

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042026.D
 Acq On : 25 Jun 2024 12:49
 Operator : JC/MD
 Sample : P3052-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240624

Quant Time: Jun 26 05:36:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

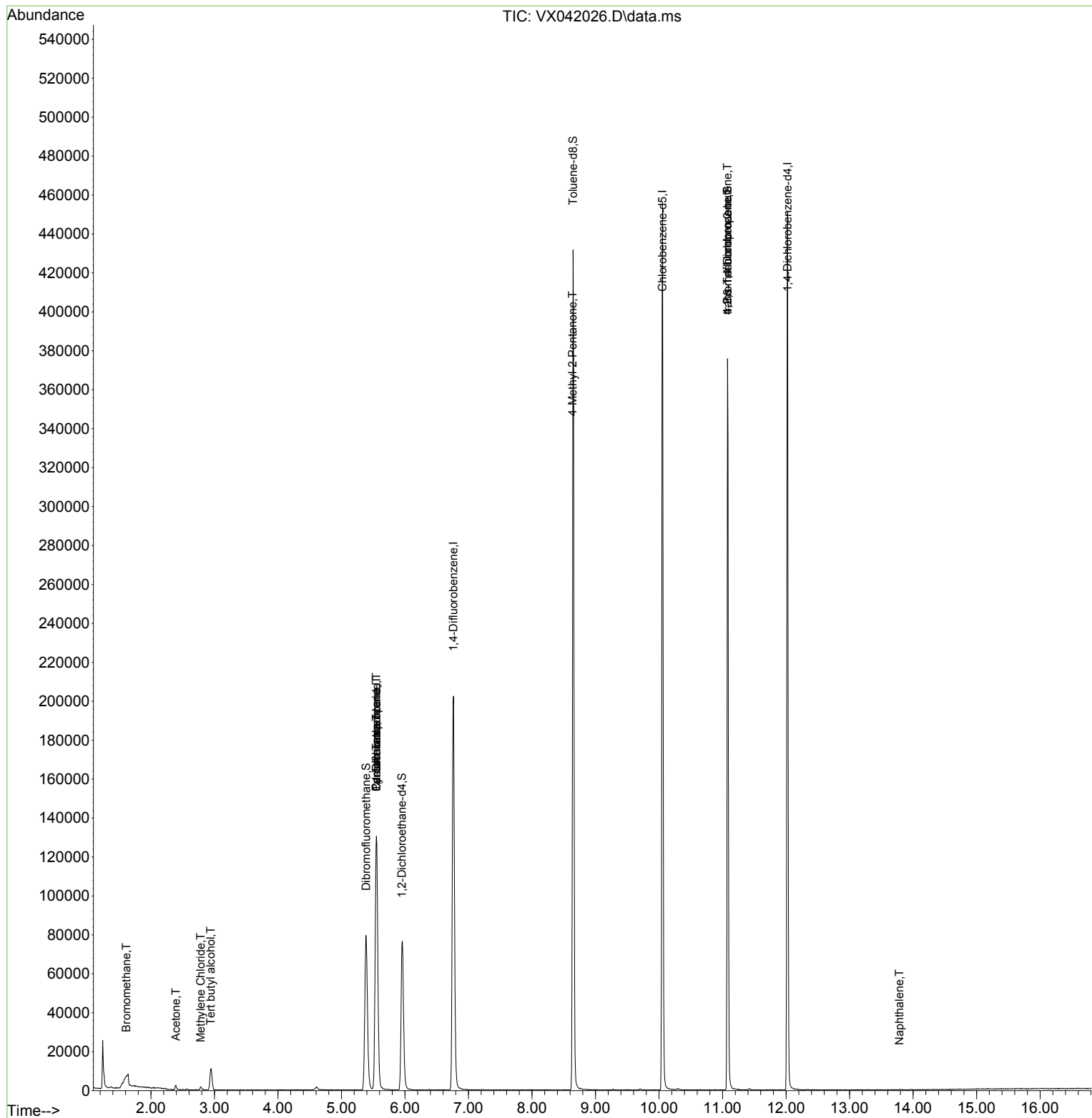
Internal Standards						
1) Pentafluorobenzene	5.550	168	148108	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	227307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74775	43.783	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.560%		
35) Dibromofluoromethane	5.385	113	70792	43.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.780%		
50) Toluene-d8	8.647	98	265080	46.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.560%		
62) 4-Bromofluorobenzene	11.079	95	99164	47.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.960%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	172	0.245	ug/l #	72
6) Chloroethane	1.666	64	288	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	7098	21.899	ug/l #	78
16) Acetone	2.392	43	2268	3.024	ug/l	95
20) Methylene Chloride	2.782	84	846	0.515	ug/l	94
31) Cyclohexane	5.550	56	2156	1.079	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8857	5.171	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12404	6.555	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	906	0.384	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45070	22.492	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45070	63.876	ug/l #	5
95) Naphthalene	13.786	128	431	0.802	ug/l #	69

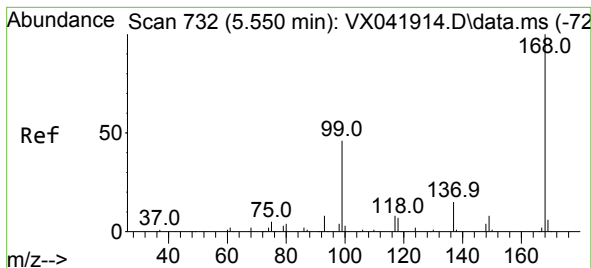
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX042026.D

