

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040481.D
 Acq On : 27 Feb 2024 11:58
 Operator : JC/MD
 Sample : P1594-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB07-20240222

Quant Time: Feb 28 02:01:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

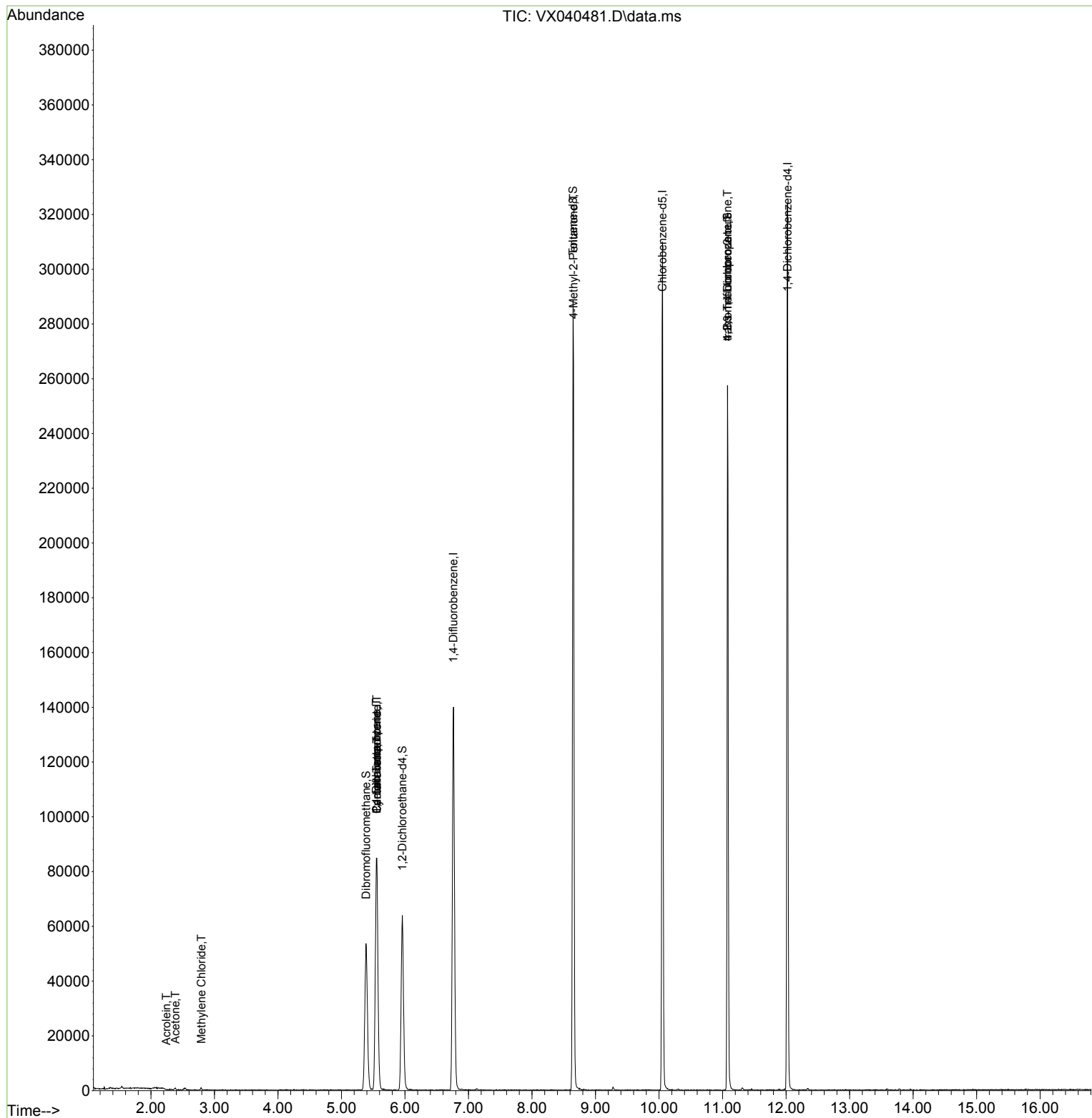
Internal Standards						
1) Pentafluorobenzene	5.556	168	75055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62163	49.519	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.040%
35) Dibromofluoromethane	5.385	113	44388	48.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.647	98	164046	49.360	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	63323	49.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	46	0.340	ug/l #	14
16) Acetone	2.386	43	638	1.558	ug/l #	81
20) Methylene Chloride	2.794	84	353	0.360	ug/l #	64
31) Cyclohexane	5.556	56	2059	1.448	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	6692	4.744	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8190	6.010	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	930	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37732	26.852	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37732	77.954	ug/l #	5

