

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX040002.D
 Acq On : 29 Jan 2024 17:29
 Operator : JC/MD
 Sample : P1270-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-LIQUID-20240126

Quant Time: Jan 30 02:48:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

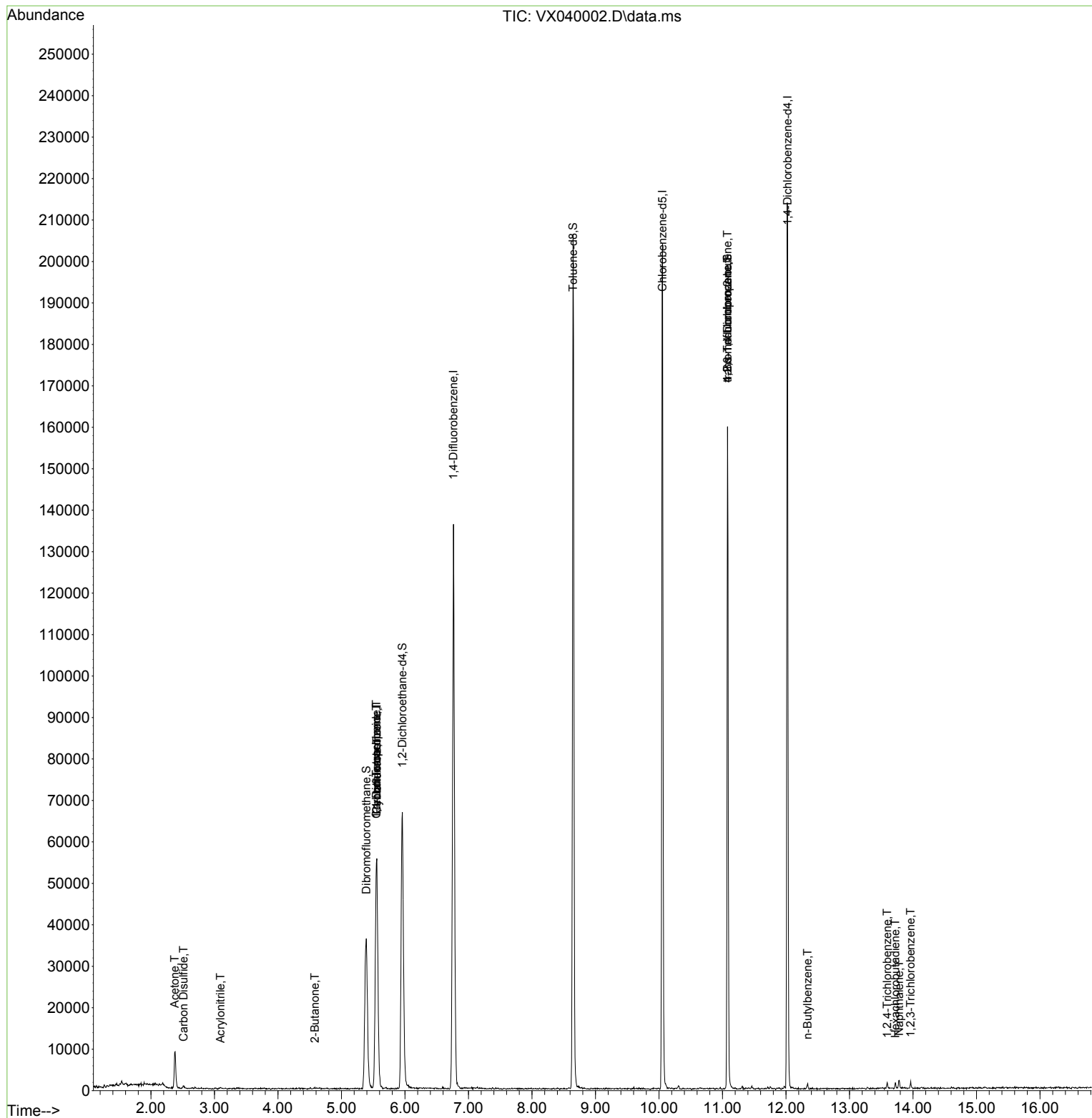
Internal Standards						
1) Pentafluorobenzene	5.556	168	47067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	82506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61736	78.301	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	156.600%#
35) Dibromofluoromethane	5.391	113	31510	40.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.020%
50) Toluene-d8	8.647	98	113969	38.849	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	77.700%#
62) 4-Bromofluorobenzene	11.079	95	39229	34.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	68.400%#
Target Compounds						
					Qvalue	
15) Acrylonitrile	3.093	53	133	0.314	ug/l #	17
16) Acetone	2.374	43	9647	21.756	ug/l	93
17) Carbon Disulfide	2.514	76	745	0.458	ug/l #	76
25) 2-Butanone	4.581	43	504	0.791	ug/l #	51
31) Cyclohexane	5.556	56	1720	1.653	ug/l #	64
36) 1,1-Dichloropropene	5.550	75	4938	4.079	ug/l #	47
38) Carbon Tetrachloride	5.550	117	5621	5.069	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	23567	24.773	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	23567	70.928	ug/l #	5
89) n-Butylbenzene	12.341	91	588	0.248	ug/l #	77
93) 1,2,4-Trichlorobenzene	13.591	180	530	0.704	ug/l #	67
94) Hexachlorobutadiene	13.719	225	282	0.901	ug/l	79
95) Naphthalene	13.780	128	1501	0.541	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	444	0.584	ug/l	82