Acq: 25 Jun 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

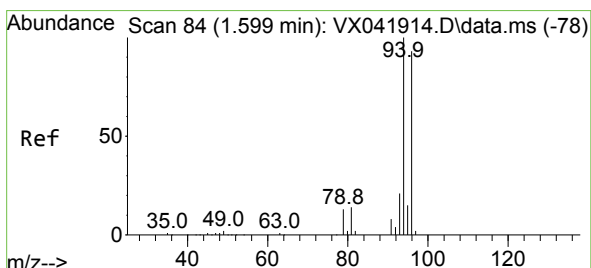
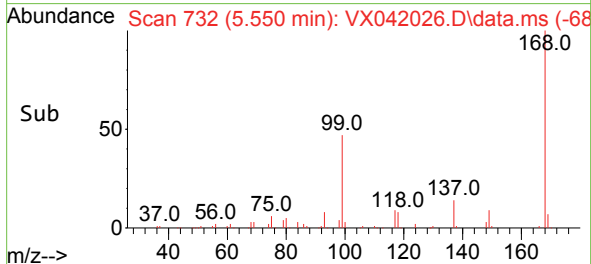
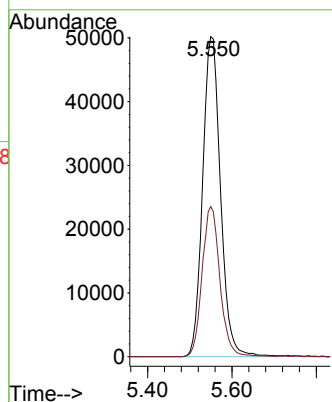
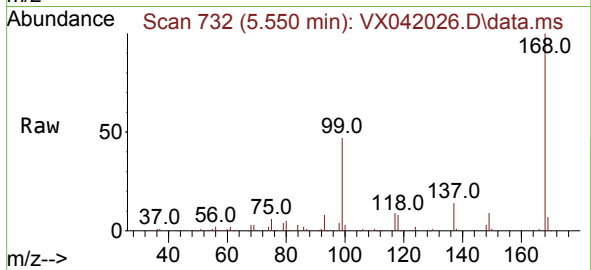
TB-20240624

Tgt Ion:168 Resp: 148108

Ion Ratio Lower Upper

168 100

99 46.9 56.6 85.0#



#5

Bromomethane

Concen: 0.245 ug/l

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX042026.D

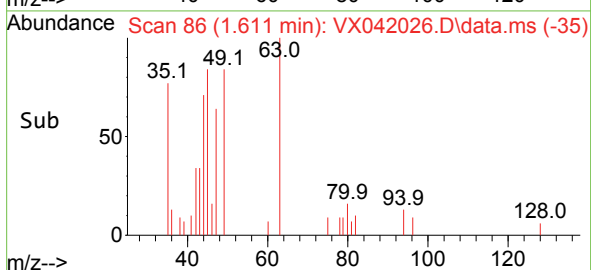
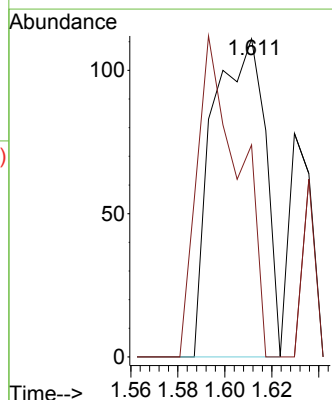
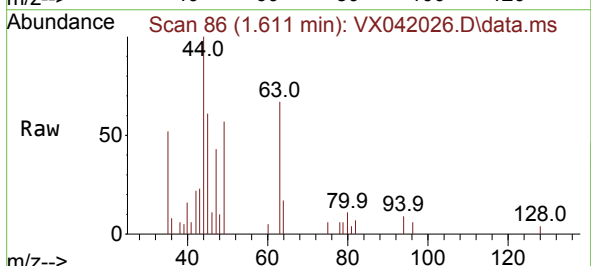
Acq: 25 Jun 2024 12:49

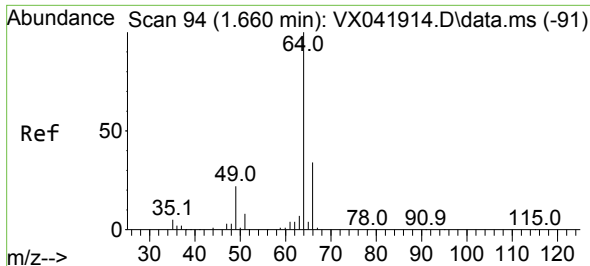
Tgt Ion: 94 Resp: 172

Ion Ratio Lower Upper

94 100

96 66.7 74.6 111.8#

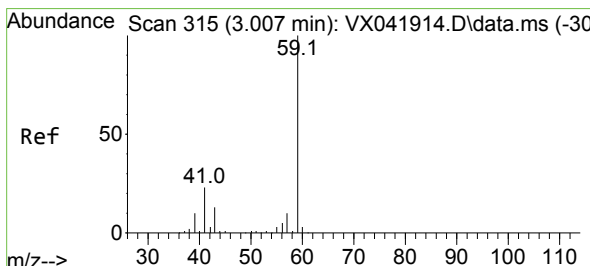
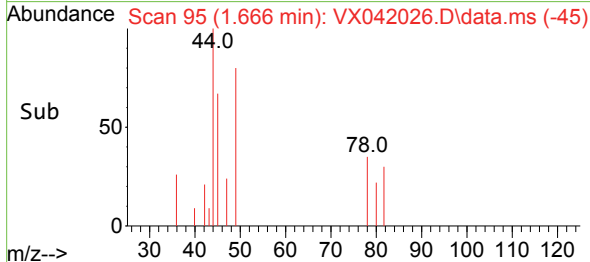
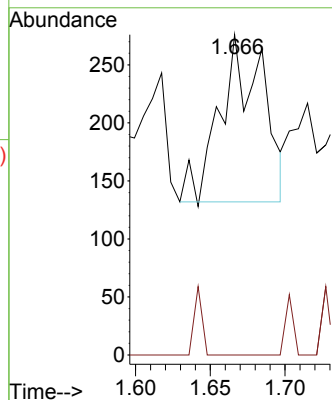
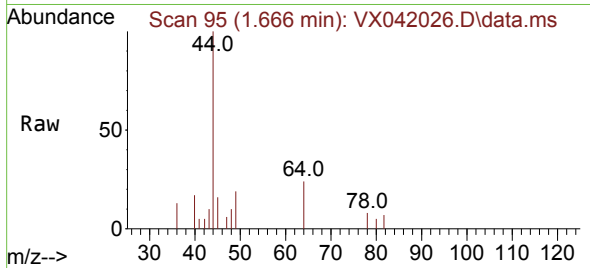




