

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034098.D
 Acq On : 09 Feb 2023 12:04
 Operator : JC/MD
 Sample : 01509-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-020823

Quant Time: Feb 10 01:07:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

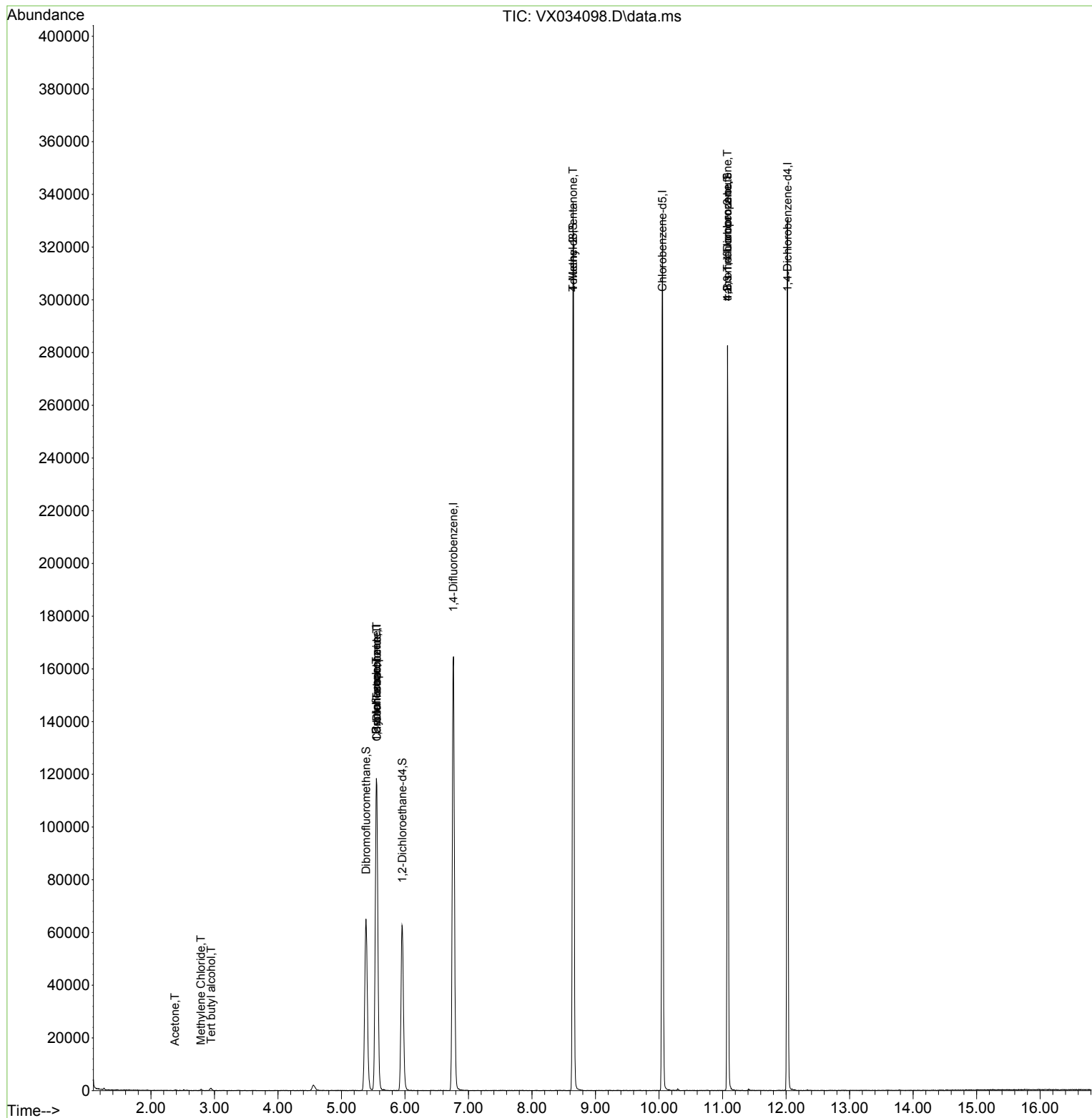
Internal Standards						
1) Pentafluorobenzene	5.550	168	129285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62998	50.545	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.100%
35) Dibromofluoromethane	5.385	113	56681	49.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	8.647	98	205477	49.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.600%
62) 4-Bromofluorobenzene	11.079	95	72449	48.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	672	3.848	ug/l #	86
16) Acetone	2.380	43	272	0.517	ug/l #	47
20) Methylene Chloride	2.788	84	270	0.224	ug/l #	69
31) Cyclohexane	5.550	56	1885	1.039	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7456	4.701	ug/l #	48
38) Carbon Tetrachloride	5.556	117	10978	6.490	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	749	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33973	25.041	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33973	77.119	ug/l #	8

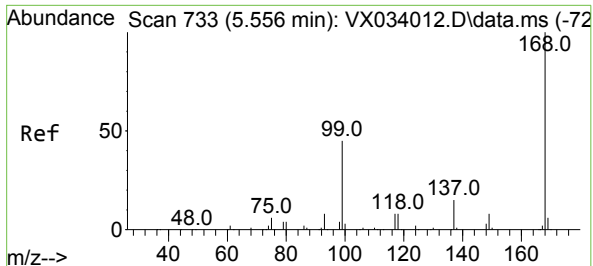
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