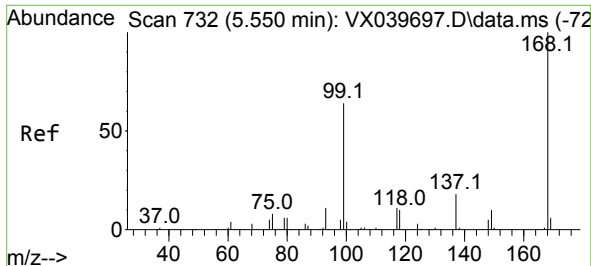
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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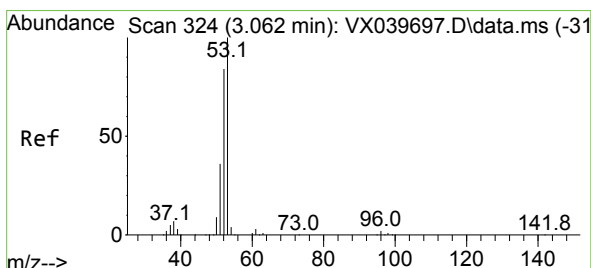
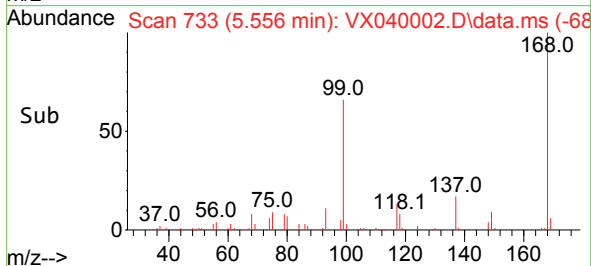
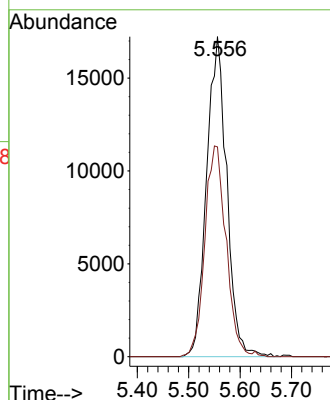
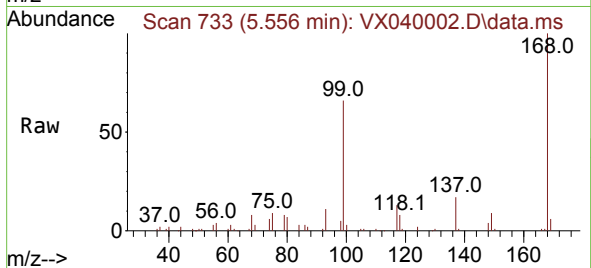




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

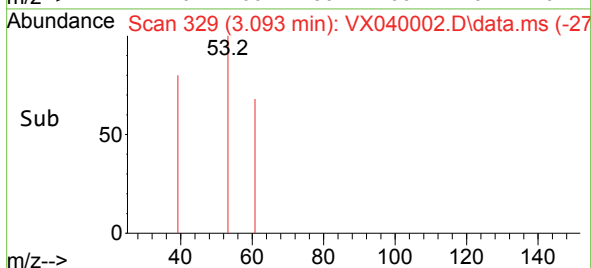
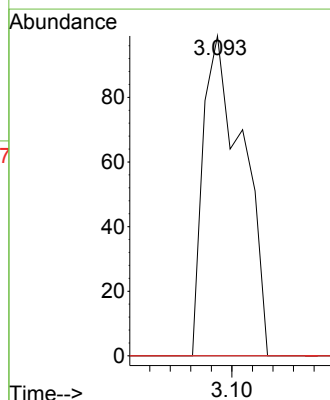
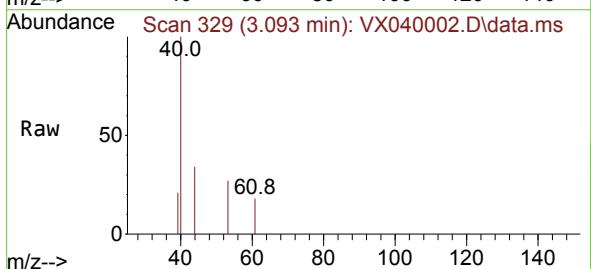
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20240126

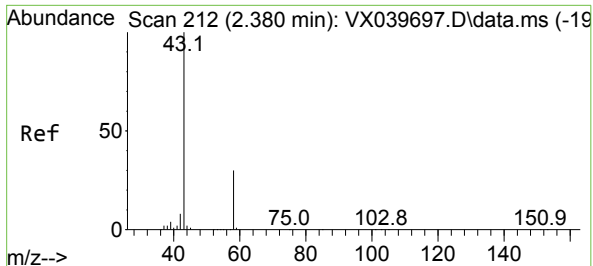
Tgt Ion:168 Resp: 47067
Ion Ratio Lower Upper
168 100
99 65.5 56.6 85.0



#15
Acrylonitrile
Concen: 0.314 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.031 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

Tgt Ion: 53 Resp: 133
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 0.0 29.8 44.6#

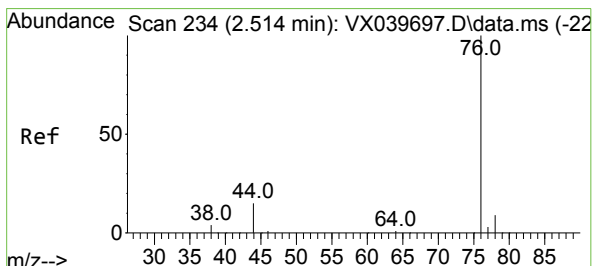
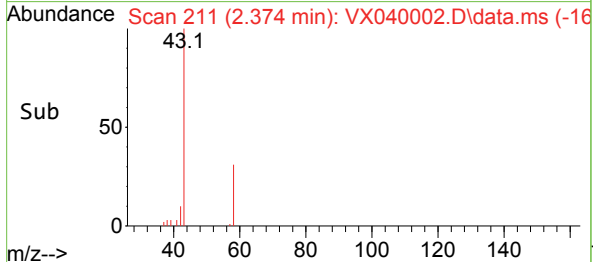
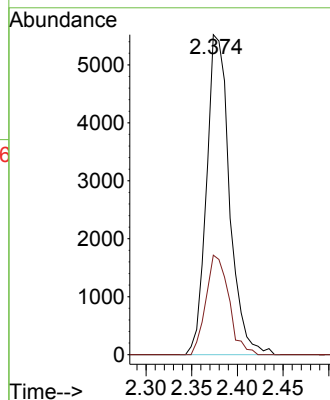
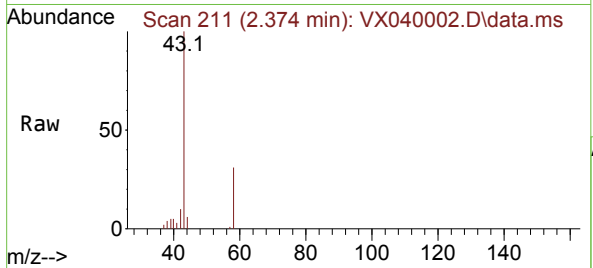




#16
Acetone
Concen: 21.756 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

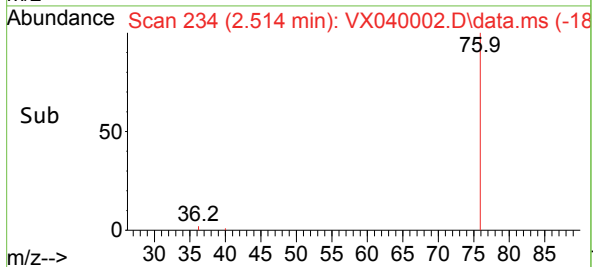
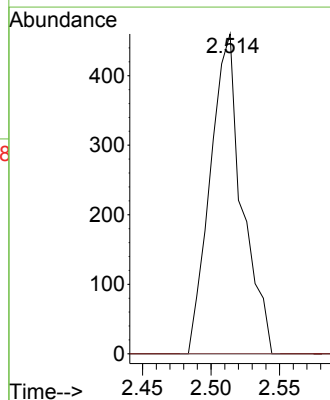
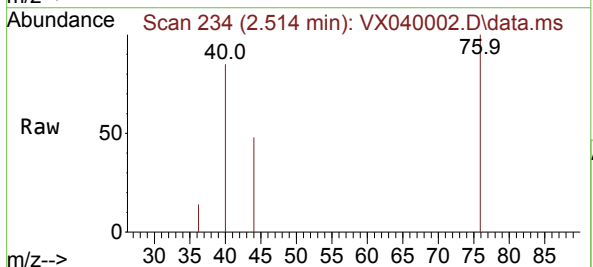
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20240126