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

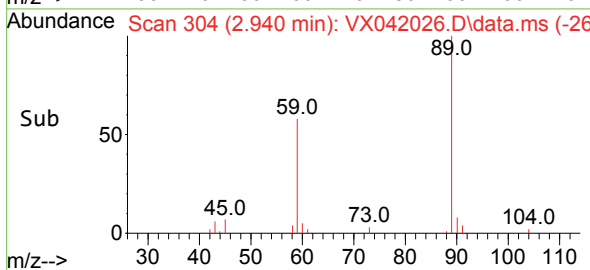
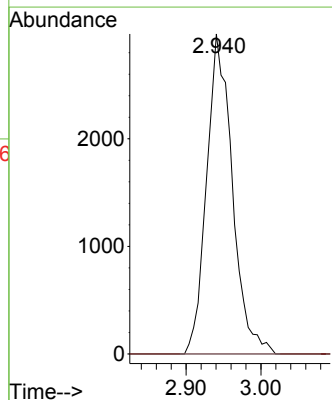
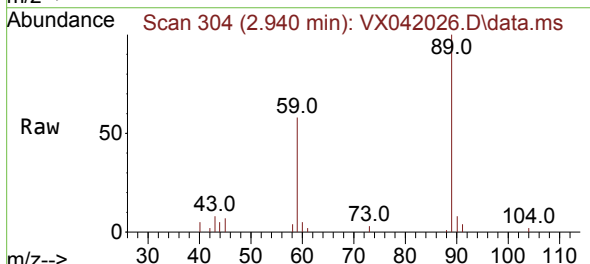
Instrument :
MSVOA_X
ClientSampleId :
TB-20240624

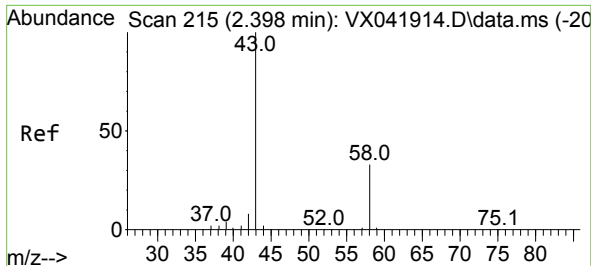
Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 21.899 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion: 59 Resp: 7098
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

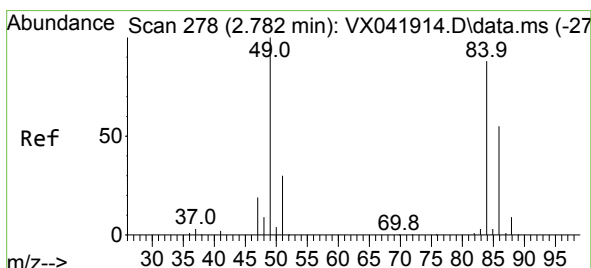
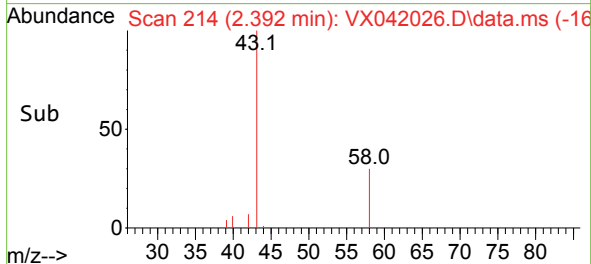
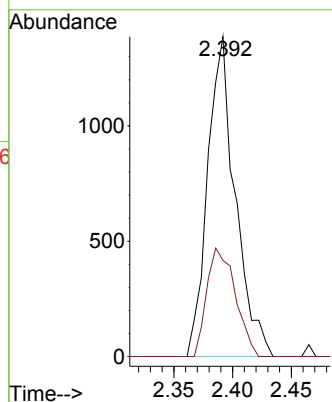
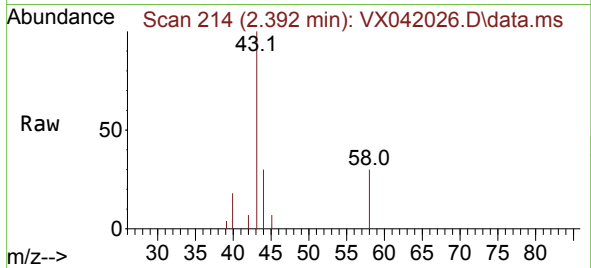




#16
Acetone
Concen: 3.024 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

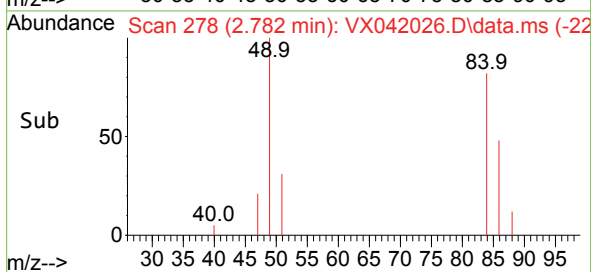
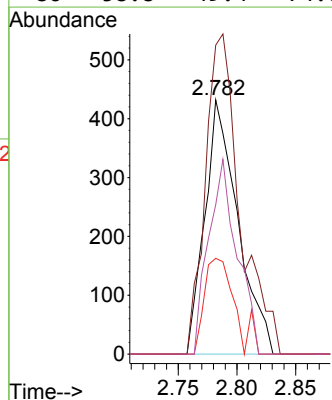
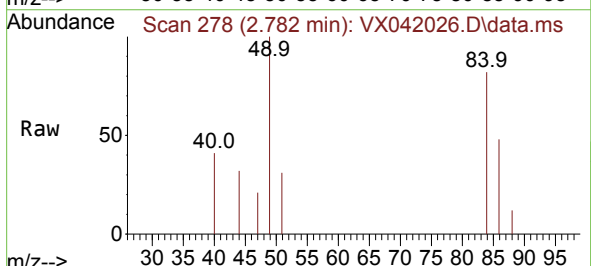
Instrument :
MSVOA_X
ClientSampleId :
TB-20240624

