

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036652.D
 Acq On : 25 Jul 2023 14:30
 Operator : JC/MD
 Sample : 03750-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01

Quant Time: Jul 26 06:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

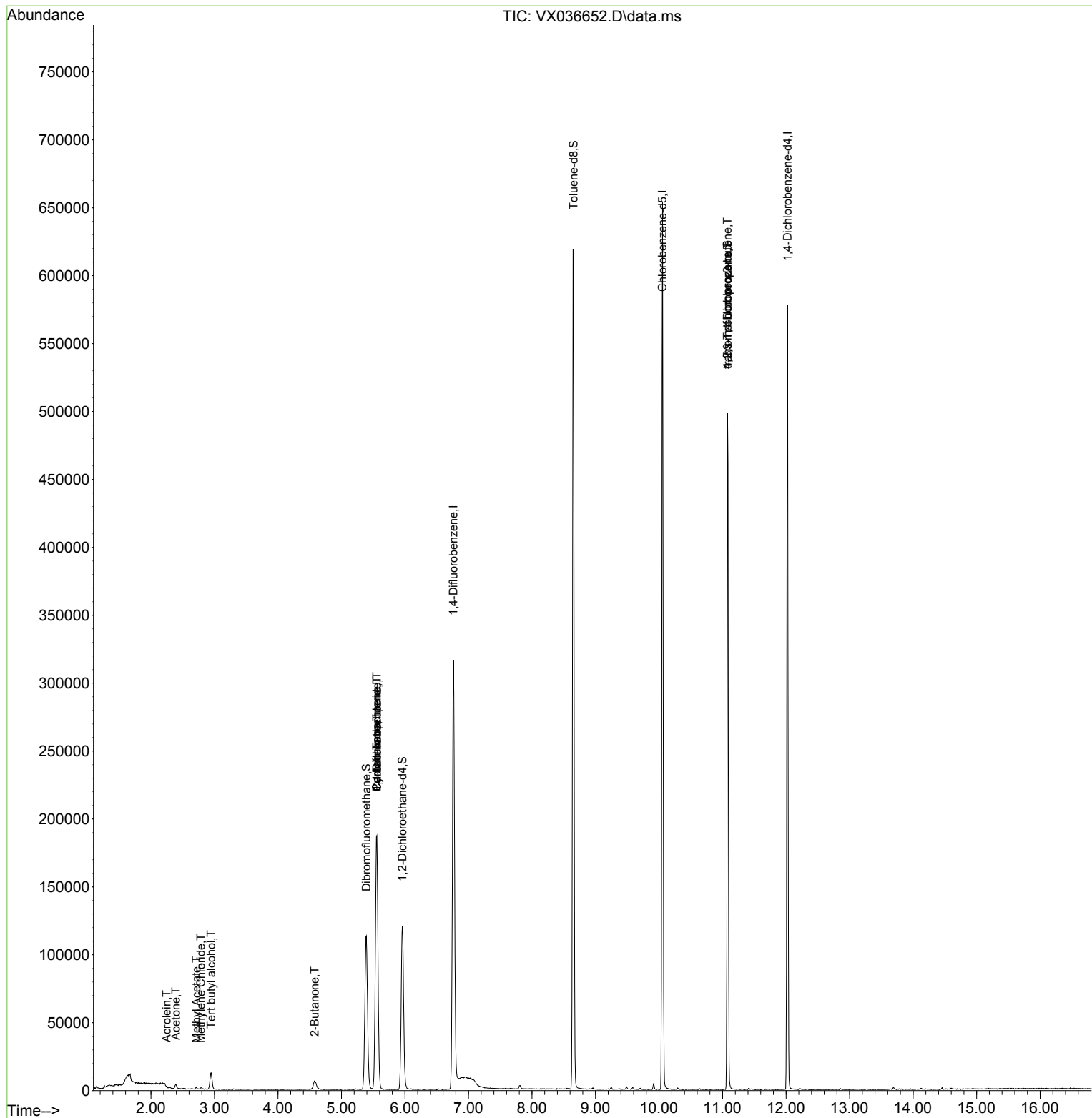
Internal Standards						
1) Pentafluorobenzene	5.556	168	174571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115772	44.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.640%
35) Dibromofluoromethane	5.391	113	99452	46.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.640%
50) Toluene-d8	8.653	98	375476	49.313	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	135544	47.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	7291	11.923	ug/l #	83
13) Acrolein	2.245	56	251	0.719	ug/l #	14
16) Acetone	2.392	43	3451	3.220	ug/l #	79
18) Methyl Acetate	2.715	43	1349	0.299	ug/l	99
20) Methylene Chloride	2.788	84	544	0.228	ug/l #	77
25) 2-Butanone	4.574	43	557	0.320	ug/l #	51
31) Cyclohexane	5.556	56	4050	1.132	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14880	4.650	ug/l #	50
38) Carbon Tetrachloride	5.556	117	18764	5.515	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	70105	24.973	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	70105	56.603	ug/l #	5