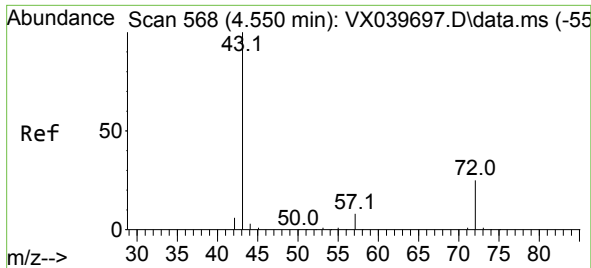
Tgt Ion: 43 Resp: 9647
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9



#17
Carbon Disulfide
Concen: 0.458 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

Tgt Ion: 76 Resp: 745
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

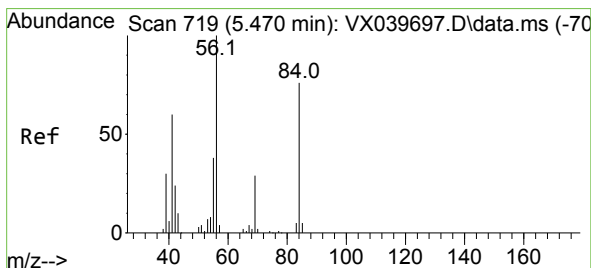
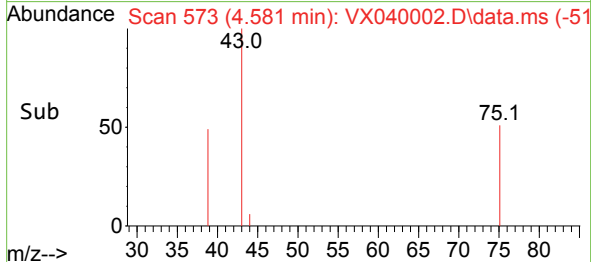
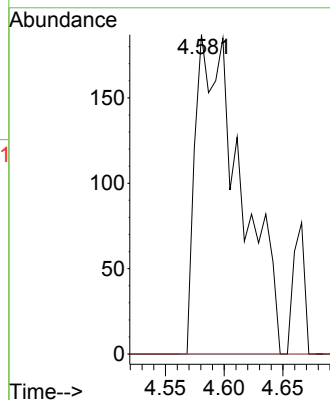
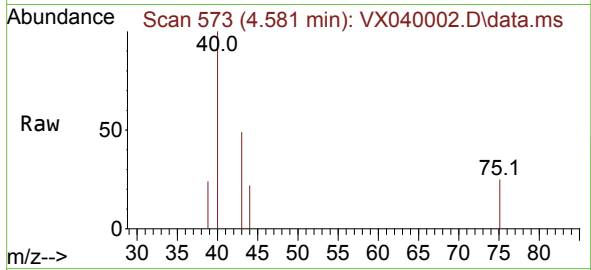




#25
2-Butanone
Concen: 0.791 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

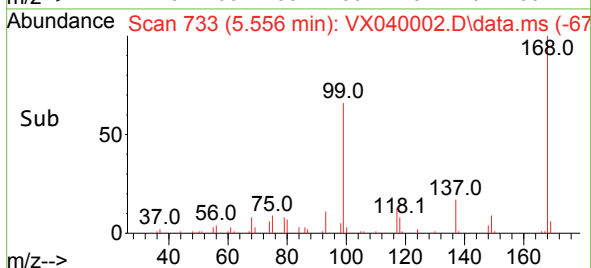
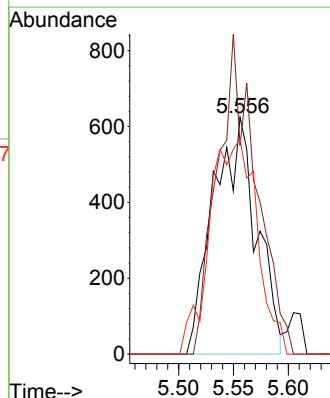
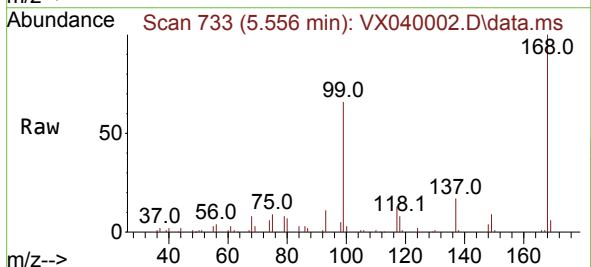
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20240126

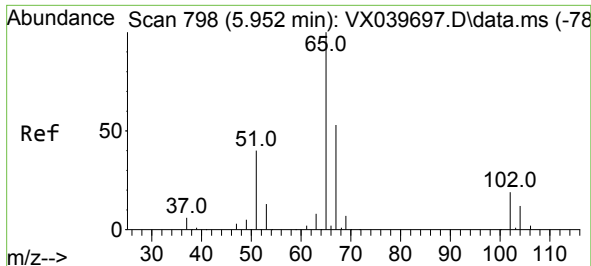
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.653 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

Tgt Ion: 56 Resp: 1720
Ion Ratio Lower Upper
56 100
69 88.1 23.4 35.2#
84 91.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 78.301 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040002.D

Acq: 29 Jan 2024 17:29

Instrument :

MSVOA_X

ClientSampleId :