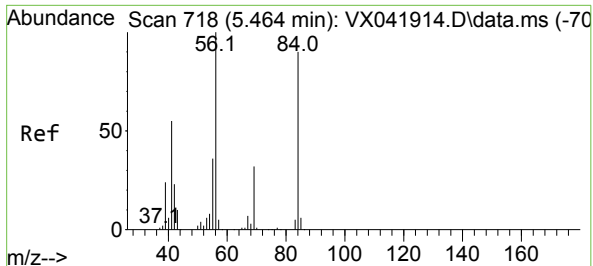
Tgt Ion: 43 Resp: 2268
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.515 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

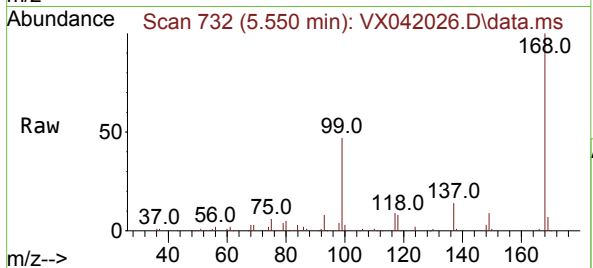
Tgt Ion: 84 Resp: 846
Ion Ratio Lower Upper
84 100
49 121.5 103.6 155.4
51 37.7 33.8 50.6
86 58.8 49.4 74.0



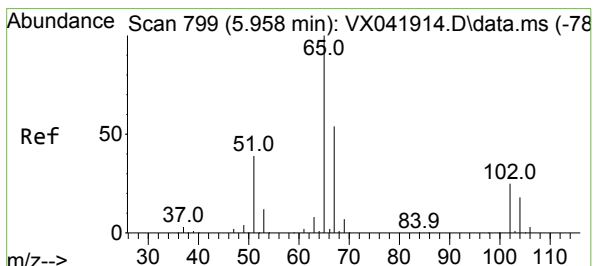
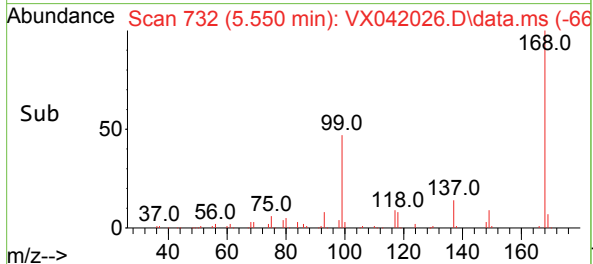
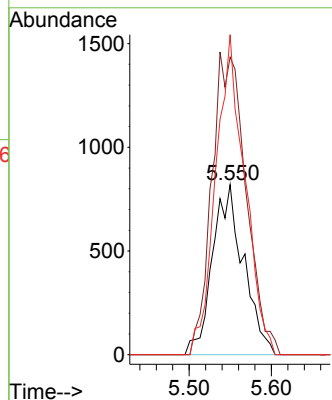


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
TB-20240624

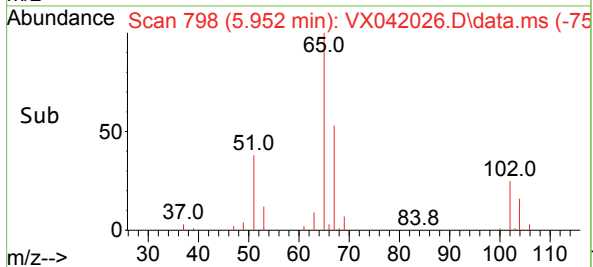
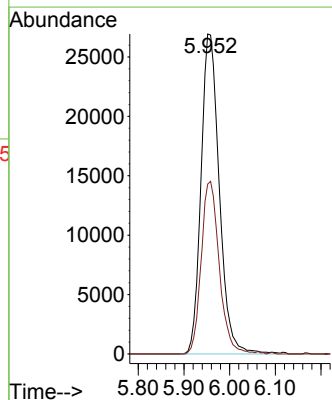
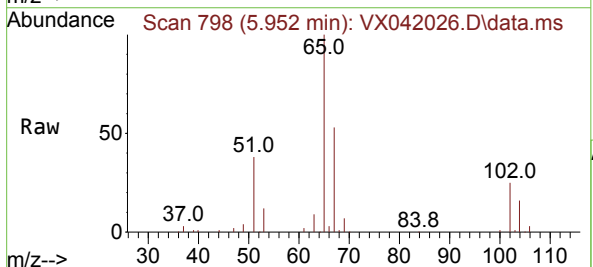


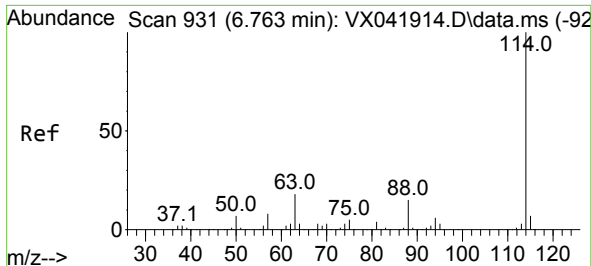
Tgt Ion: 56 Resp: 2156
Ion Ratio Lower Upper
56 100
69 175.0 23.4 35.2#
84 188.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.783 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion: 65 Resp: 74775
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