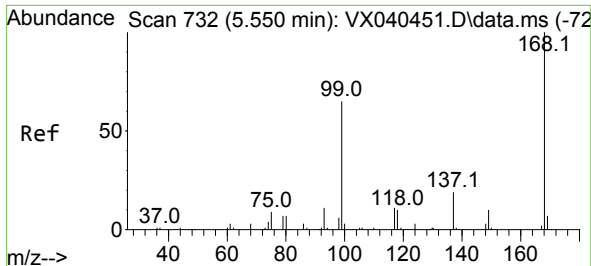
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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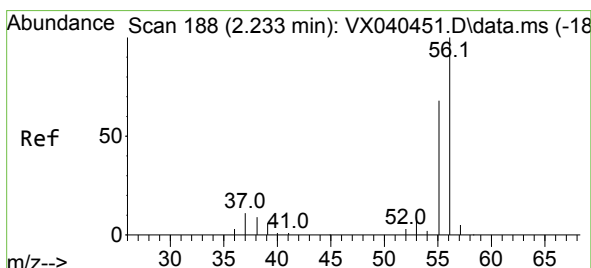
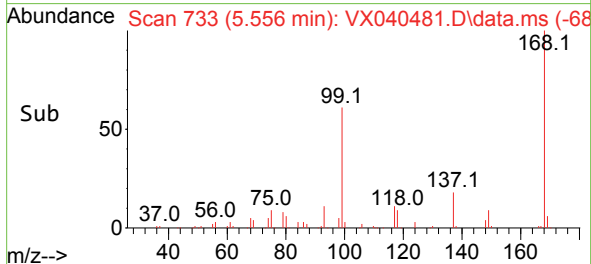
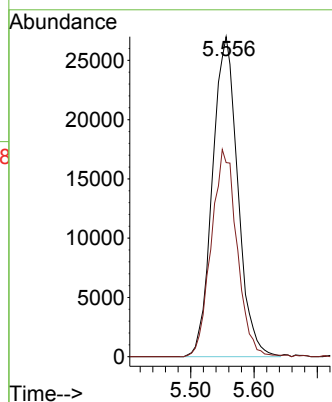
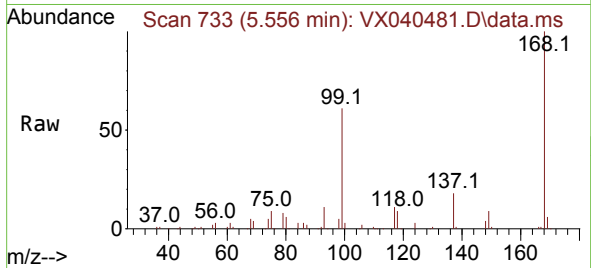




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

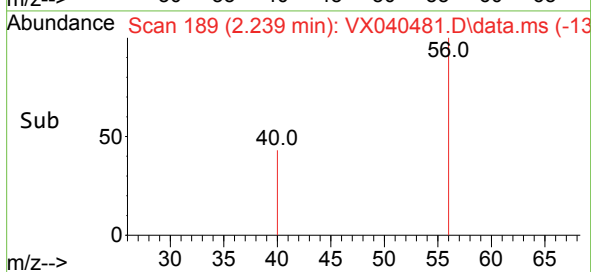
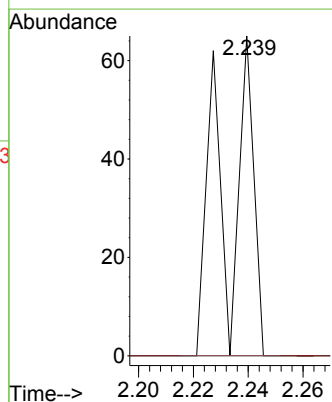
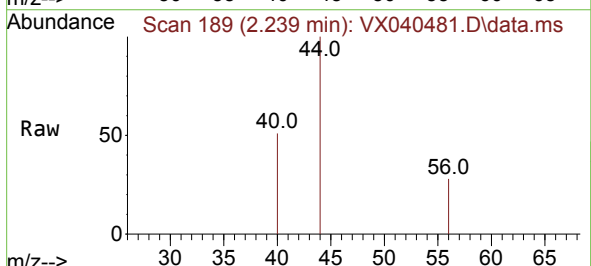
Instrument :
MSVOA_X
ClientSampleId :
TB07-20240222

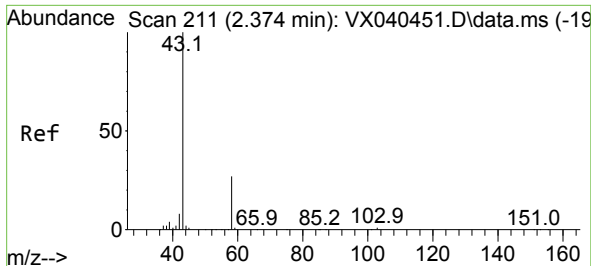
Tgt Ion:168 Resp: 75055
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#13
Acrolein
Concen: 0.340 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#





