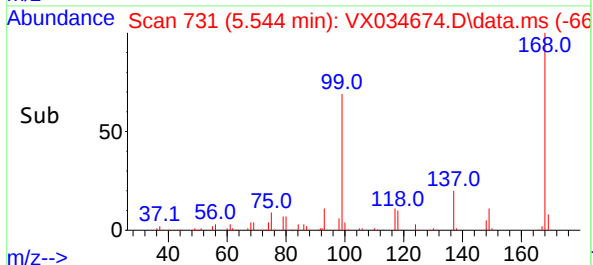
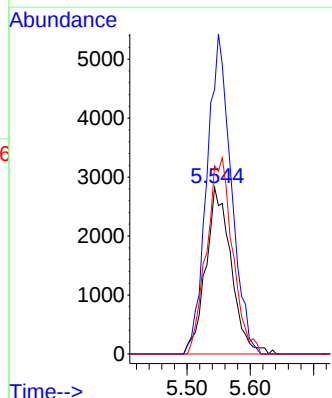
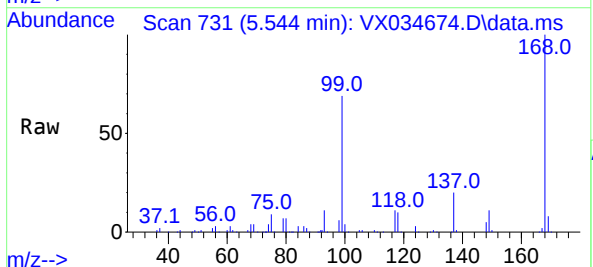
Instrument :
MSVOA_X
ClientSampleId :
MW-1

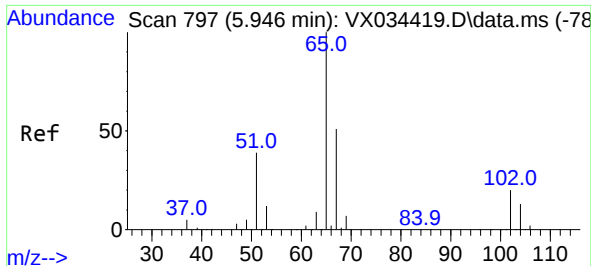
Tgt Ion: 73 Resp: 2707
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Tgt Ion: 56 Resp: 7859
Ion Ratio Lower Upper
56 100
69 158.9 23.7 35.5#
84 113.0 68.5 102.7#

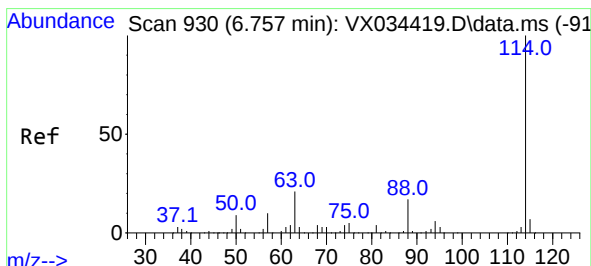
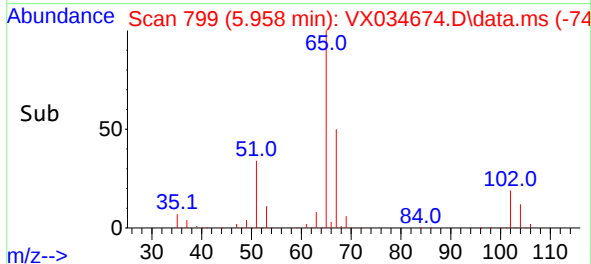
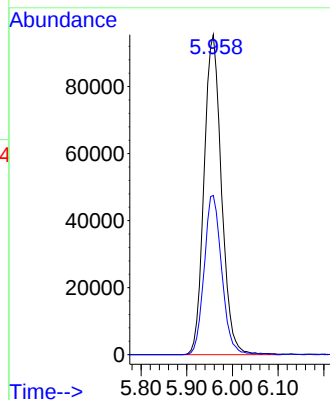
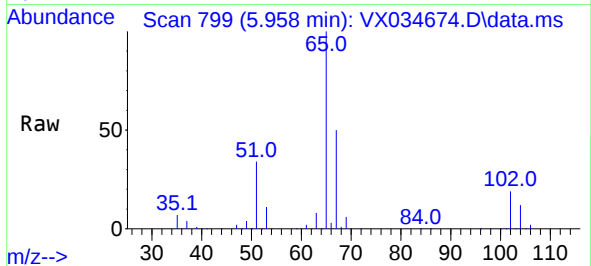