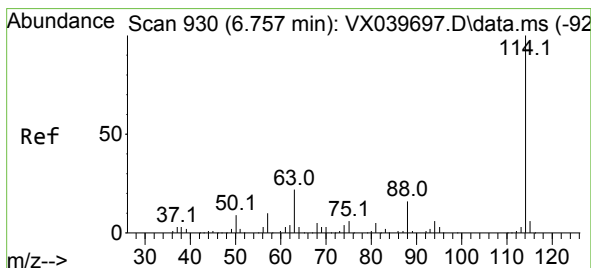
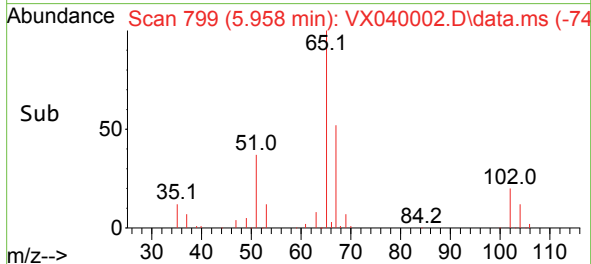
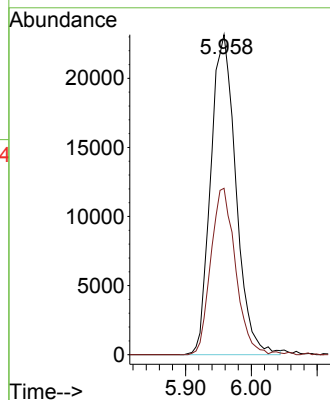
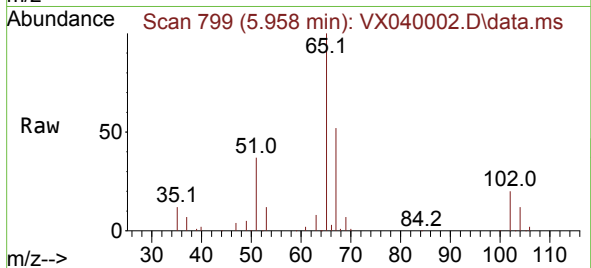
WC-LIQUID-20240126

Tgt Ion: 65 Resp: 61736

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040002.D

Acq: 29 Jan 2024 17:29

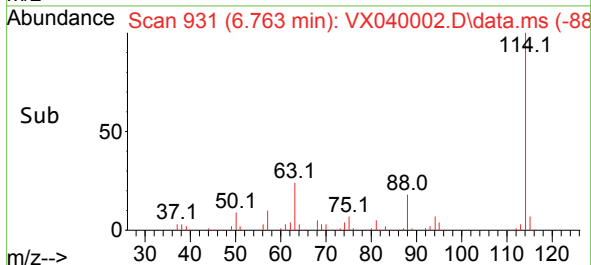
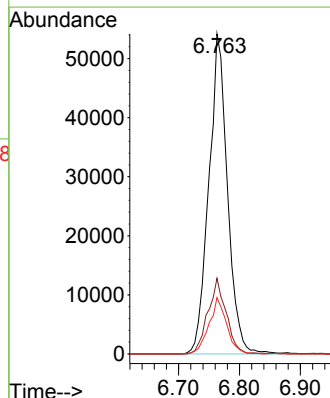
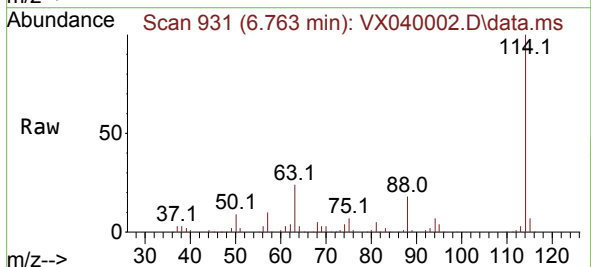
Tgt Ion:114 Resp: 115483

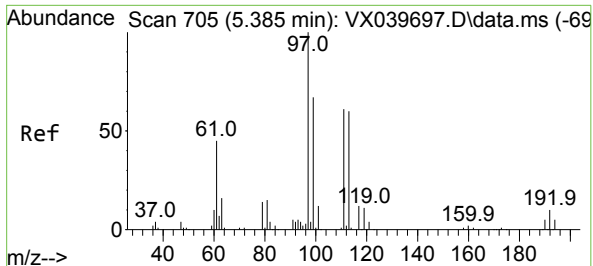
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 17.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 40.510 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040002.D

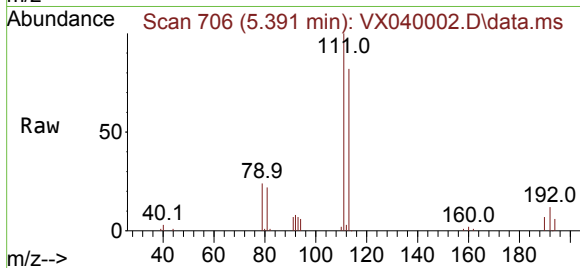
Acq: 29 Jan 2024 17:29

Instrument :

MSVOA_X

ClientSampleId :

WC-LIQUID-20240126



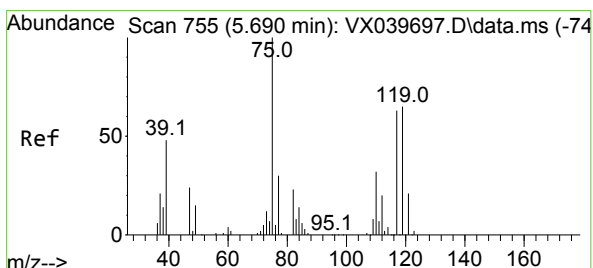
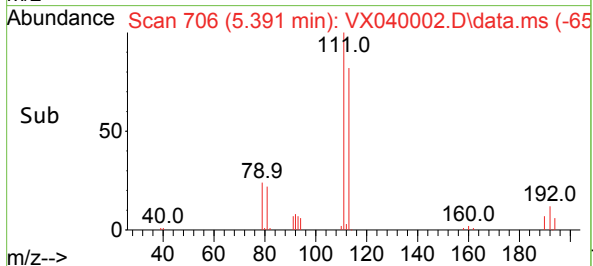
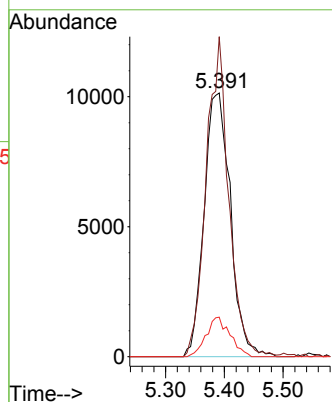
Tgt Ion:113 Resp: 31510

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

192 13.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.079 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX040002.D