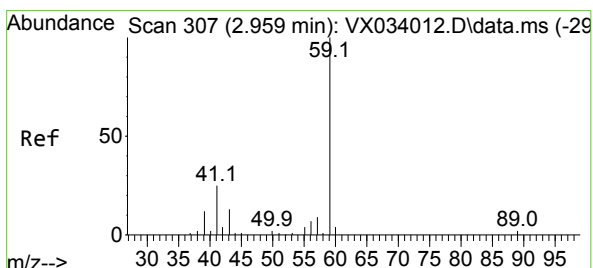
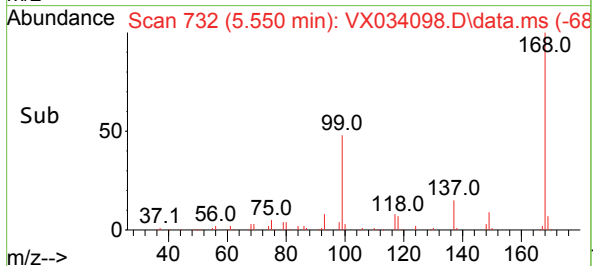
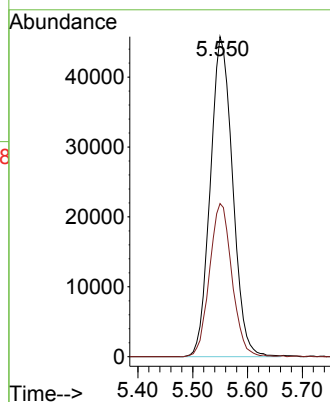
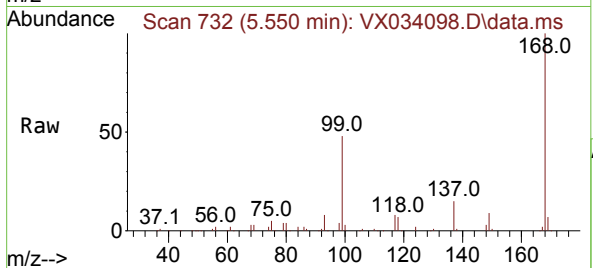




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

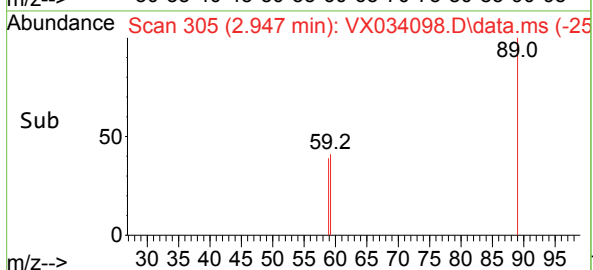
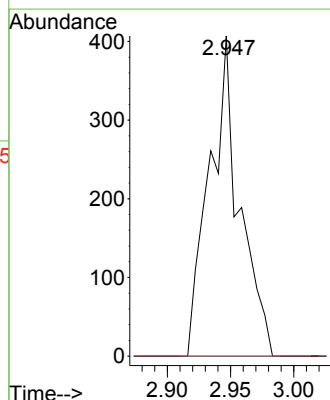
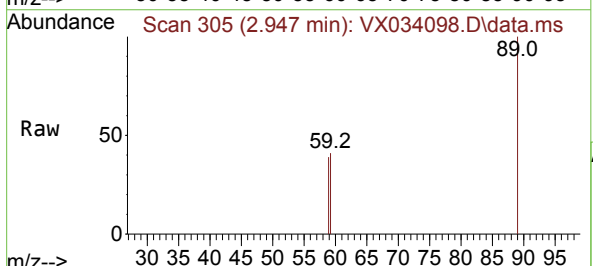
Instrument :
MSVOA_X
ClientSampleId :
TB-01-020823

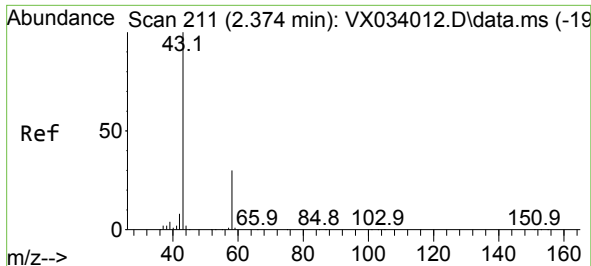
Tgt Ion:168 Resp: 129285
Ion Ratio Lower Upper
168 100
99 47.9 39.6 59.4



#11
Tert butyl alcohol
Concen: 3.848 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

Tgt Ion: 59 Resp: 672
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#





#16

Acetone

Concen: 0.517 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX034098.D

Acq: 09 Feb 2023 12:04

Instrument :

MSVOA_X

ClientSampleId :