#16

Acetone

Concen: 1.558 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX040481.D

Acq: 27 Feb 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

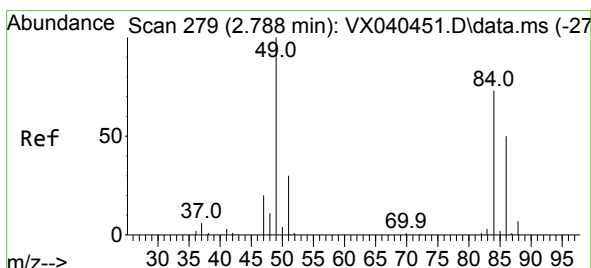
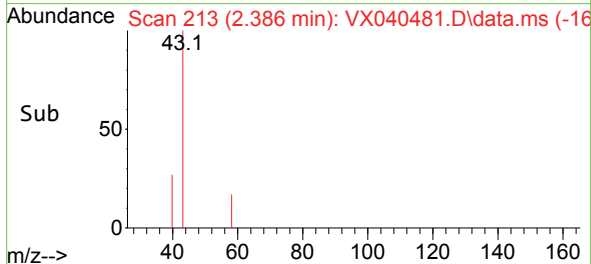
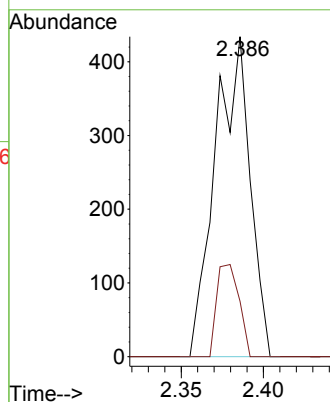
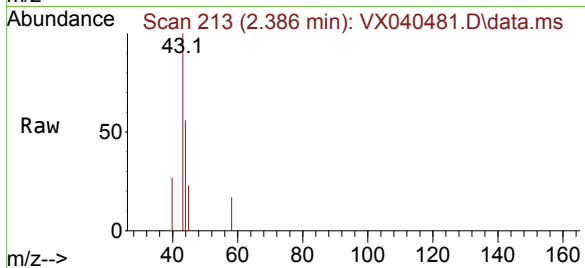
TB07-20240222

Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 17.3 21.9 32.9#



#20

Methylene Chloride

Concen: 0.360 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040481.D

Acq: 27 Feb 2024 11:58

Tgt Ion: 84 Resp: 353

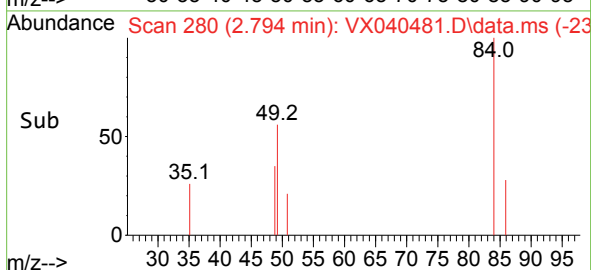
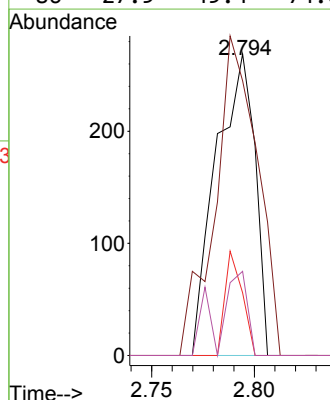
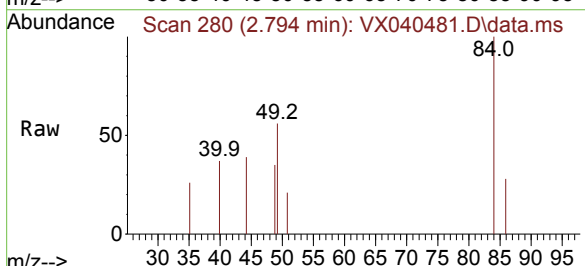
Ion Ratio Lower Upper

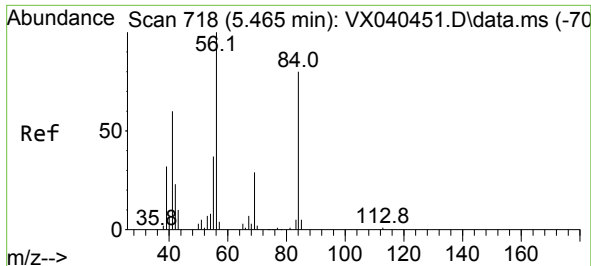
84 100

49 91.1 103.6 155.4#

51 20.8 33.8 50.6#

86 27.9 49.4 74.0#

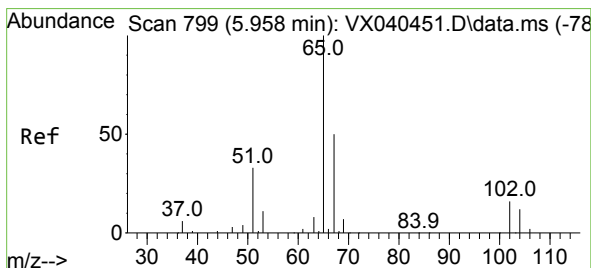
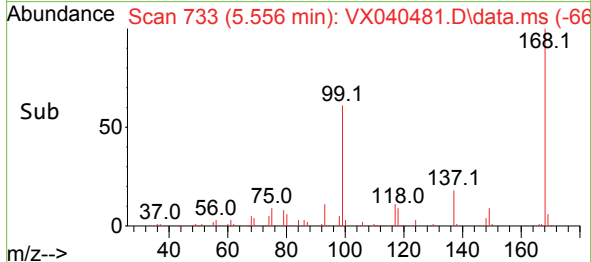
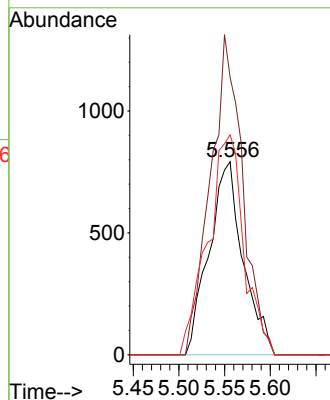
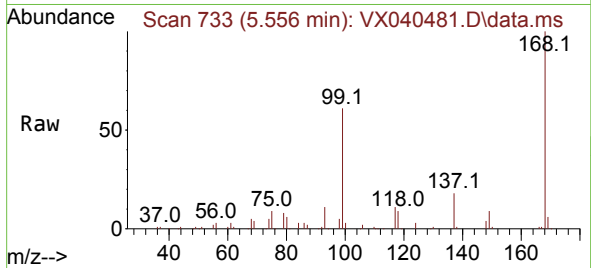