#33
 1,2-Dichloroethane-d4
 Concen: 52.450 ug/l
 RT: 5.958 min Scan# 797
 Delta R.T. 0.012 min
 Lab File: VX034674.D
 Acq: 22 Mar 2023 15:59

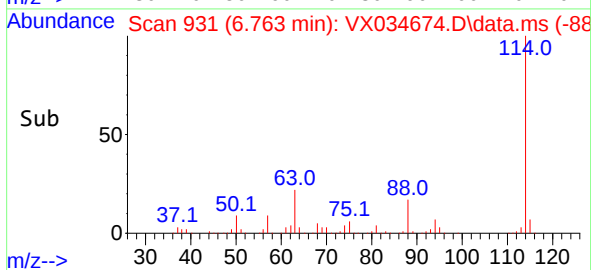
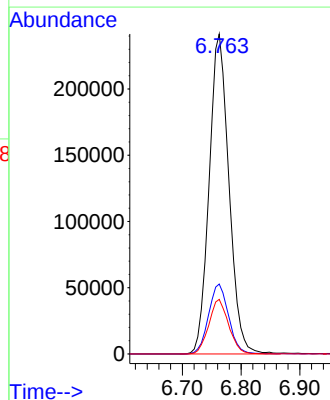
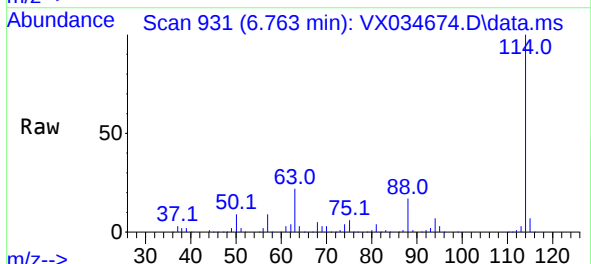
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

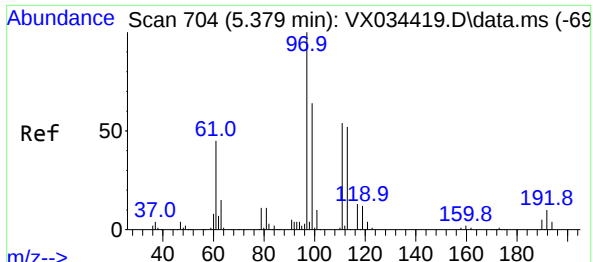
Tgt Ion: 65 Resp: 252788
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034674.D
 Acq: 22 Mar 2023 15:59

Tgt Ion: 114 Resp: 564414
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.2
 88 17.1 0.0 33.2

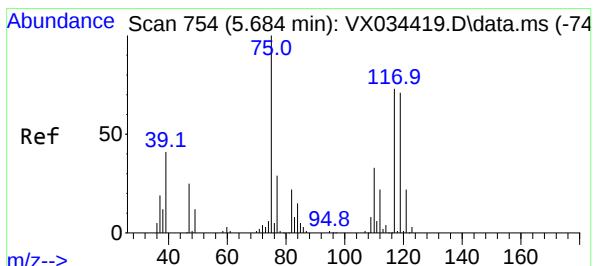
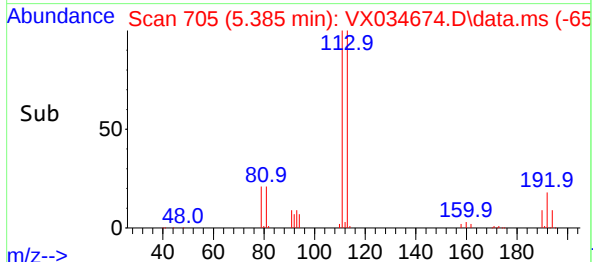
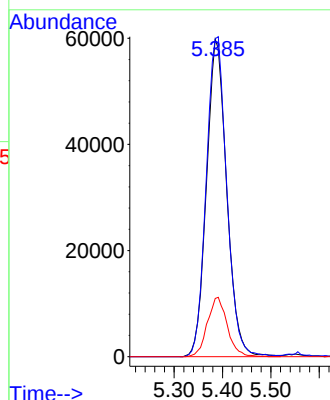
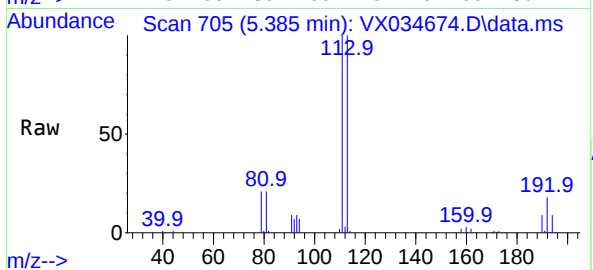