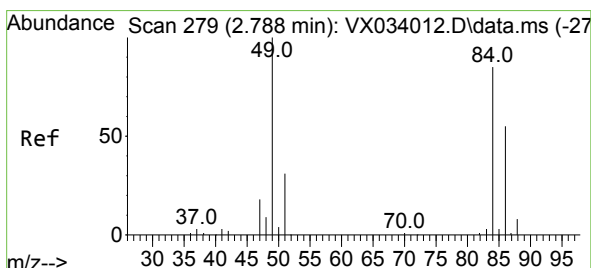
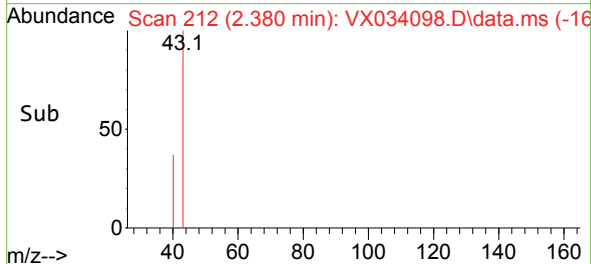
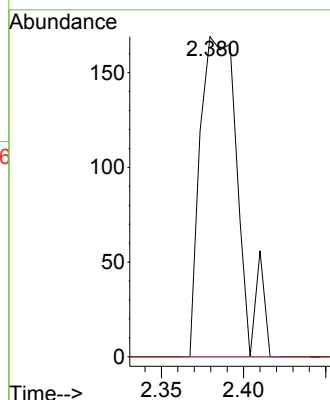
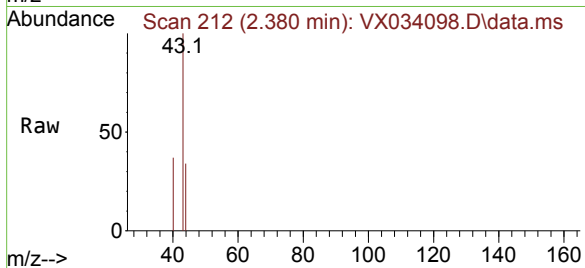
TB-01-020823

Tgt Ion: 43 Resp: 272

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



#20

Methylene Chloride

Concen: 0.224 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034098.D

Acq: 09 Feb 2023 12:04

Tgt Ion: 84 Resp: 270

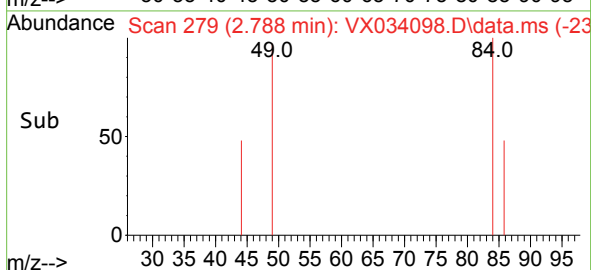
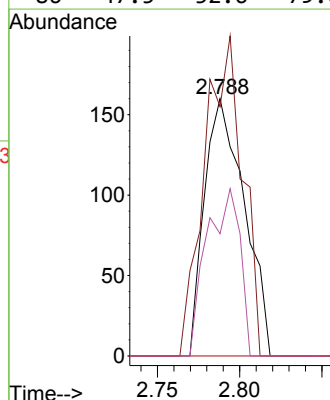
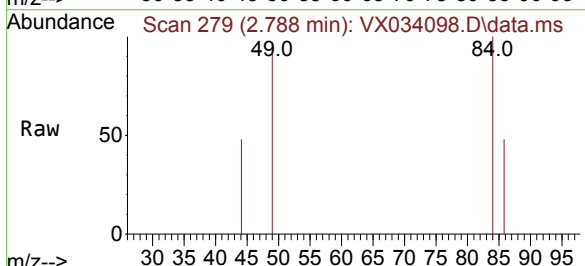
Ion Ratio Lower Upper

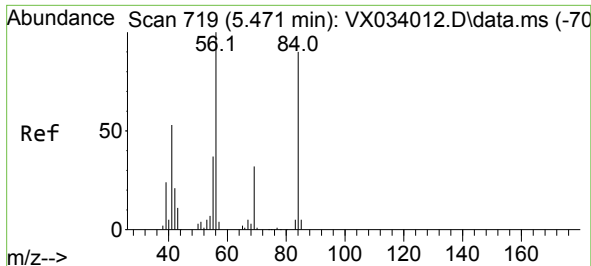
84 100

49 96.9 101.1 151.7#

51 0.0 31.0 46.6#

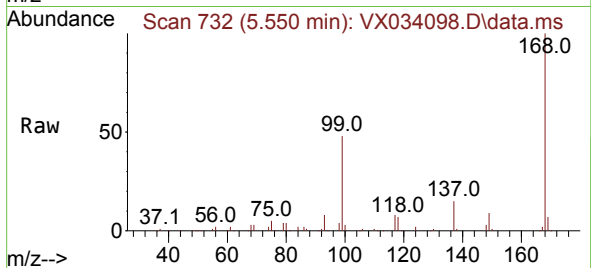
86 47.5 52.6 79.0#



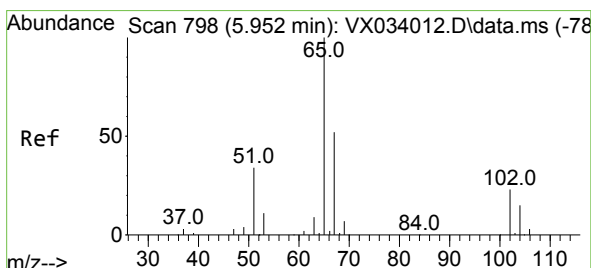
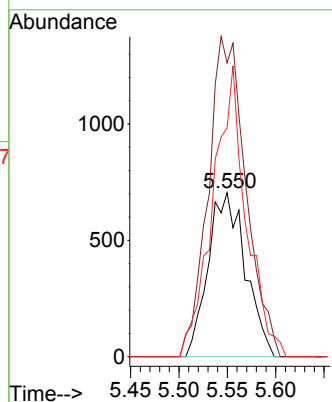
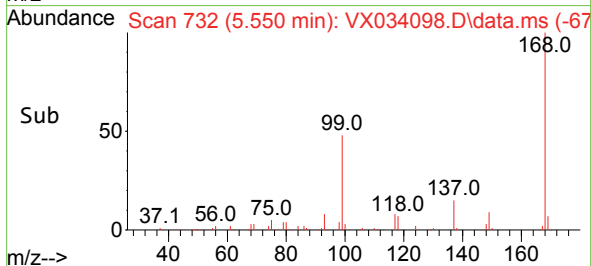