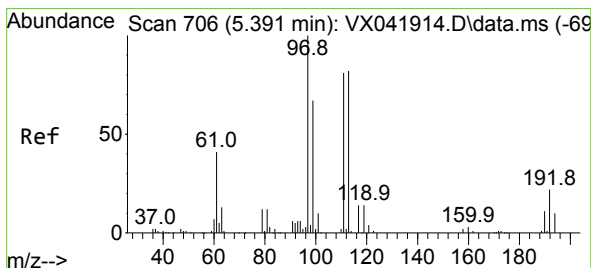
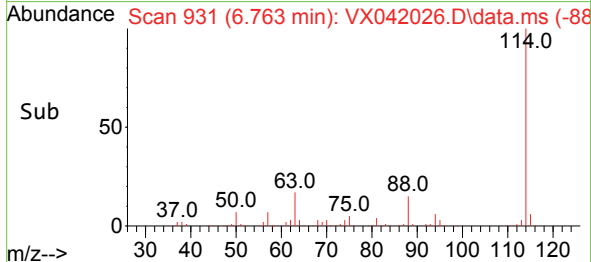
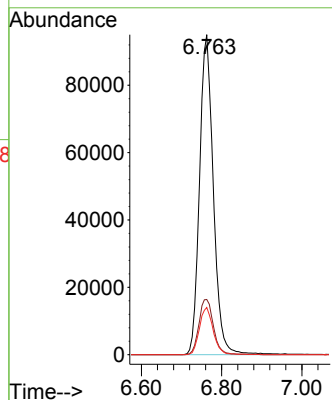
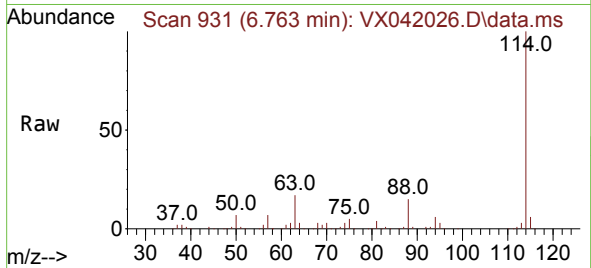




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

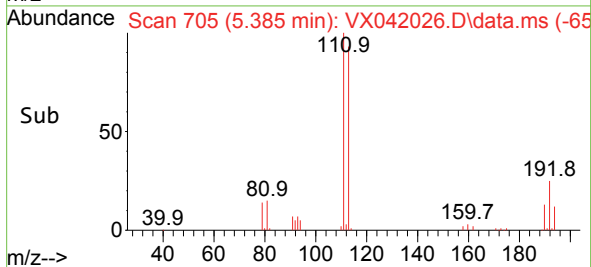
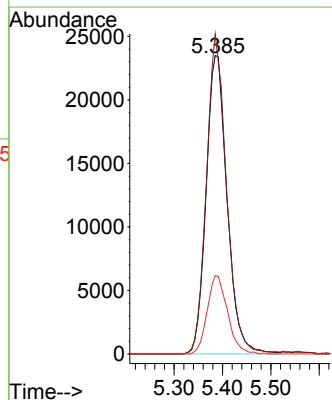
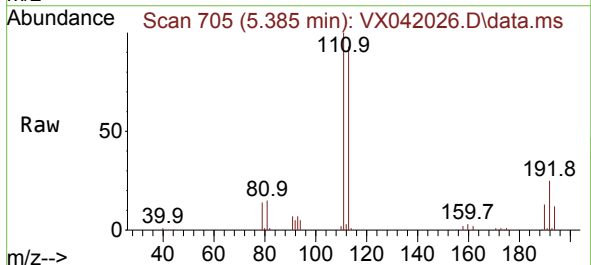
Instrument :
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ClientSampleId :
TB-20240624

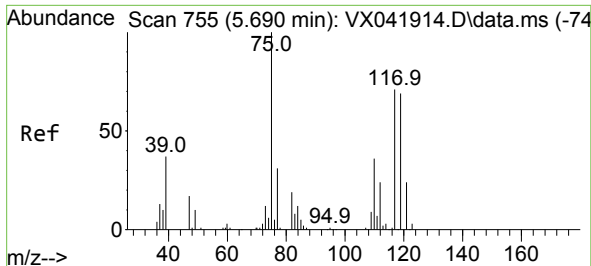
Tgt Ion:114 Resp: 227307
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion:113 Resp: 70792
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 25.4 13.3 19.9#

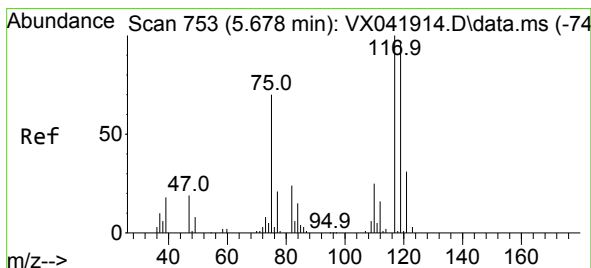
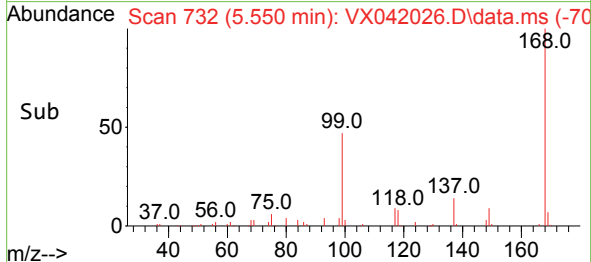
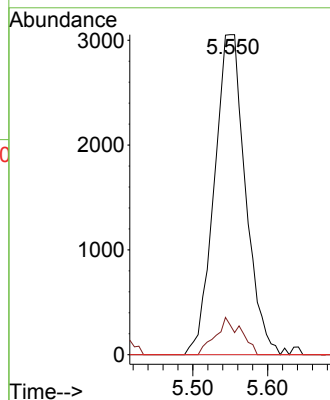
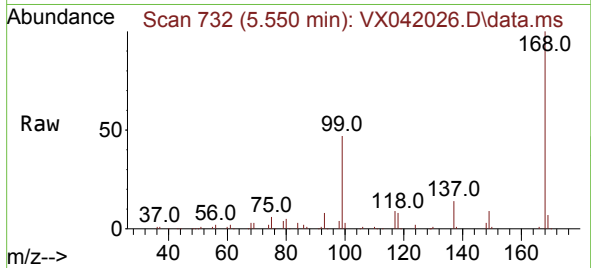