#35
Dibromofluoromethane
Concen: 46.584 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

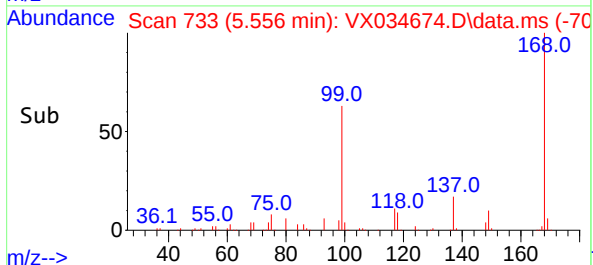
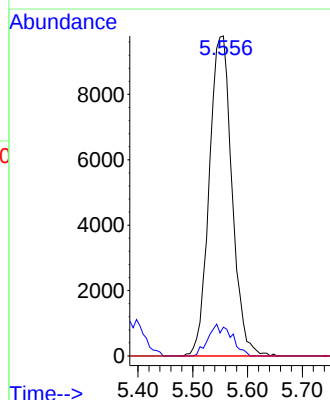
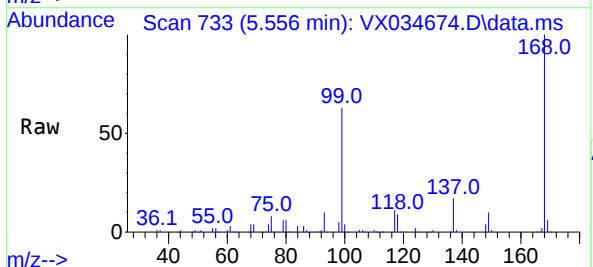
Instrument :
MSVOA_X
ClientSampleId :
MW-1

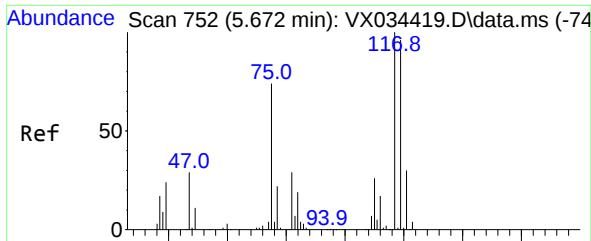
Tgt Ion:113 Resp: 173596
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Tgt Ion: 75 Resp: 28160
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.426 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX034674.D

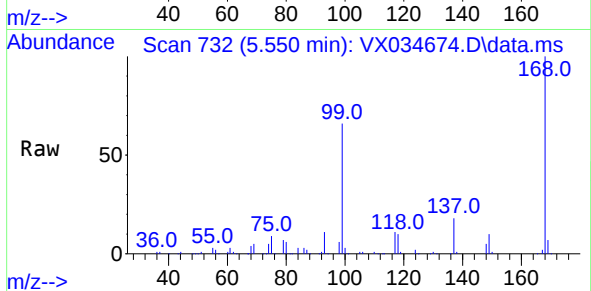
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Instrument :

MSVOA_X

ClientSampleId :

MW-1



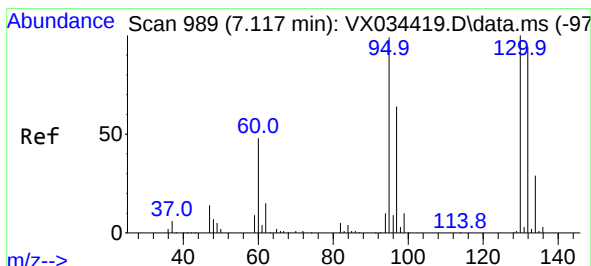
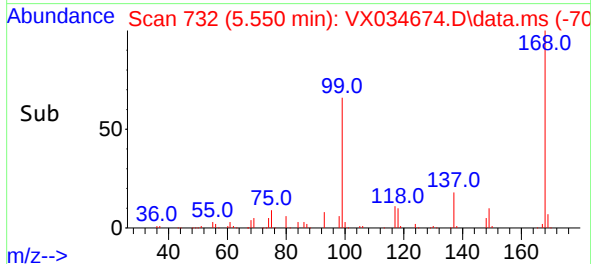
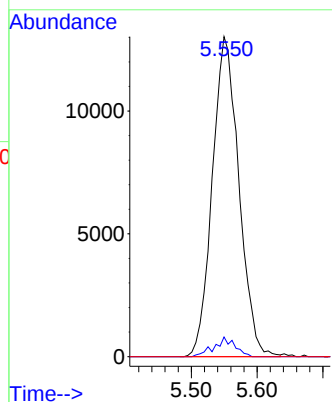
Tgt Ion:117 Resp: 36589