#31
Cyclohexane
Concen: 1.448 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

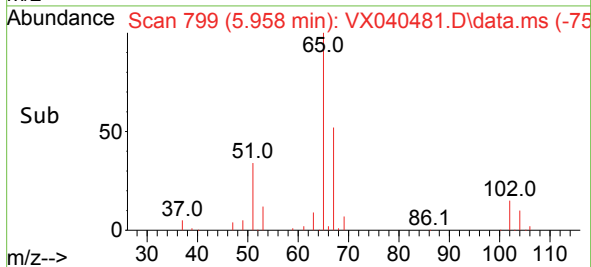
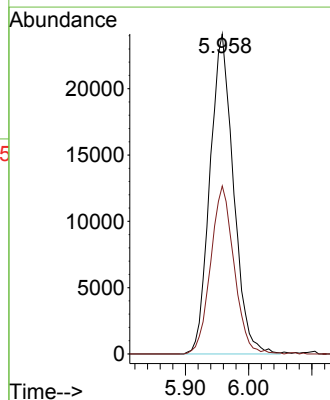
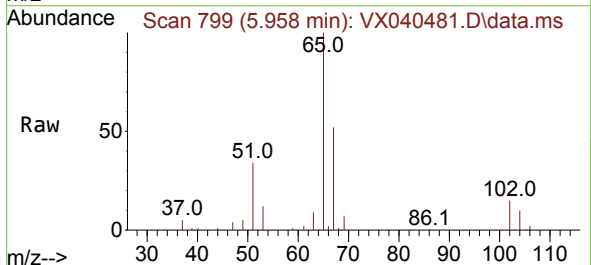
Instrument :
MSVOA_X
ClientSampleId :
TB07-20240222

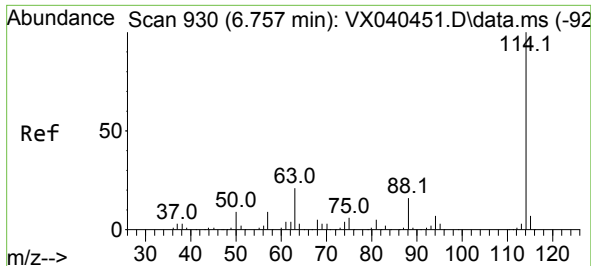
Tgt Ion: 56 Resp: 2059
Ion Ratio Lower Upper
56 100
69 143.7 23.4 35.2#
84 113.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.519 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

Tgt Ion: 65 Resp: 62163
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

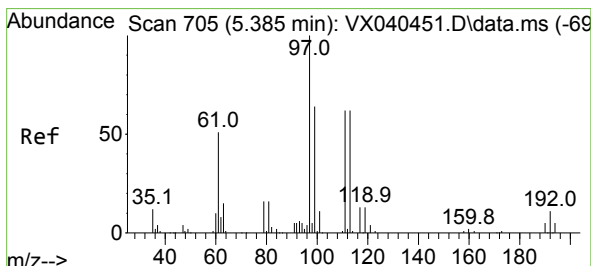
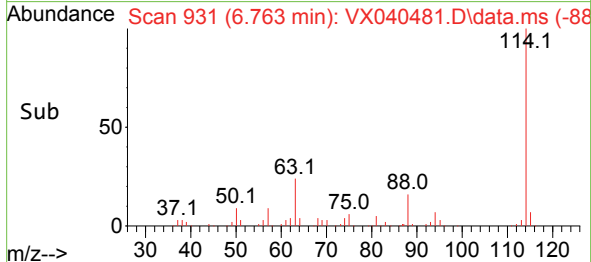
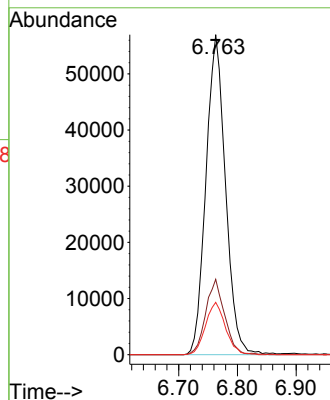
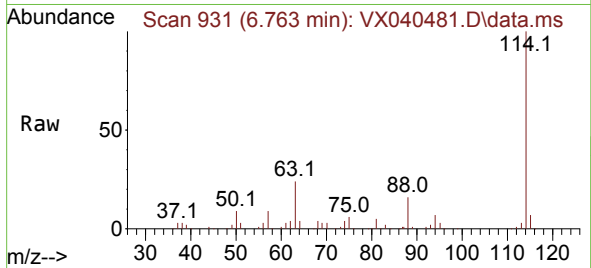