Acq: 29 Jan 2024 17:29

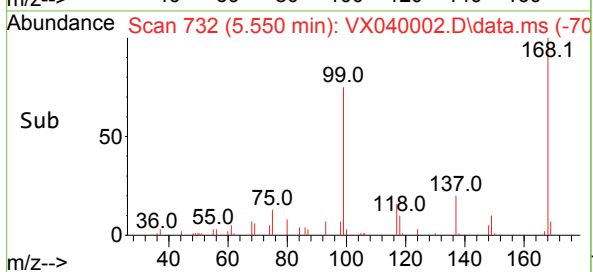
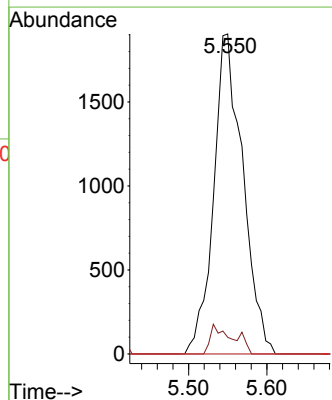
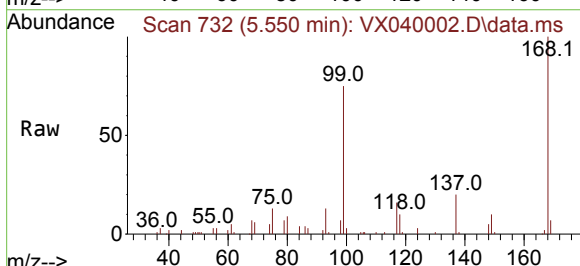
Tgt Ion: 75 Resp: 4938

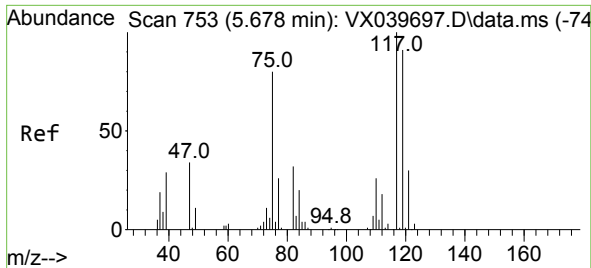
Ion Ratio Lower Upper

75 100

110 5.7 17.0 50.9#

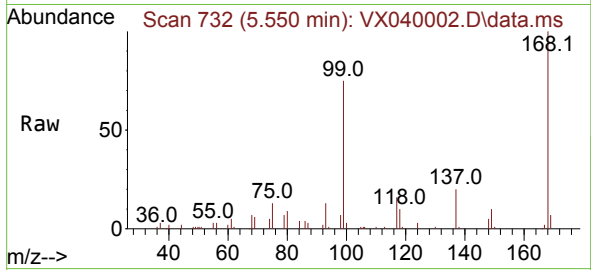
77 0.0 24.7 37.1#



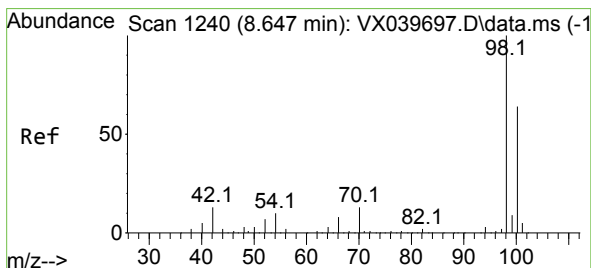
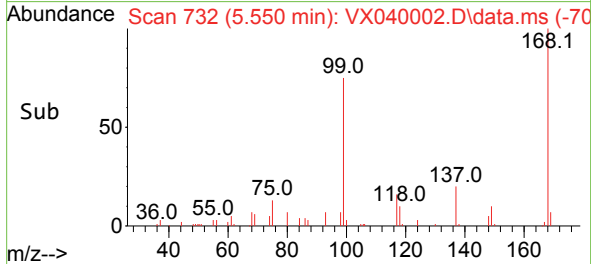
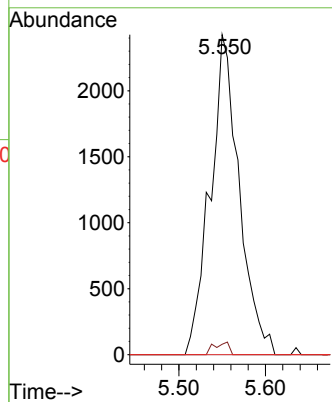


#38
Carbon Tetrachloride
Concen: 5.069 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

Instrument :
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ClientSampleId :
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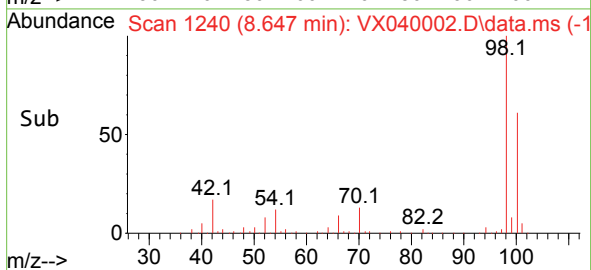
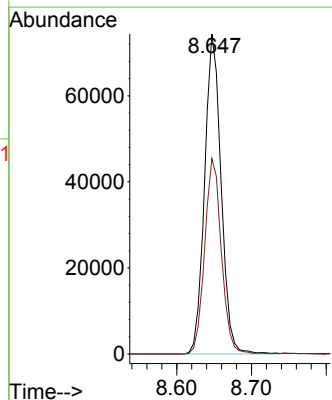
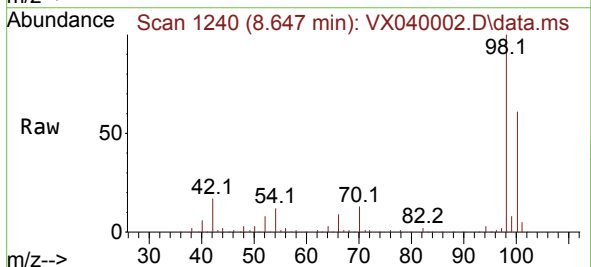


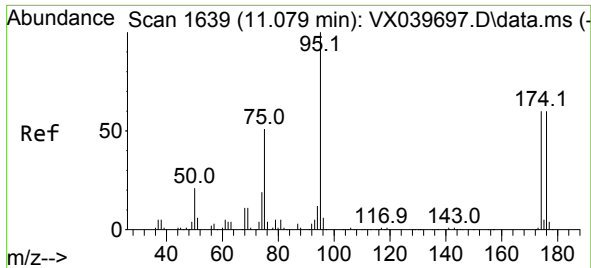
Tgt Ion:117 Resp: 5621
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 38.849 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