#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

Instrument :
MSVOA_X
ClientSampleId :
TB-01-020823

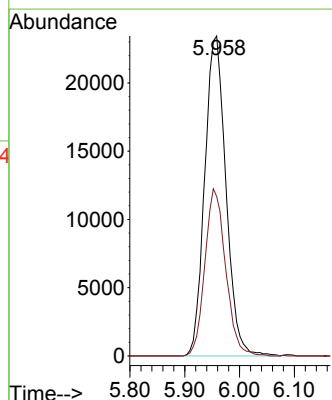
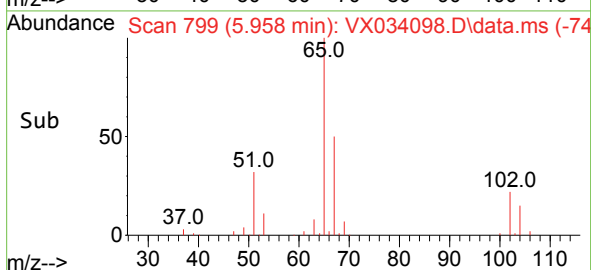
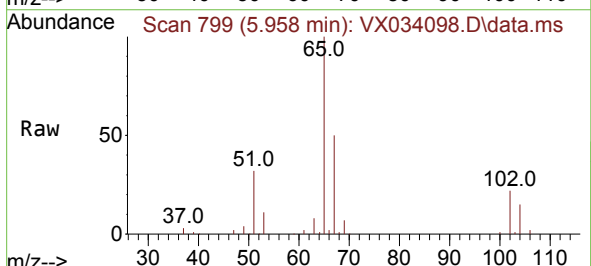


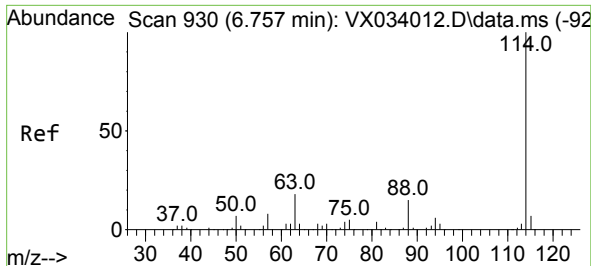
Tgt Ion: 56 Resp: 1885
Ion Ratio Lower Upper
56 100
69 179.4 24.6 37.0#
84 139.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.545 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

Tgt Ion: 65 Resp: 62998
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

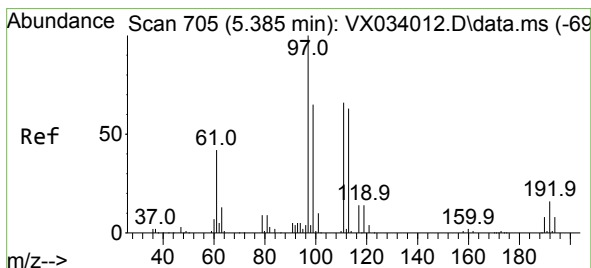
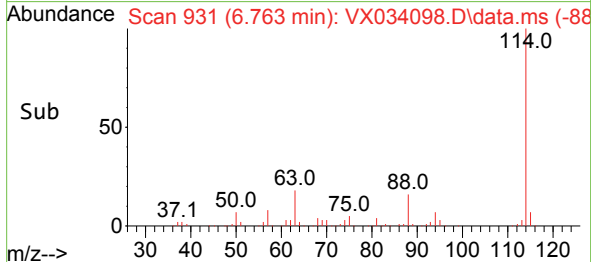
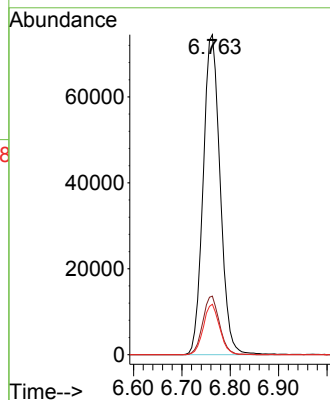
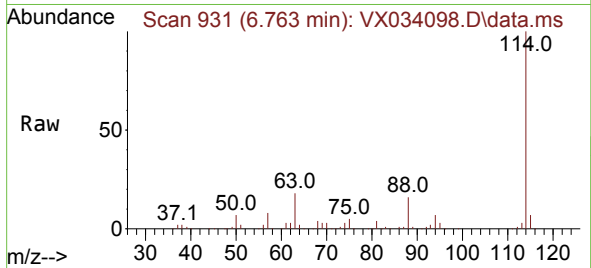