#36
1,1-Dichloropropene
Concen: 5.171 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

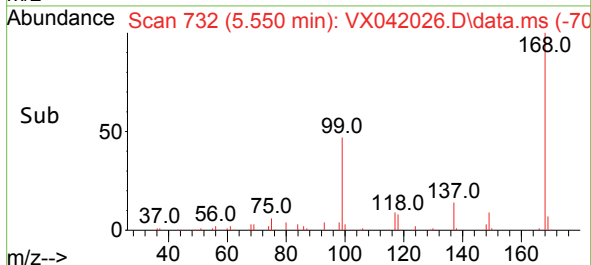
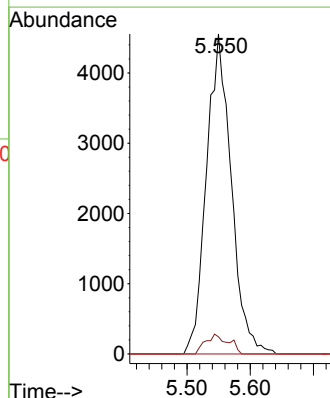
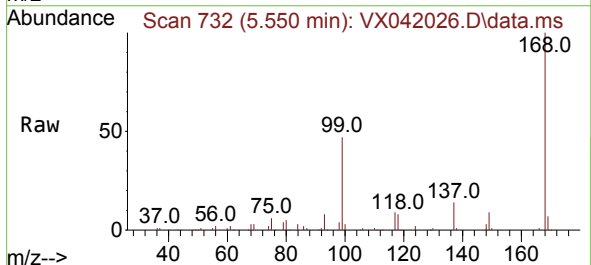
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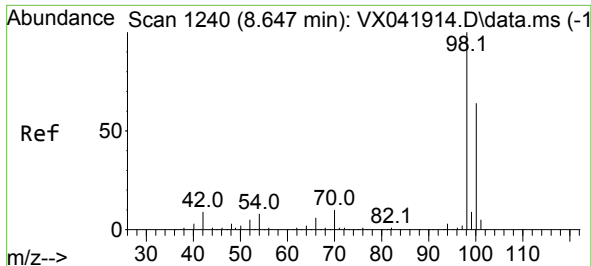
Tgt Ion: 75 Resp: 8857
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.555 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion: 117 Resp: 12404
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

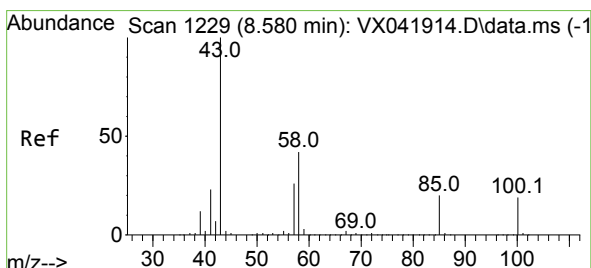
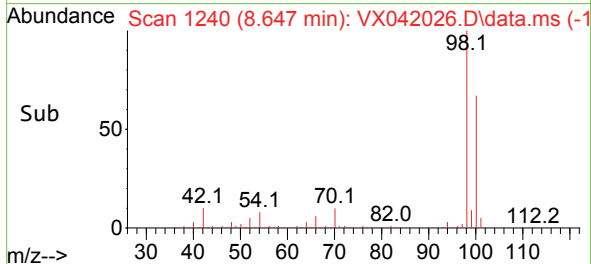
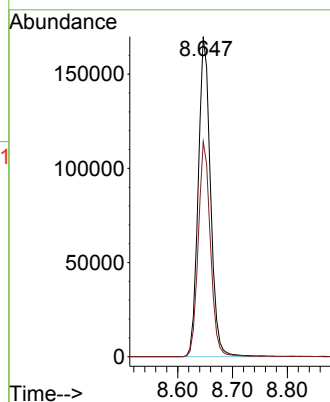
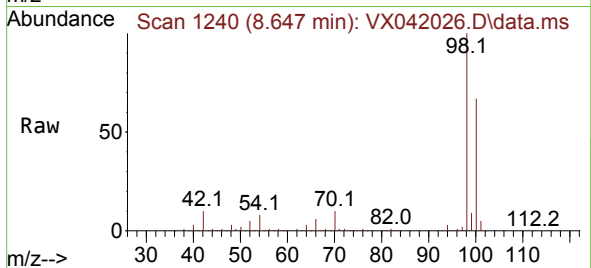




#50
Toluene-d8
Concen: 46.784 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

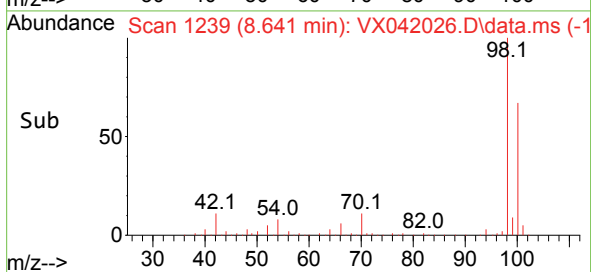
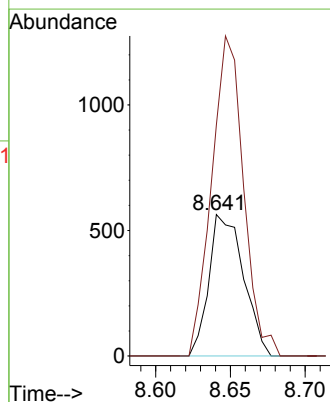
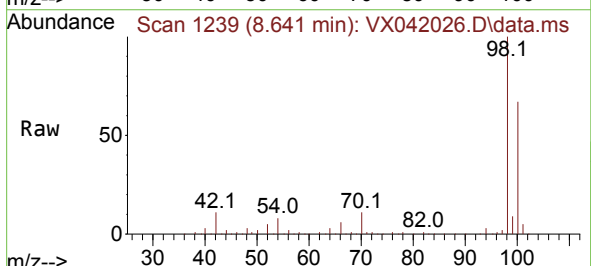
Instrument :
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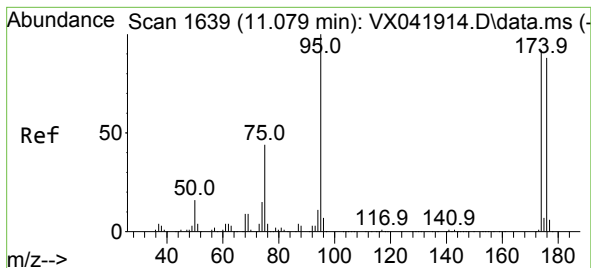
Tgt Ion: 98 Resp: 265080
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.384 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 209.1 30.4 45.6#