Tgt Ion: 98 Resp: 113969
Ion Ratio Lower Upper
98 100
100 61.7 53.1 79.7

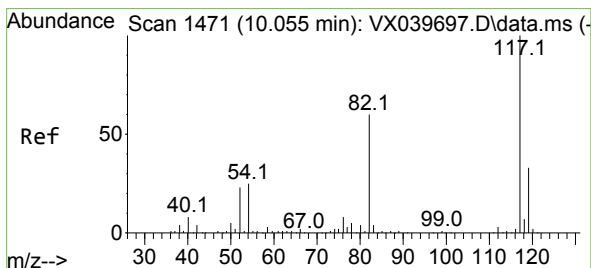
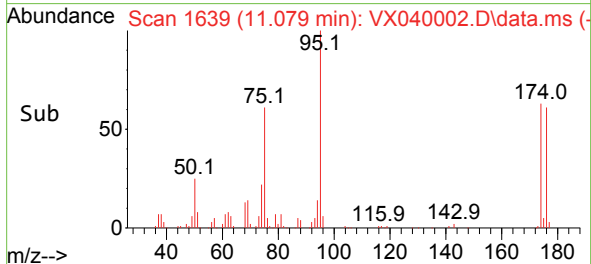
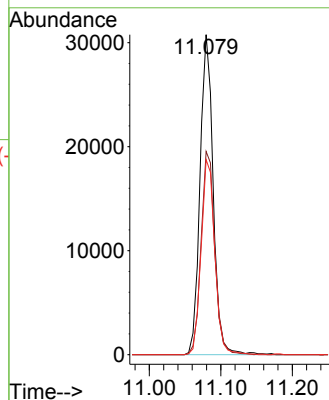
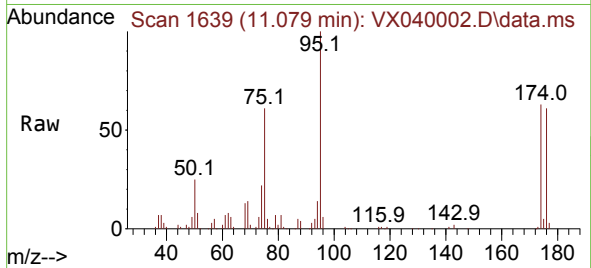




#62
4-Bromofluorobenzene
Concen: 34.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

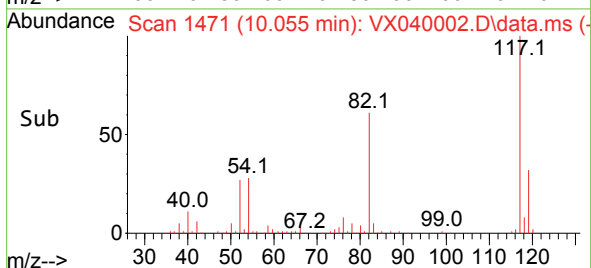
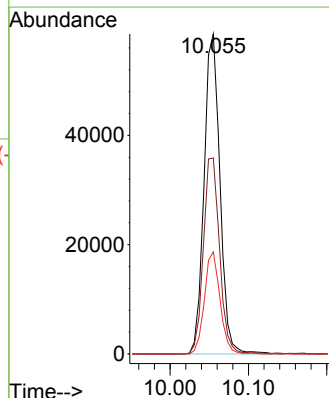
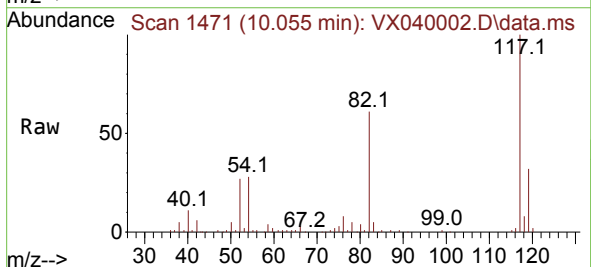
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20240126

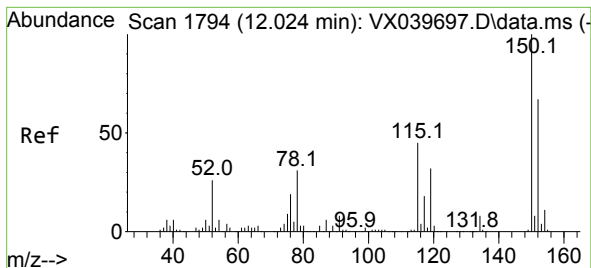
Tgt Ion: 95 Resp: 39229
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.6
176 63.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

Tgt Ion: 117 Resp: 82506
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040002.D

Acq: 29 Jan 2024 17:29

Instrument :

MSVOA_X

ClientSampleId :

WC-LIQUID-20240126

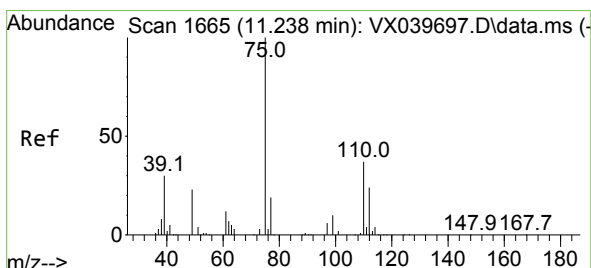
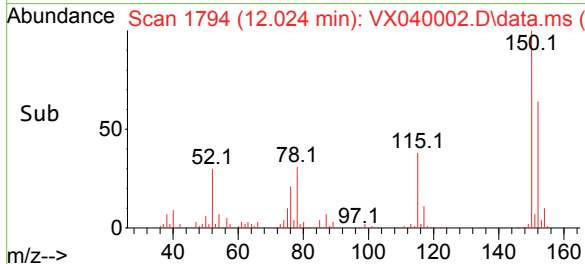
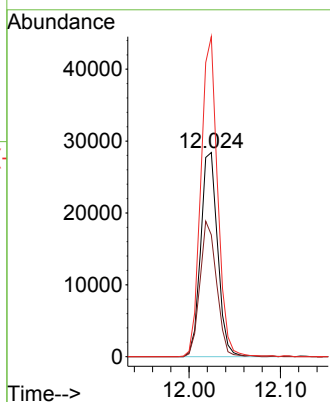
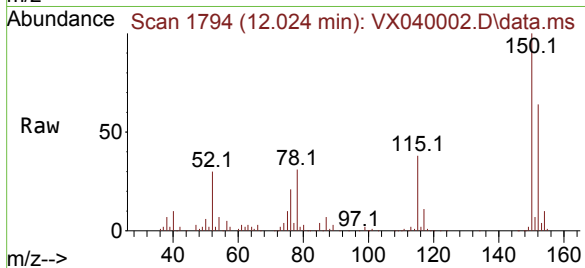
Tgt Ion:152 Resp: 36694

Ion Ratio Lower Upper

152 100

115 65.2 43.3 129.9

150 154.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.773 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040002.D