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

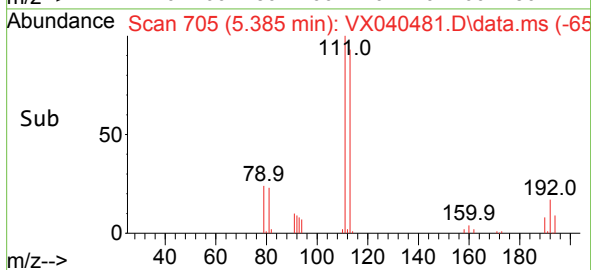
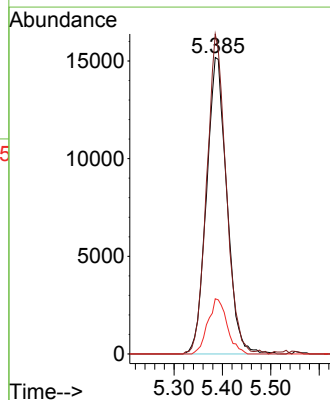
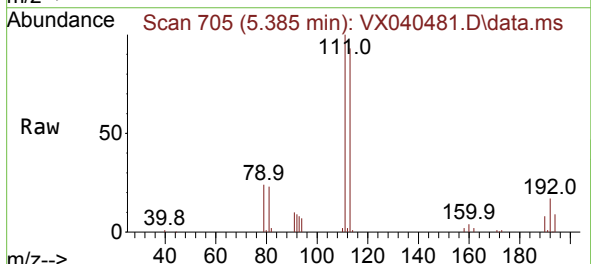
Instrument :
MSVOA_X
ClientSampleId :
TB07-20240222

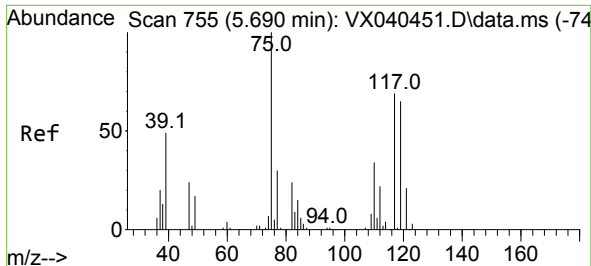
Tgt Ion:114 Resp: 131664
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.481 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

Tgt Ion:113 Resp: 44388
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.5 13.3 19.9

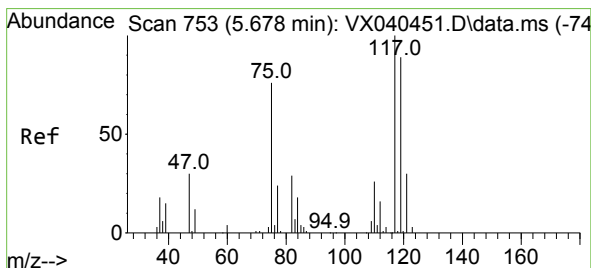
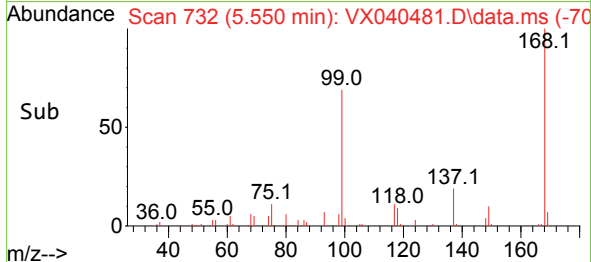
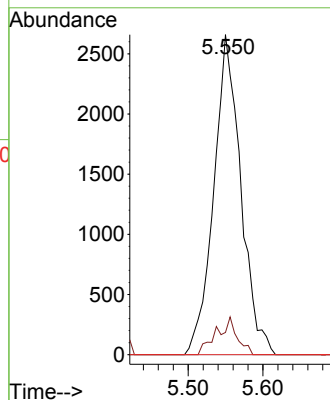
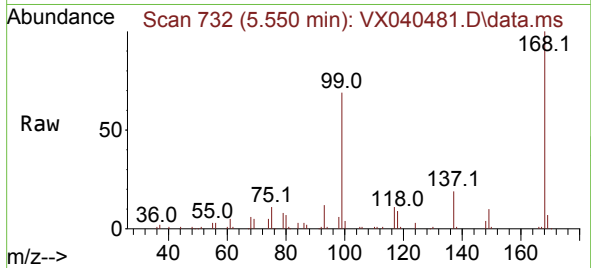