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

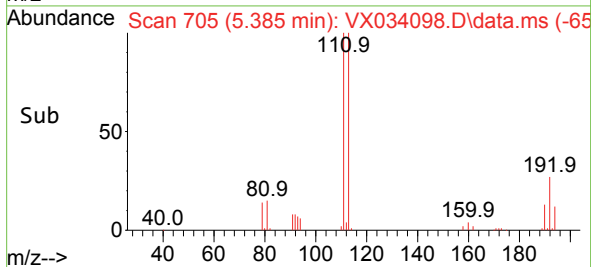
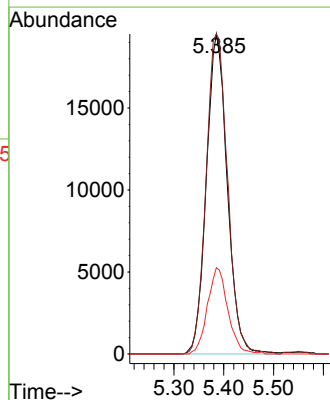
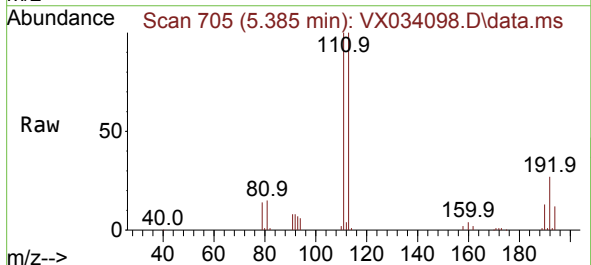
Instrument :
MSVOA_X
ClientSampleId :
TB-01-020823

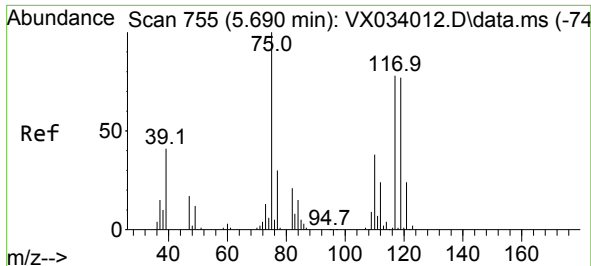
Tgt Ion:114 Resp: 181756
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.000 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

Tgt Ion:113 Resp: 56681
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 26.4 19.0 28.4

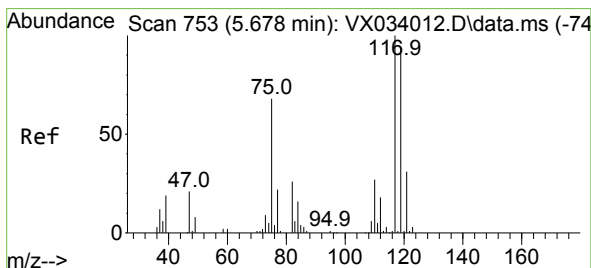
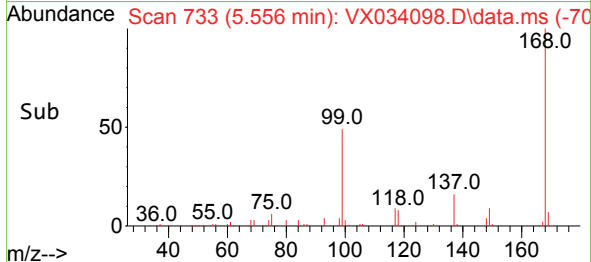
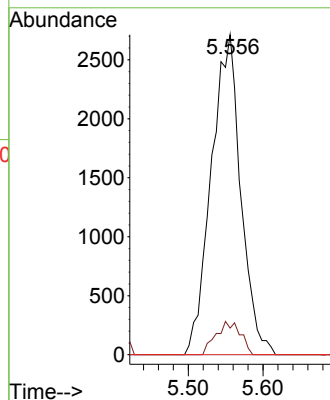
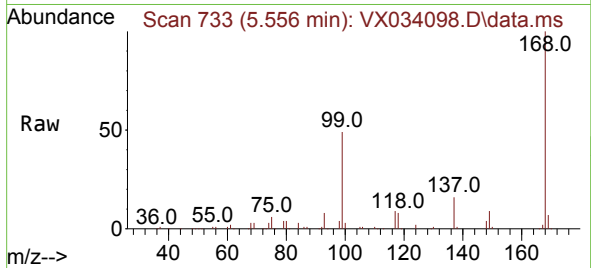




#36
1,1-Dichloropropene
Concen: 4.701 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