Ion Ratio Lower Upper

117 100

119 6.1 76.6 114.8#

121 0.0 23.8 35.6#



#44

Trichloroethene

Concen: 0.211 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.018 min

Lab File: VX034674.D

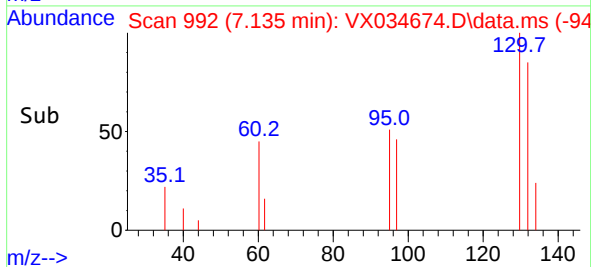
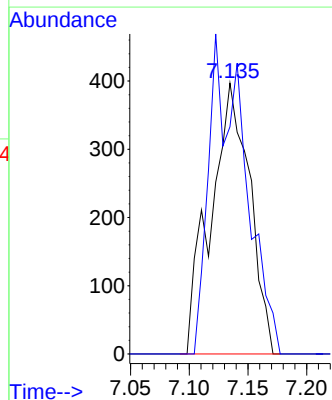
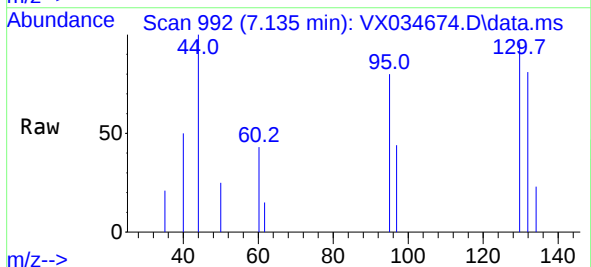
Acq: 22 Mar 2023 15:59