#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

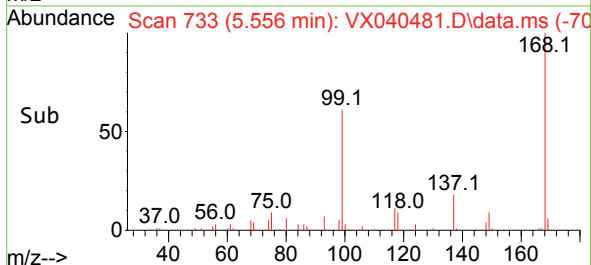
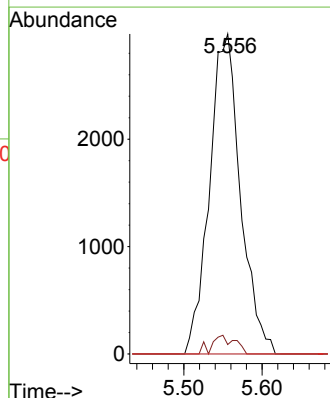
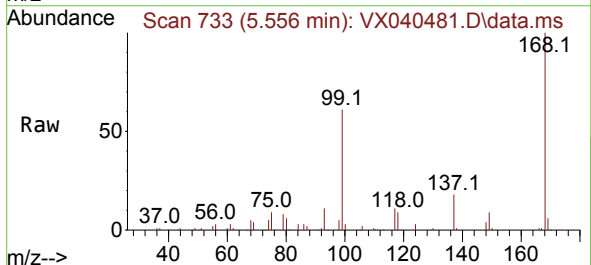
Instrument :
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ClientSampleId :
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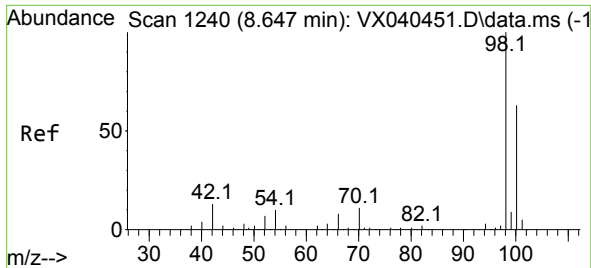
Tgt Ion: 75 Resp: 6692
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.010 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

Tgt Ion: 117 Resp: 8190
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#

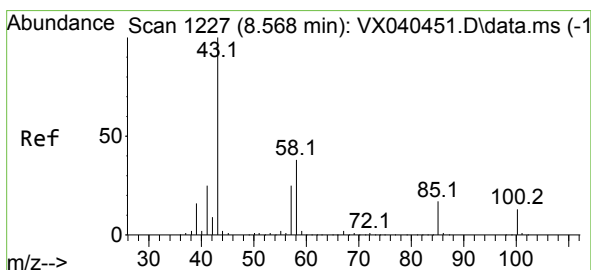
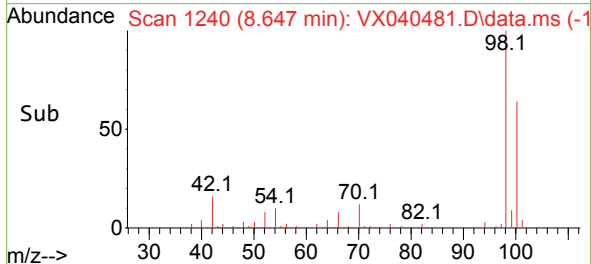
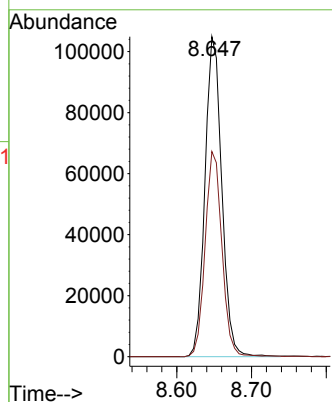
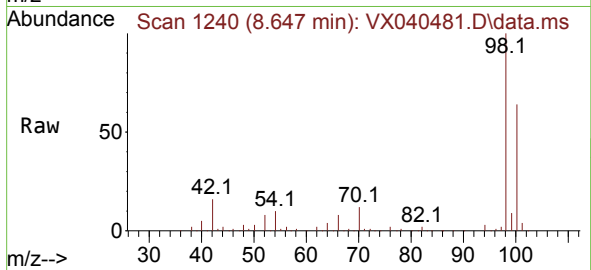




#50
Toluene-d8
Concen: 49.360 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