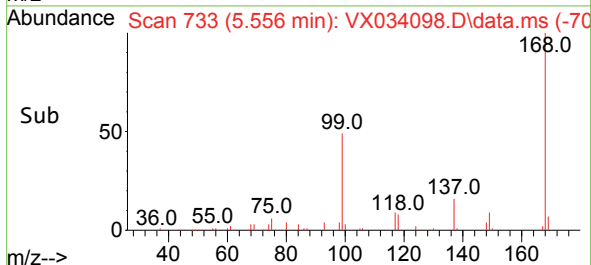
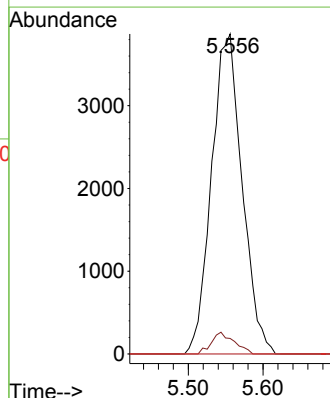
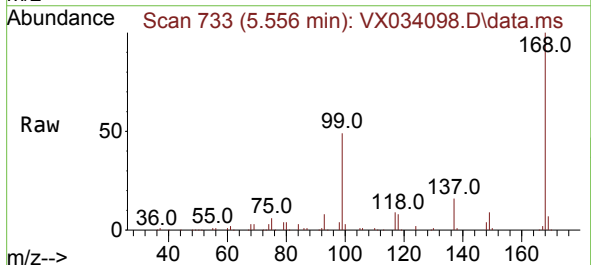
Instrument :
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ClientSampleId :
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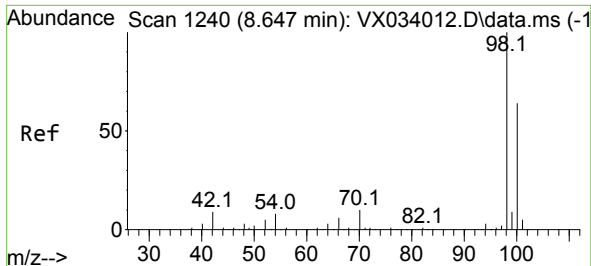
Tgt Ion: 75 Resp: 7456
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

Tgt Ion: 117 Resp: 10978
Ion Ratio Lower Upper
117 100
119 4.9 78.0 117.0#
121 0.0 24.4 36.6#

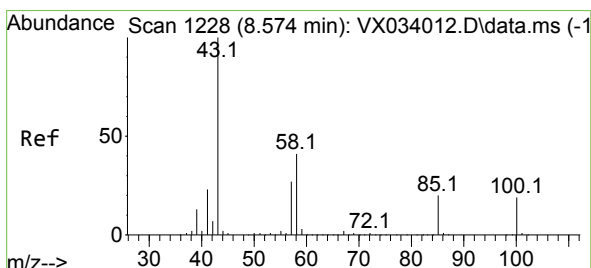
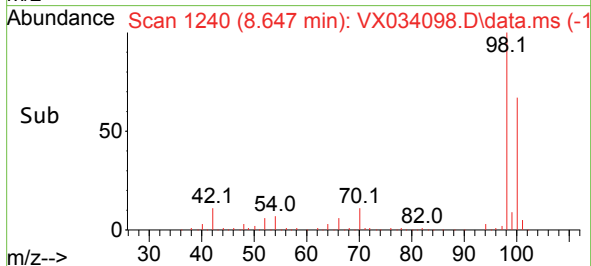
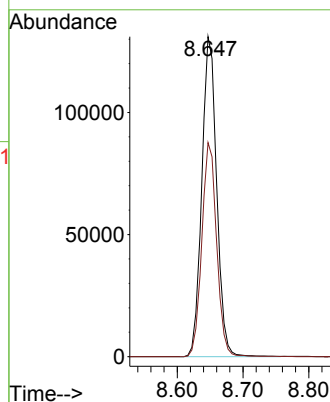
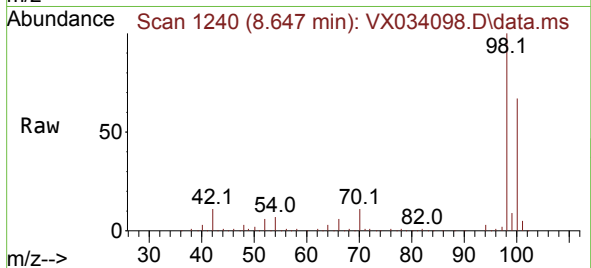




#50
Toluene-d8
Concen: 49.302 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

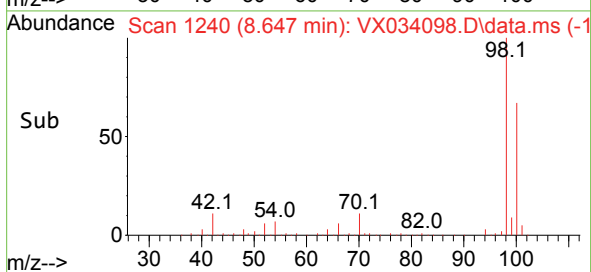
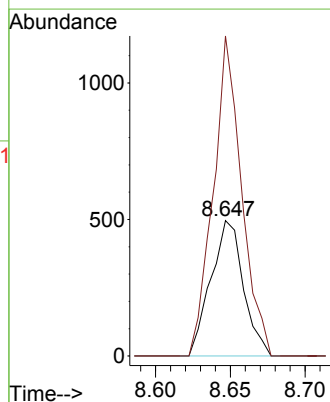
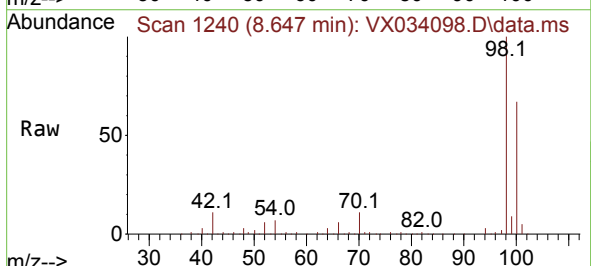
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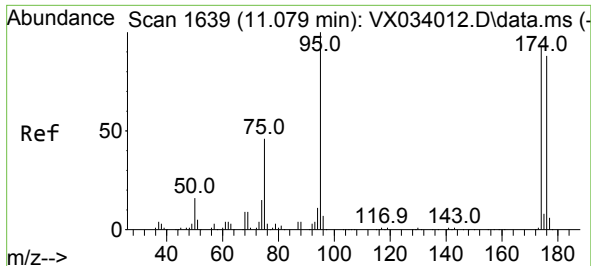
Tgt Ion: 98 Resp: 205477
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
58 206.4 31.2 46.8#