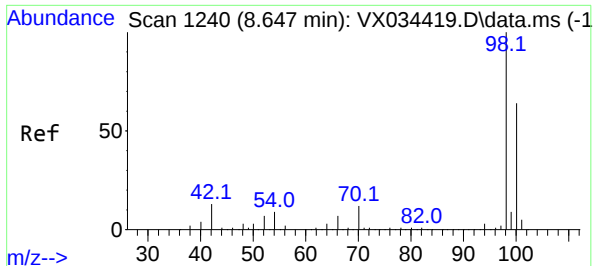
Tgt Ion:130 Resp: 916

Ion Ratio Lower Upper

130 100

95 83.9 0.0 198.4





#50

Toluene-d8

Concen: 46.958 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034674.D

Acq: 22 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

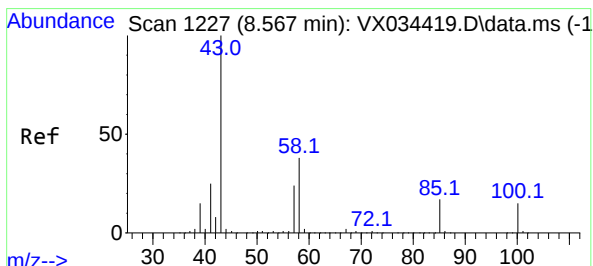
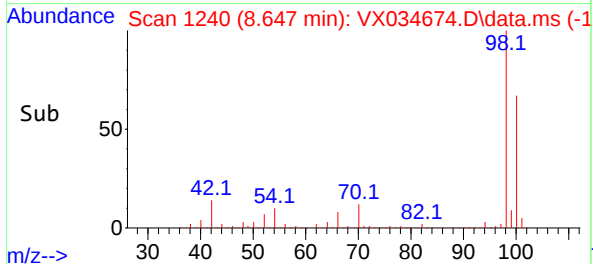
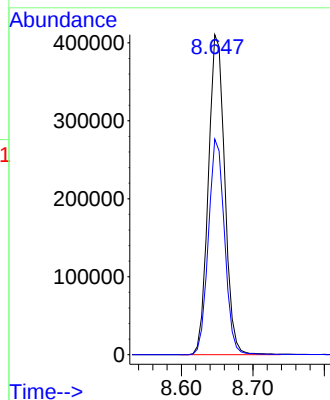
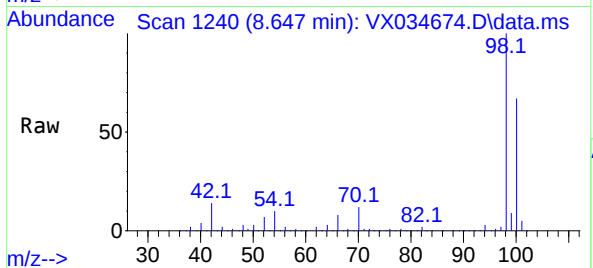
MW-1

Tgt Ion: 98 Resp: 653253

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.085 min

Lab File: VX034674.D

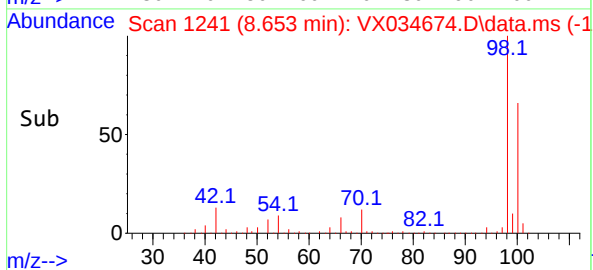
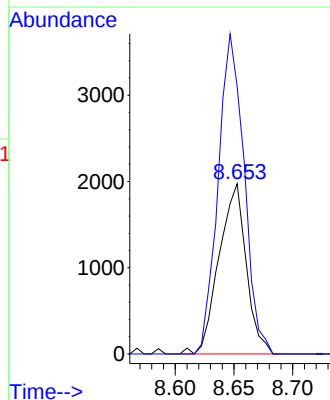
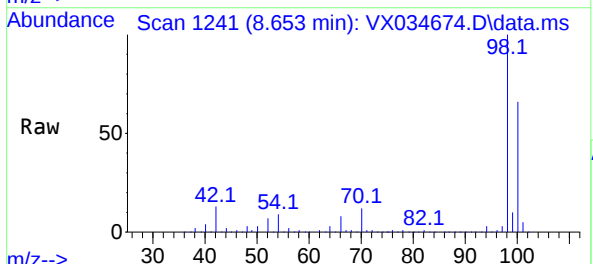
Acq: 22 Mar 2023 15:59