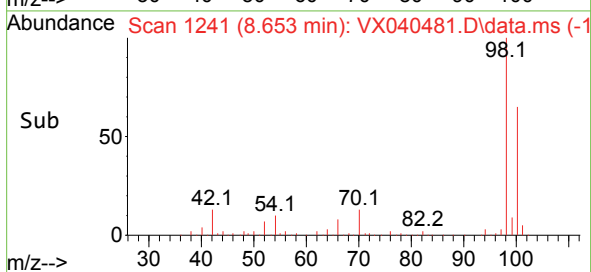
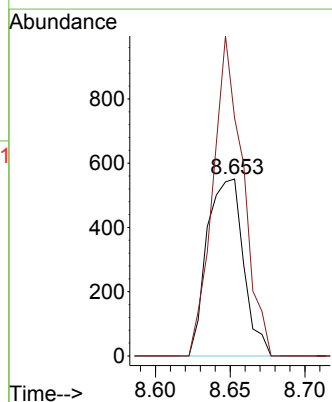
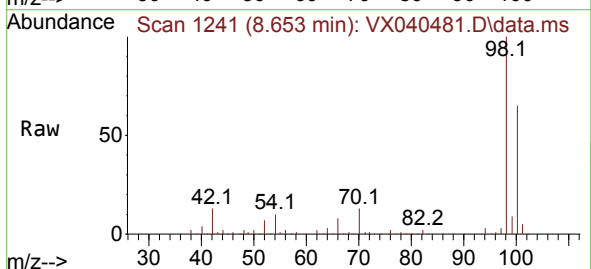
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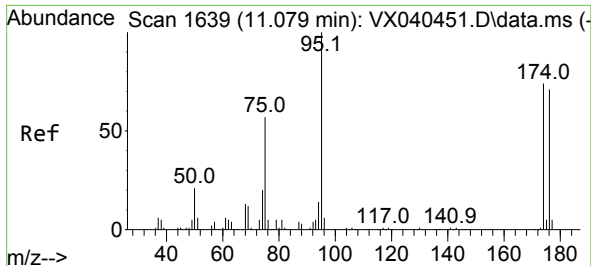
Tgt Ion: 98 Resp: 164046
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.085 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
58 149.4 30.4 45.6#

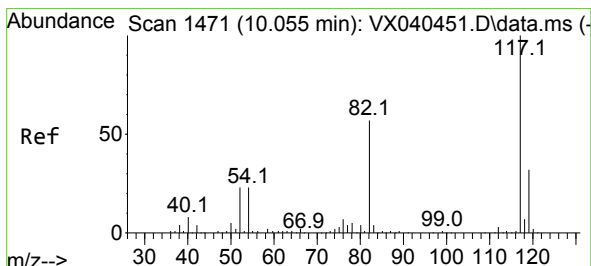
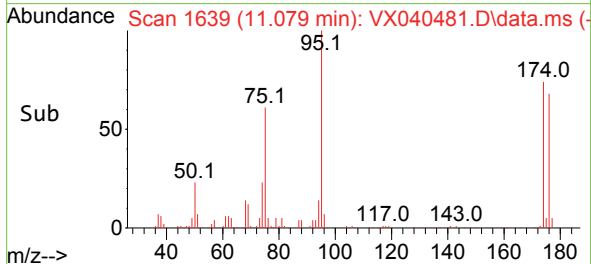
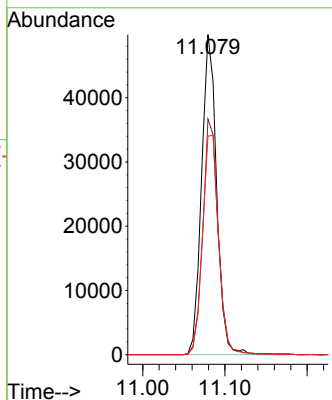
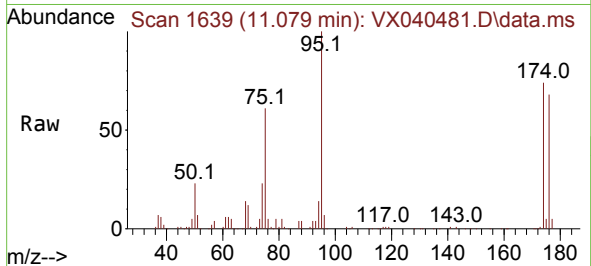




#62
4-Bromofluorobenzene
Concen: 49.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

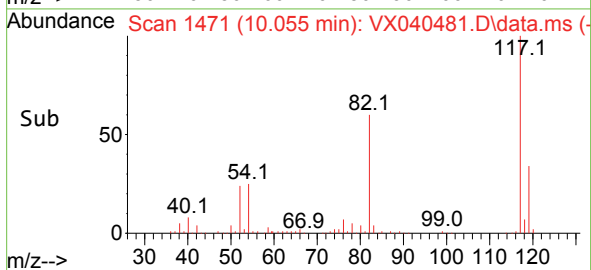
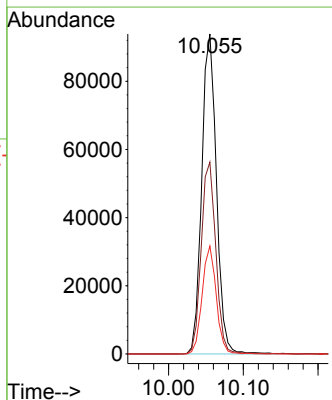
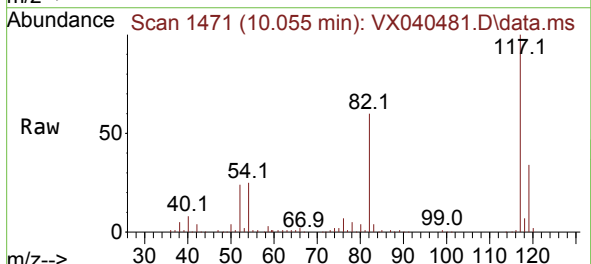
Instrument :
MSVOA_X
ClientSampleId :
TB07-20240222