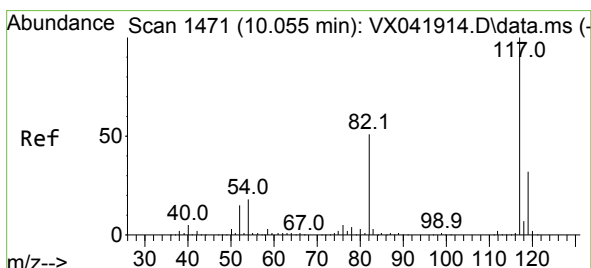
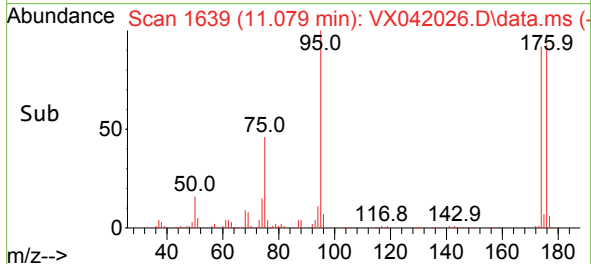
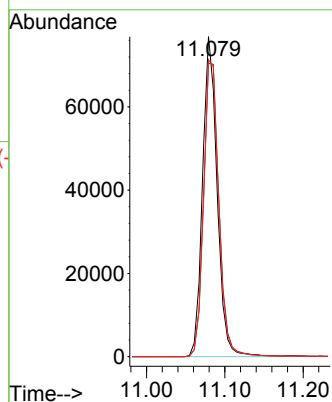
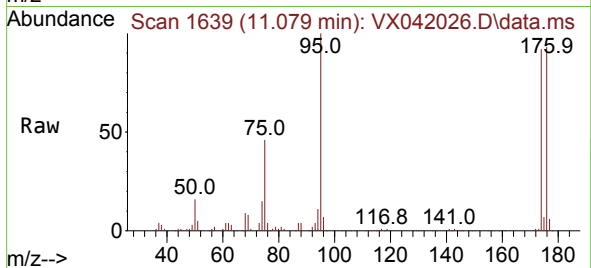




#62
4-Bromofluorobenzene
Concen: 47.477 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

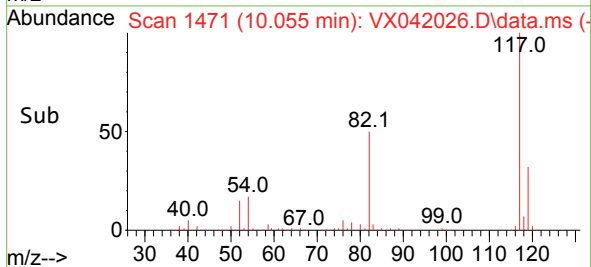
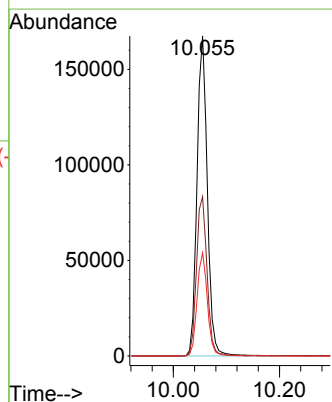
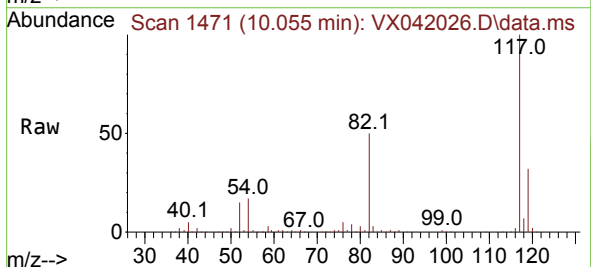
Instrument :
MSVOA_X
ClientSampleId :
TB-20240624

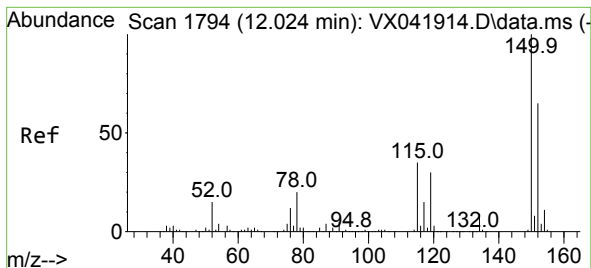
Tgt Ion: 95 Resp: 99164
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 96.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion: 117 Resp: 225833
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.2 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: VX042026.D