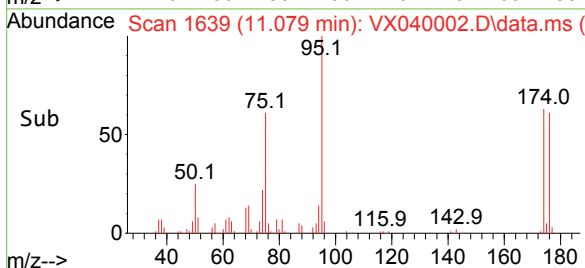
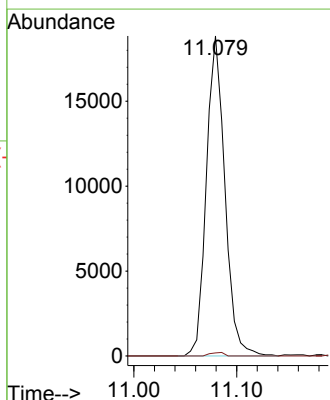
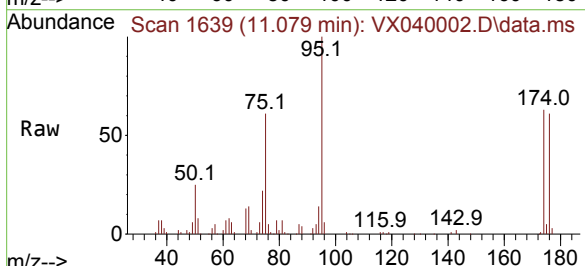
Acq: 29 Jan 2024 17:29

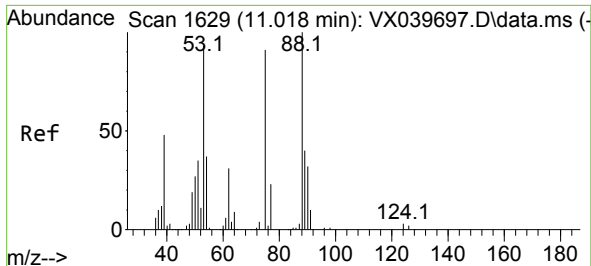
Tgt Ion: 75 Resp: 23567

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#

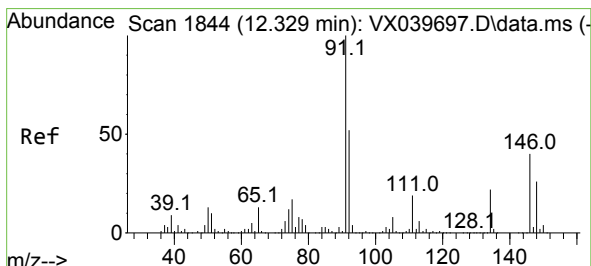
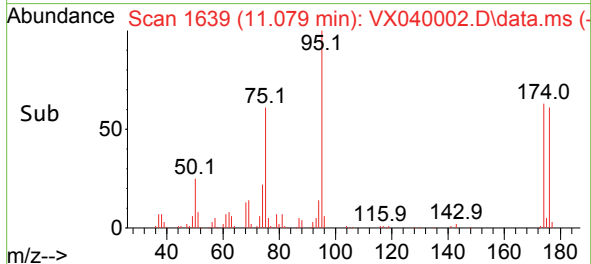
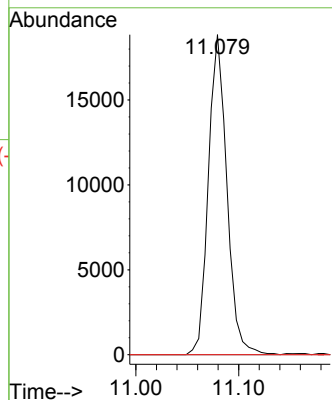
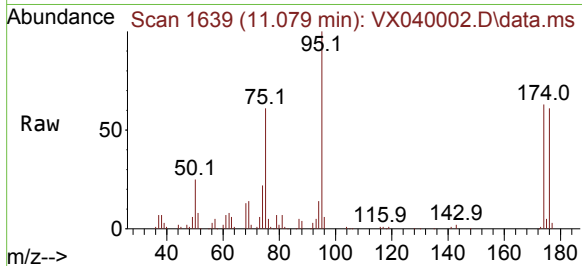




#81
trans-1,4-Dichloro-2-butene
Concen: 70.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

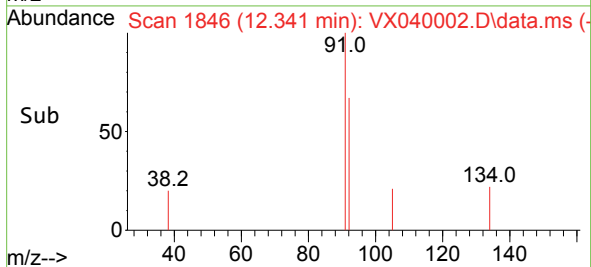
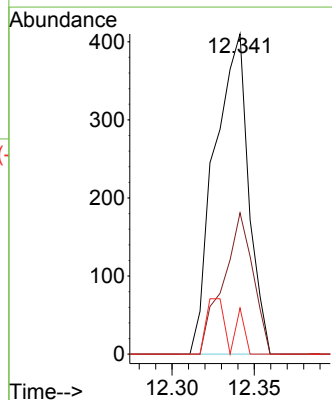
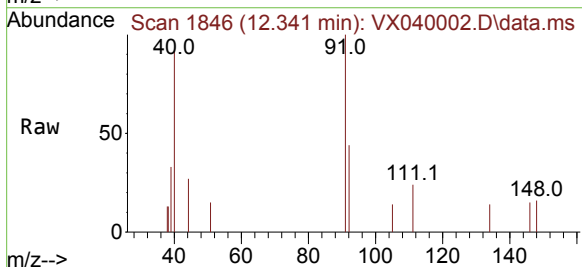
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20240126

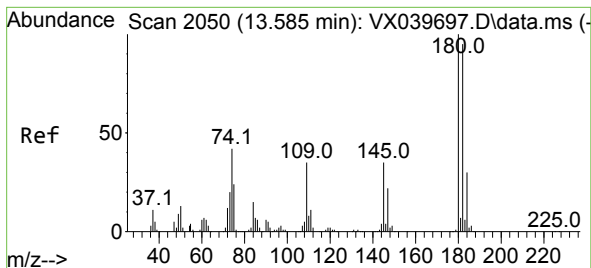
Tgt Ion: 75 Resp: 23567
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.248 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX040002.D
Acq: 29 Jan 2024 17:29

Tgt Ion: 91 Resp: 588
Ion Ratio Lower Upper
91 100
92 38.8 27.4 82.0
134 12.6 12.6 37.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.704 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040002.D

Acq: 29 Jan 2024 17:29

Instrument :

MSVOA_X

ClientSampleId :