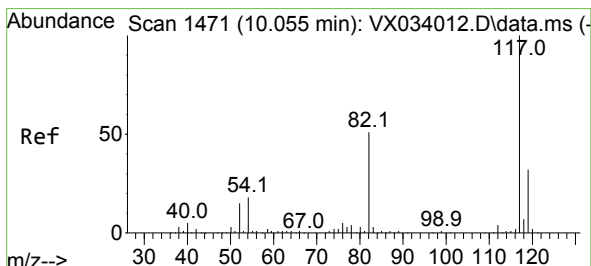
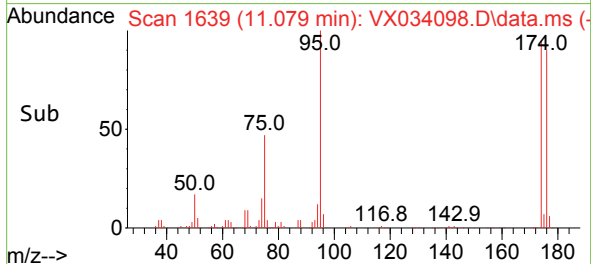
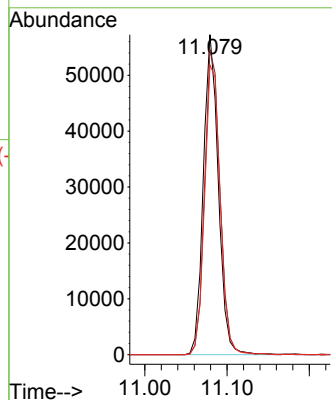
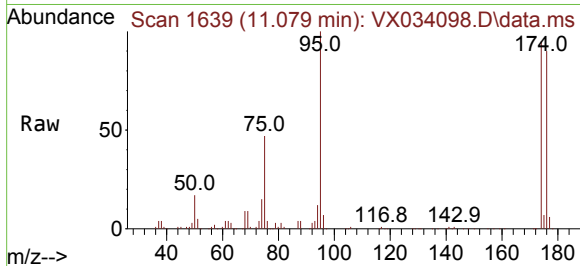




#62
4-Bromofluorobenzene
Concen: 48.672 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

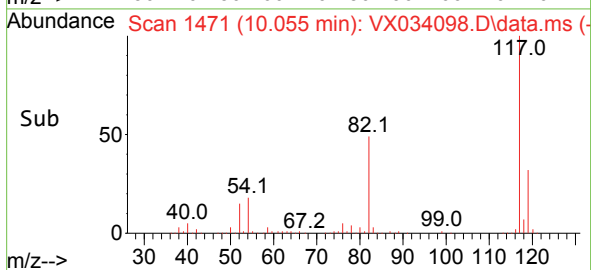
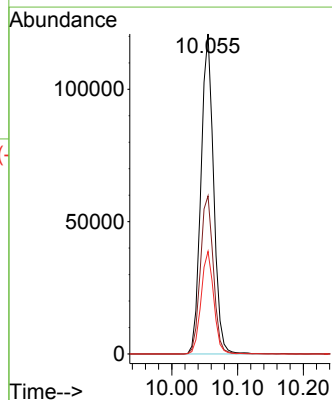
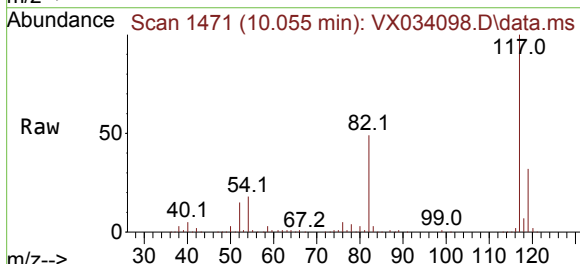
Instrument :
MSVOA_X
ClientSampleId :
TB-01-020823

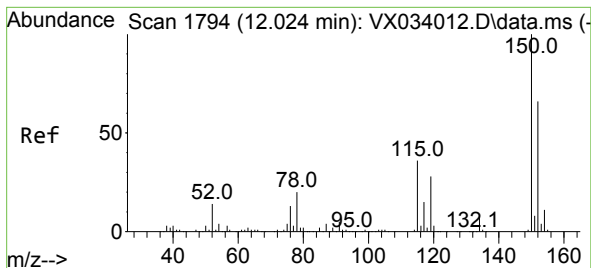
Tgt Ion: 95 Resp: 72449
Ion Ratio Lower Upper
95 100
174 98.0 0.0 184.4
176 94.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

Tgt Ion: 117 Resp: 161328
Ion Ratio Lower Upper
117 100
82 49.4 40.6 60.8
119 32.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034098.D

Acq: 09 Feb 2023 12:04

Instrument :

MSVOA_X

ClientSampleId :