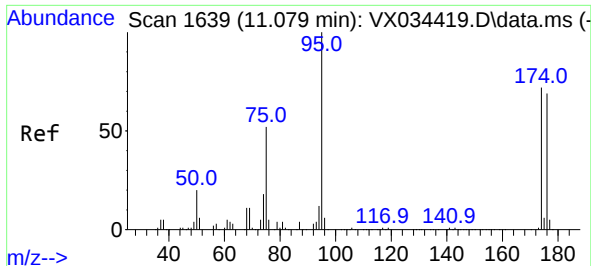
Tgt Ion: 43 Resp: 3180

Ion Ratio Lower Upper

43 100

58 179.8 30.6 46.0#

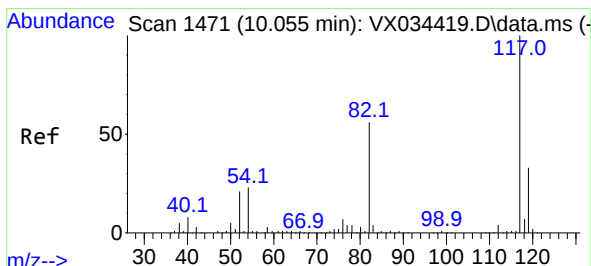
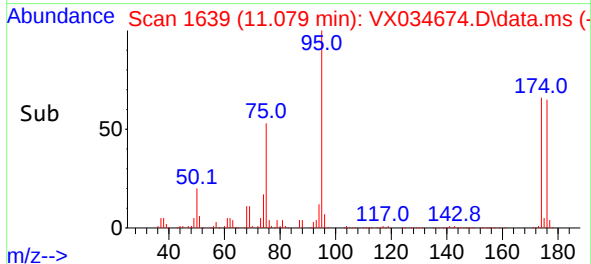
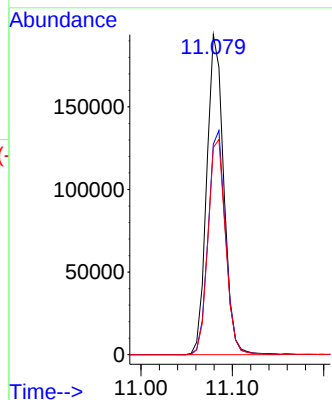
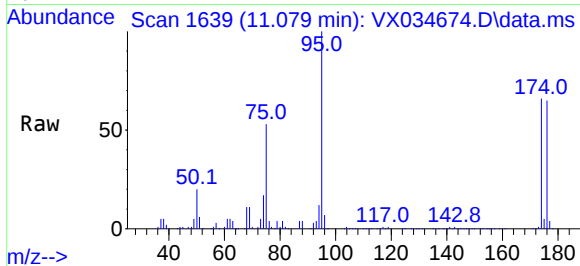




#62
4-Bromofluorobenzene
Concen: 44.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

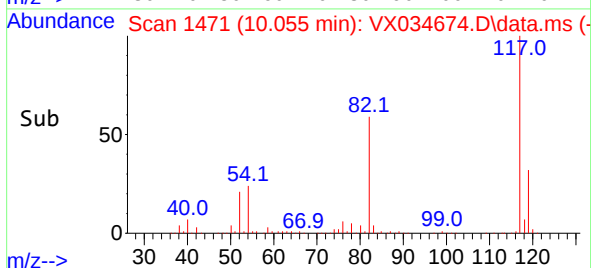
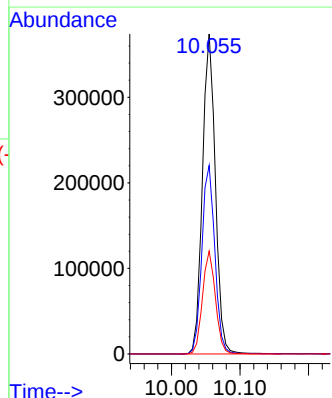
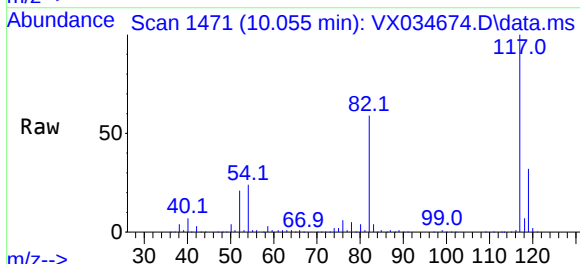
Instrument :
MSVOA_X
ClientSampleId :
MW-1

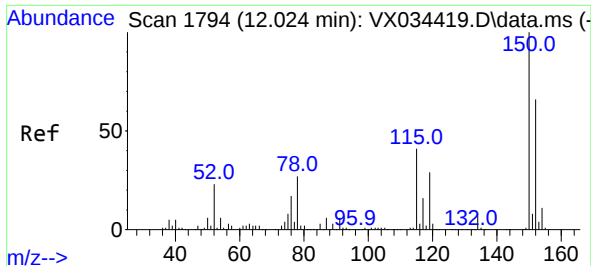
Tgt Ion: 95 Resp: 250323
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Tgt Ion: 117 Resp: 492104
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 32.2 26.0 39.0