Acq: 25 Jun 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

TB-20240624

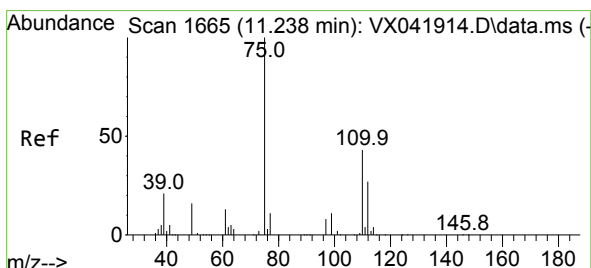
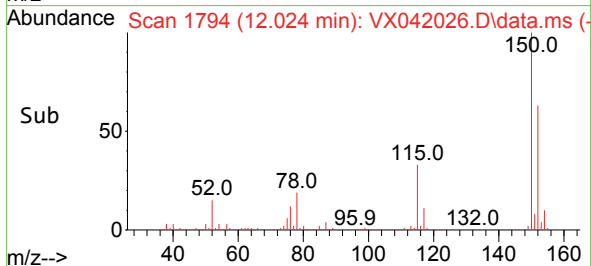
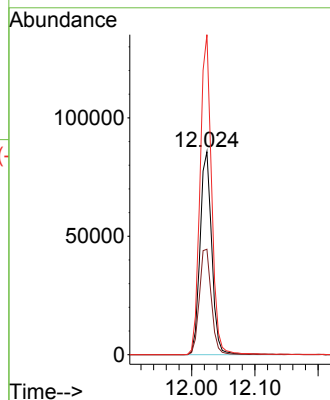
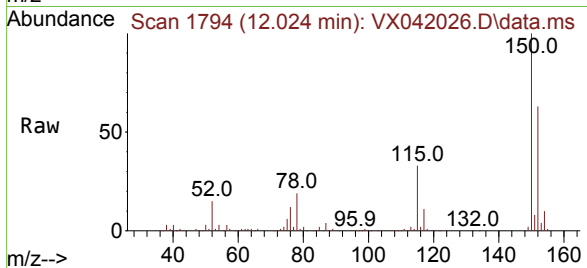
Tgt Ion:152 Resp: 110377

Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.492 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042026.D

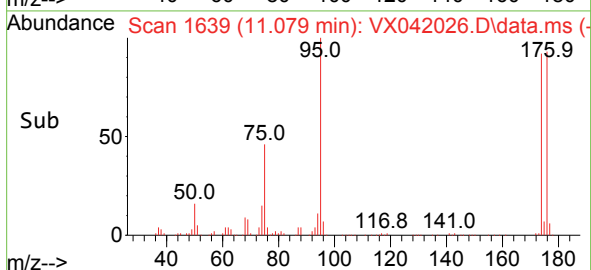
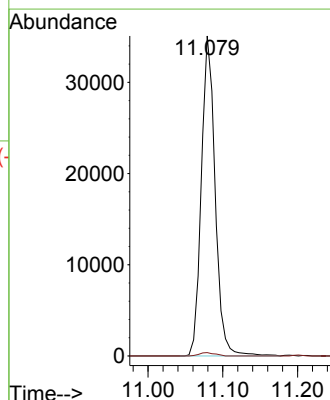
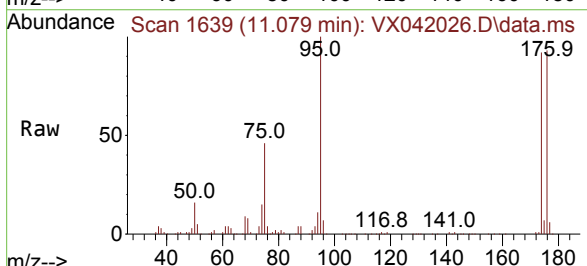
Acq: 25 Jun 2024 12:49

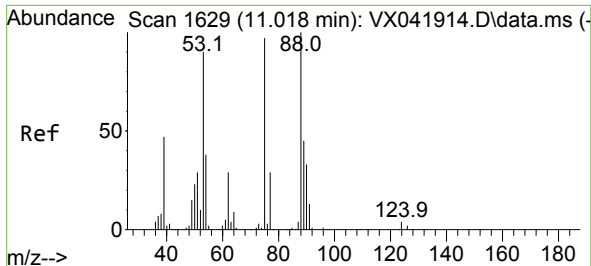
Tgt Ion: 75 Resp: 45070

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

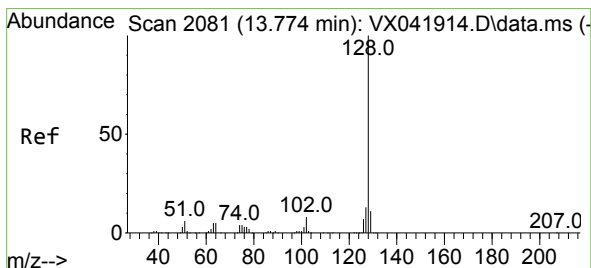
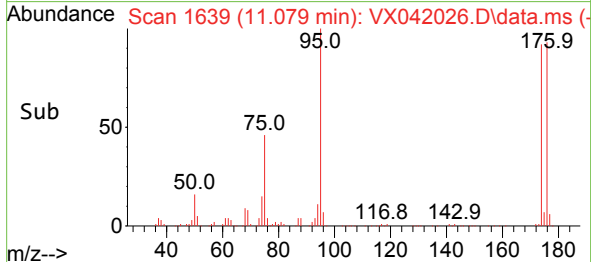
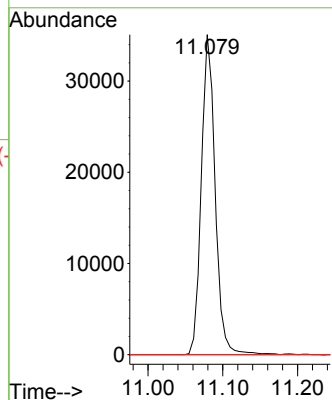
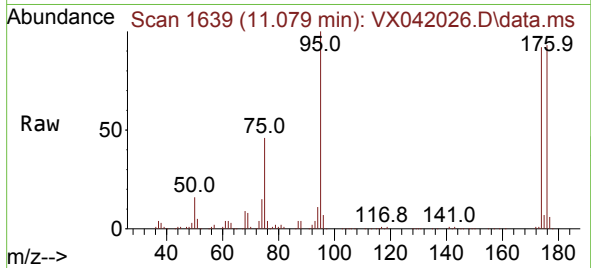




#81
trans-1,4-Dichloro-2-butene
Concen: 63.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
TB-20240624

Tgt Ion: 75 Resp: 45070
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.802 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion: 128 Resp: 431
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