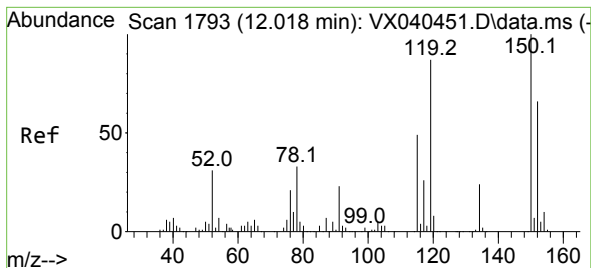
Tgt Ion: 95 Resp: 63323
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 73.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040481.D
Acq: 27 Feb 2024 11:58

Tgt Ion: 117 Resp: 128083
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 33.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040481.D

Acq: 27 Feb 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

TB07-20240222

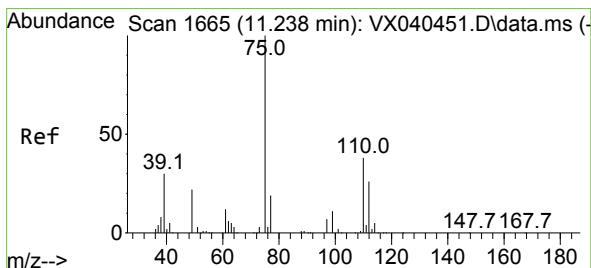
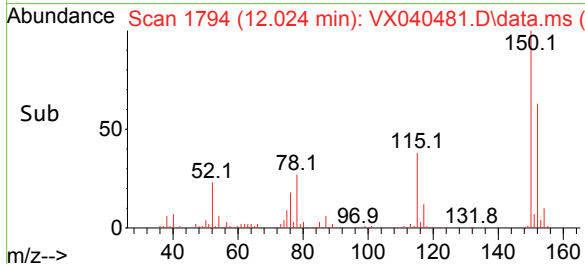
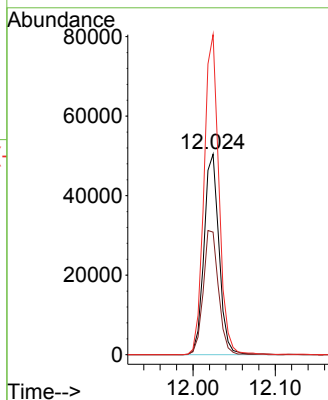
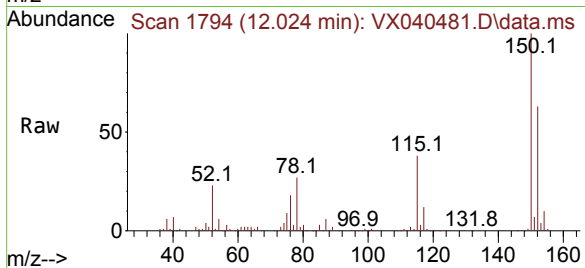
Tgt Ion:152 Resp: 63848

Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 158.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.852 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040481.D

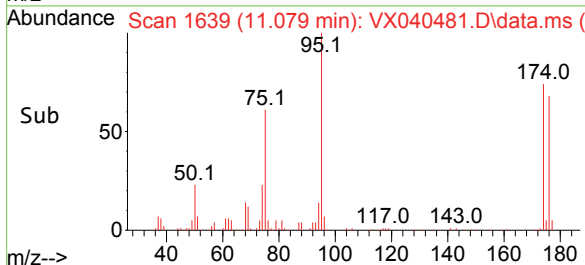
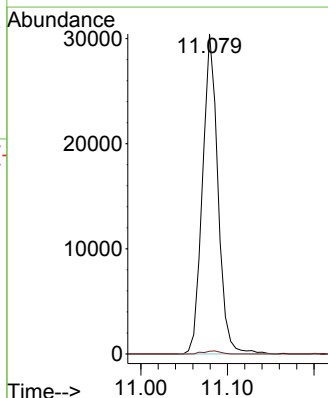
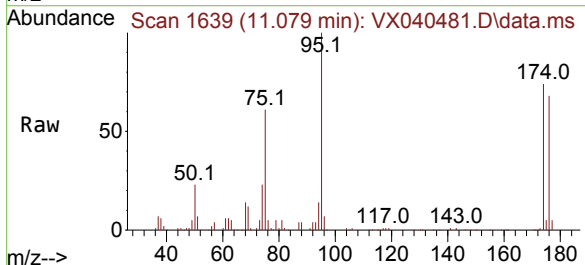
Acq: 27 Feb 2024 11:58

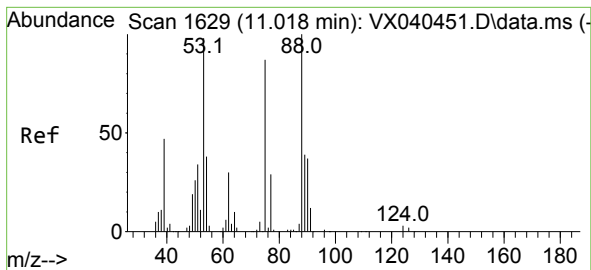
Tgt Ion: 75 Resp: 37732

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.954 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040481.D
 Acq: 27 Feb 2024 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 TB07-20240222

Tgt Ion: 75 Resp: 37732
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