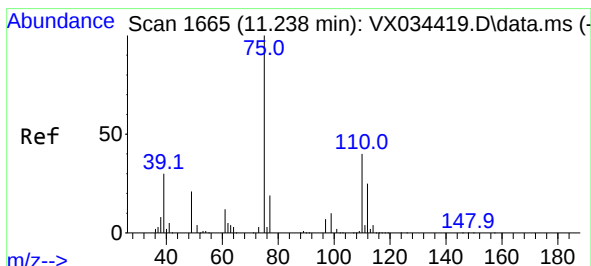
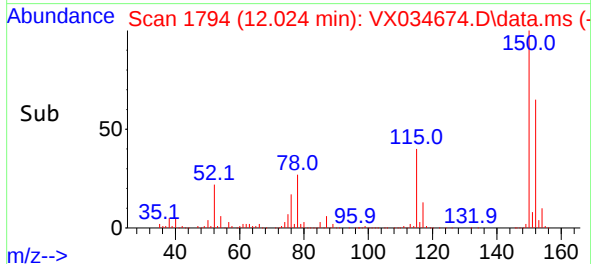
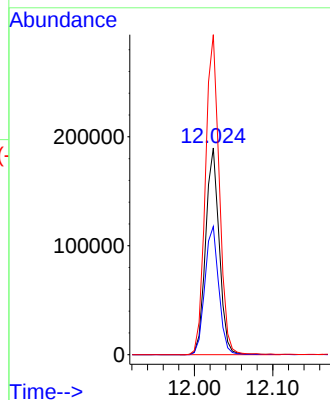
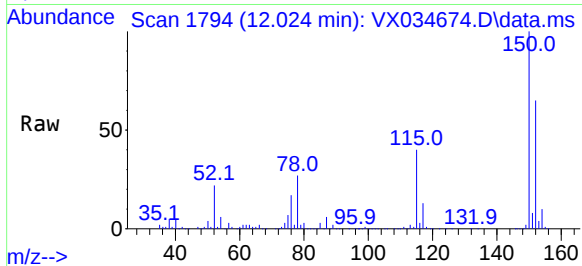




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034674.D
 Acq: 22 Mar 2023 15:59

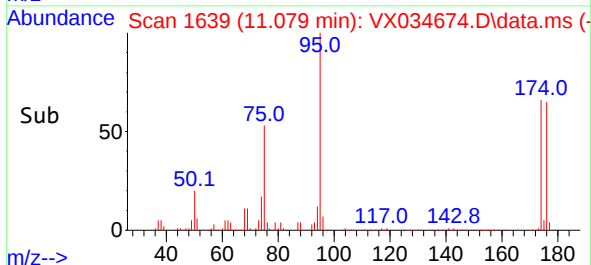
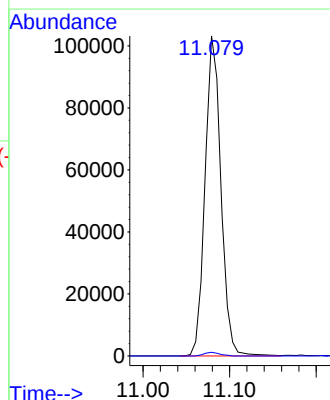
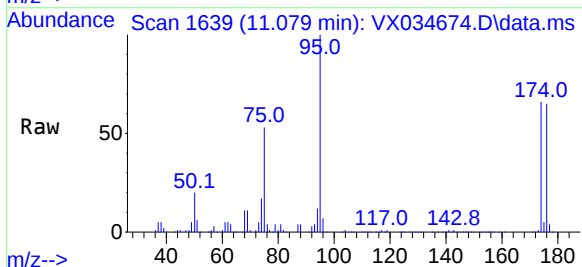
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

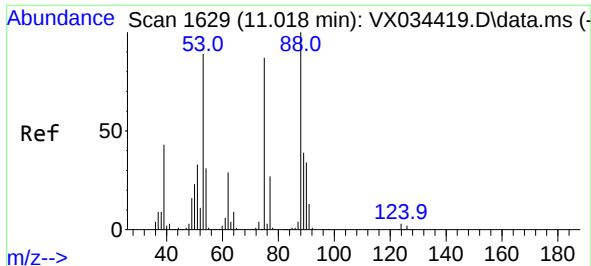
Tgt Ion:152 Resp: 228168
 Ion Ratio Lower Upper
 152 100
 115 63.7 45.0 135.0
 150 158.2 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.102 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034674.D
 Acq: 22 Mar 2023 15:59

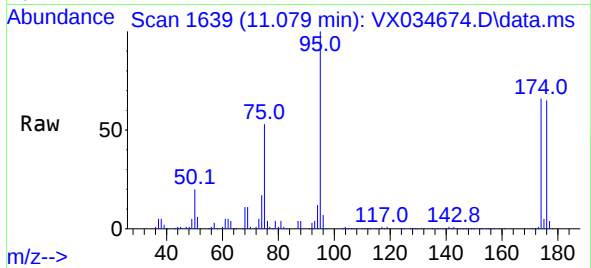
Tgt Ion: 75 Resp: 131507
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.907 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion: 75 Resp: 131507
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