WC-LIQUID-20240126

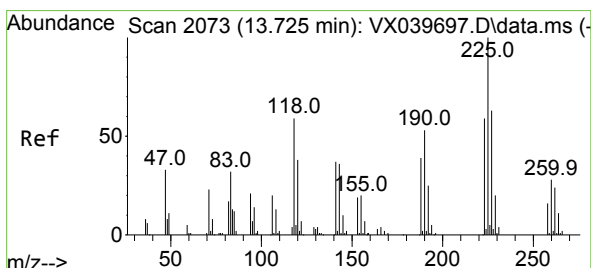
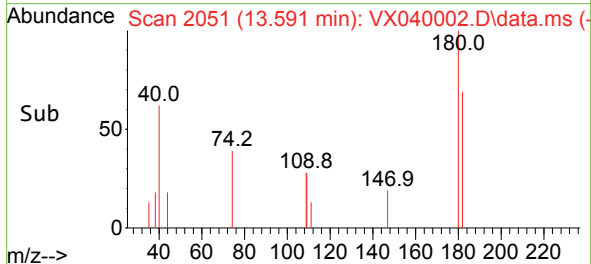
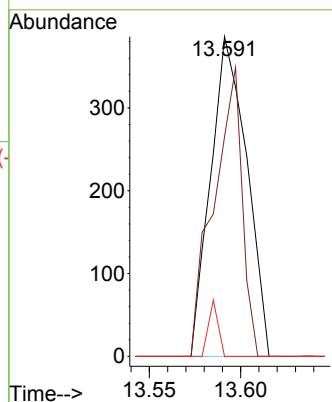
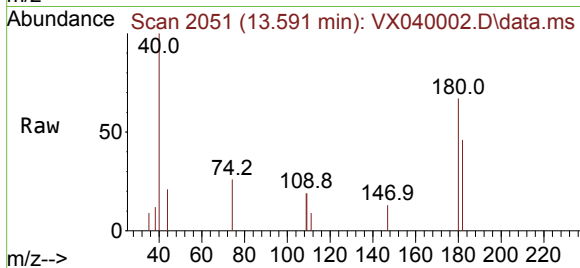
Tgt Ion:180 Resp: 530

Ion Ratio Lower Upper

180 100

182 70.9 48.3 144.8

145 4.7 18.0 54.0#



#94

Hexachlorobutadiene

Concen: 0.901 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX040002.D

Acq: 29 Jan 2024 17:29

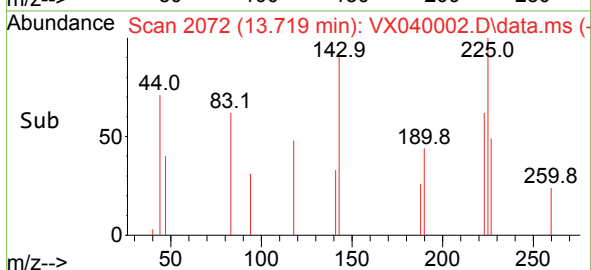
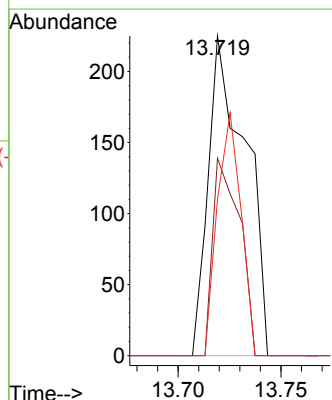
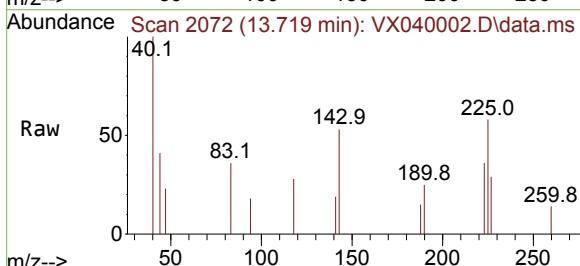
Tgt Ion:225 Resp: 282

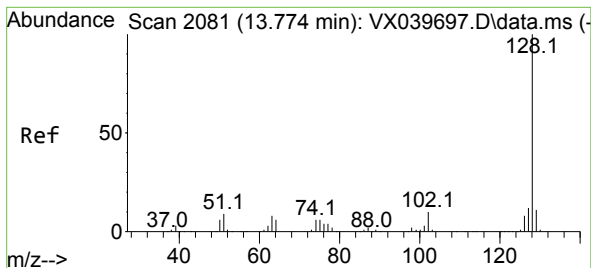
Ion Ratio Lower Upper

225 100

223 45.0 31.1 93.2

227 48.6 32.5 97.5





#95

Naphthalene

Concen: 0.541 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040002.D

Acq: 29 Jan 2024 17:29

Instrument :

MSVOA_X

ClientSampleId :

WC-LIQUID-20240126

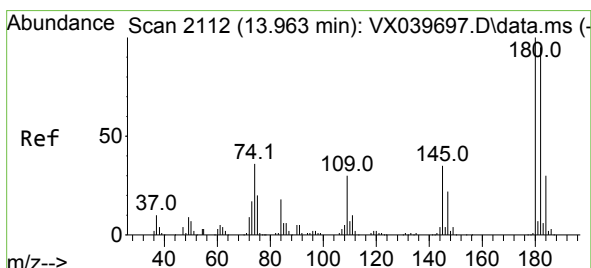
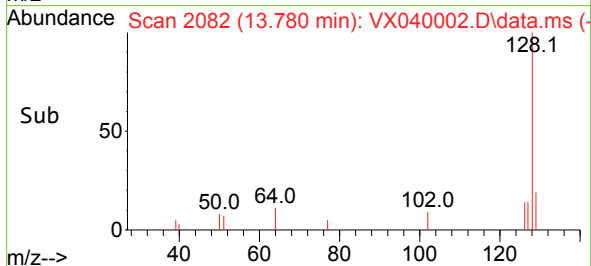
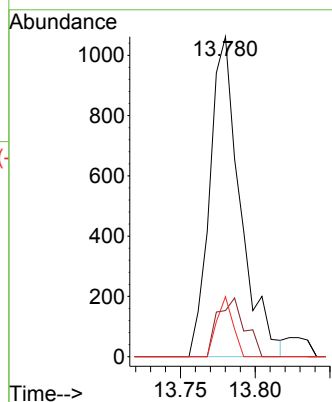
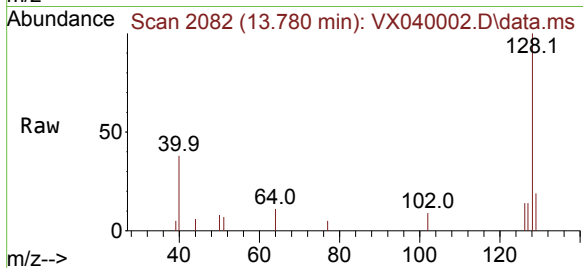
Tgt Ion:128 Resp: 1501

Ion Ratio Lower Upper

128 100

127 16.3 10.3 15.5#

129 9.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.584 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040002.D

Acq: 29 Jan 2024 17:29

Tgt Ion:180 Resp: 444

Ion Ratio Lower Upper

180 100

182 114.4 46.9 140.6

145 39.9 17.8 53.5