TB-01-020823

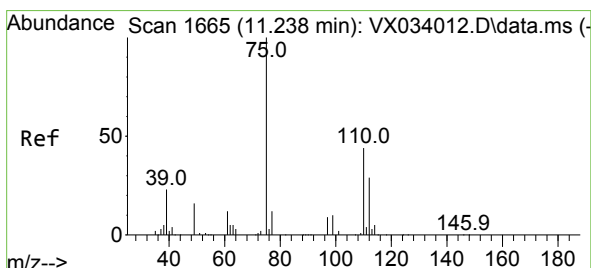
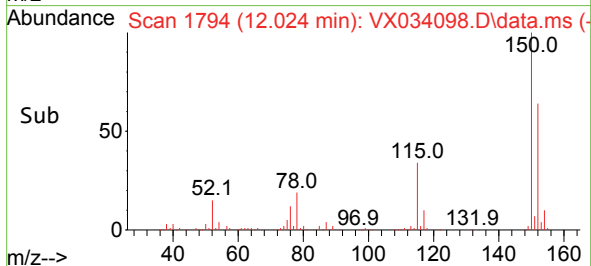
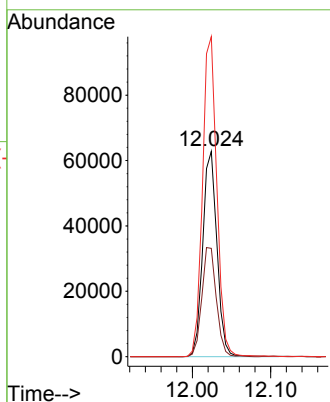
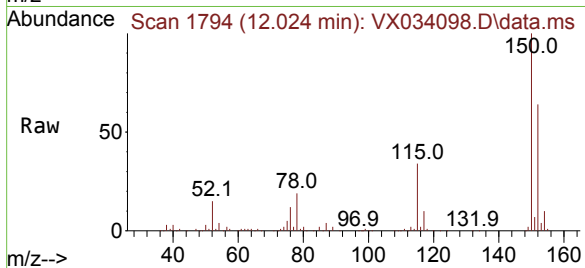
Tgt Ion:152 Resp: 79010

Ion Ratio Lower Upper

152 100

115 54.5 38.7 116.1

150 156.9 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 25.041 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034098.D

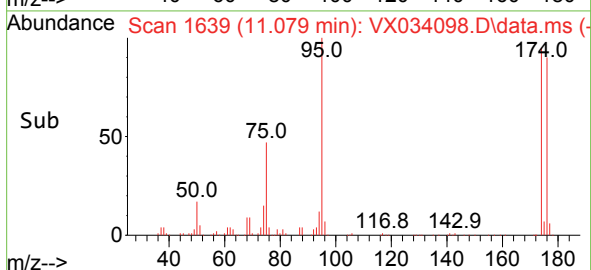
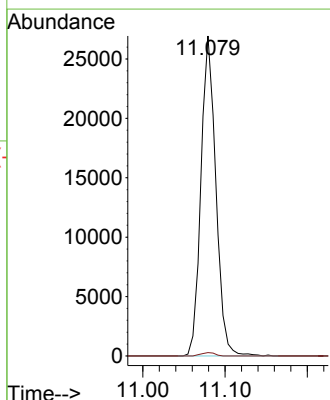
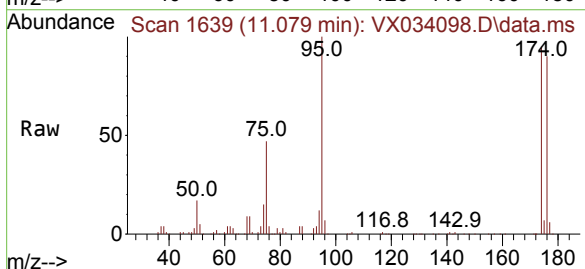
Acq: 09 Feb 2023 12:04

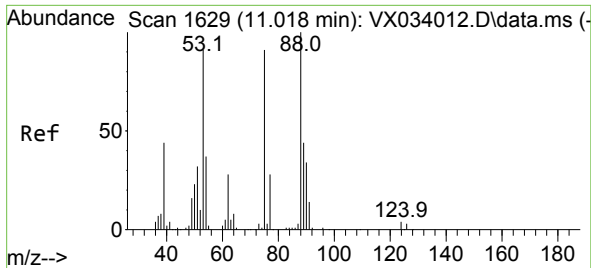
Tgt Ion: 75 Resp: 33973

Ion Ratio Lower Upper

75 100

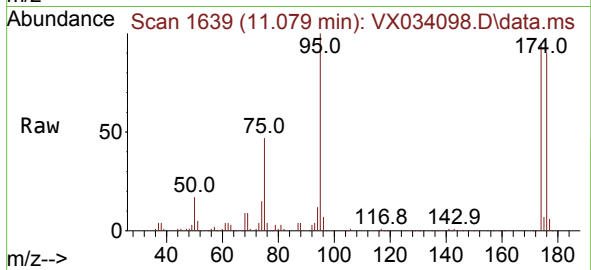
77 1.0 21.8 65.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.119 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034098.D
Acq: 09 Feb 2023 12:04

Instrument :
MSVOA_X
ClientSampleId :
TB-01-020823



Tgt Ion:	75	Resp:	33973
Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.0	124.6#
89	0.0	37.7	56.5#