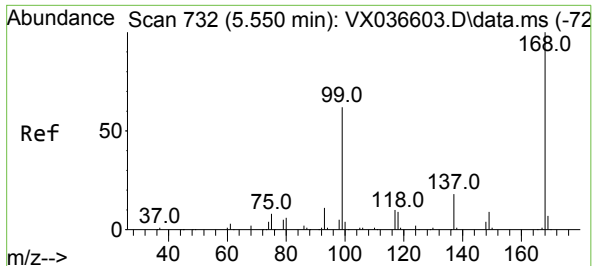
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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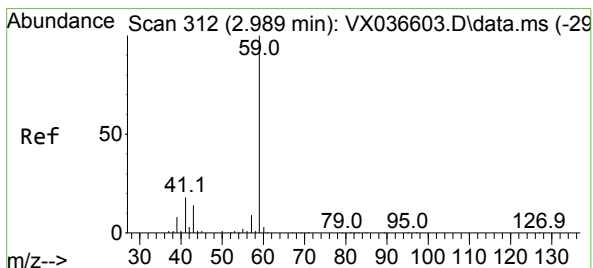
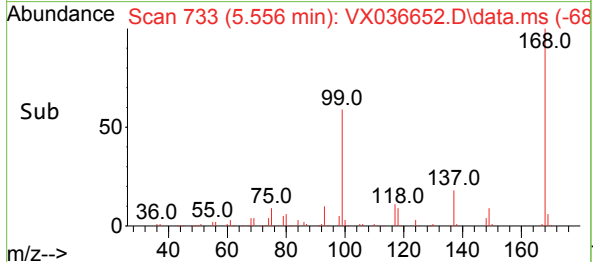
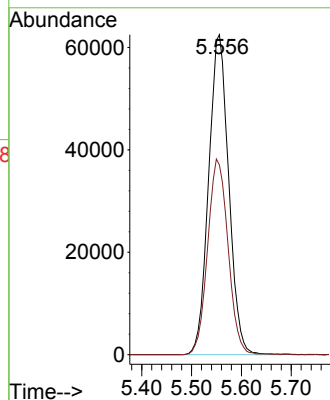
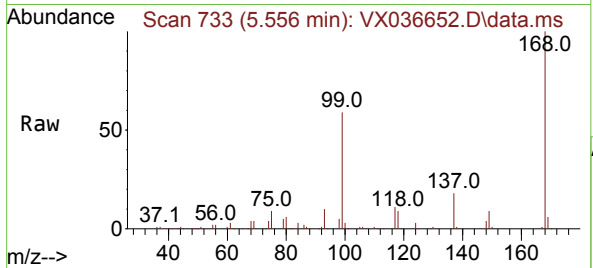




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

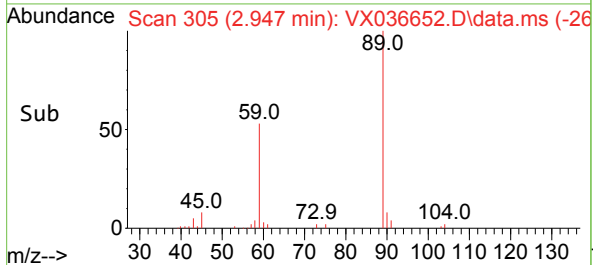
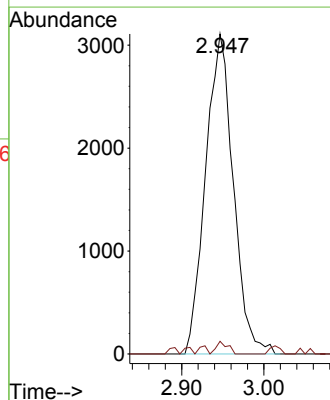
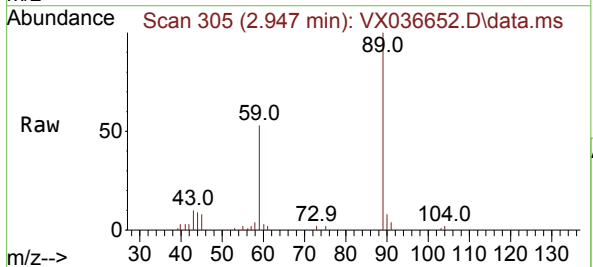
Instrument :
MSVOA_X
ClientSampleId :
TB-01

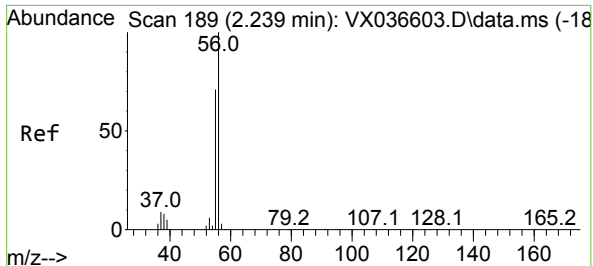
Tgt Ion:168 Resp: 174571
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 11.923 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

Tgt Ion: 59 Resp: 7291
Ion Ratio Lower Upper
59 100
57 1.6 6.0 9.0#





#13

Acrolein

Concen: 0.719 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX036652.D

Acq: 25 Jul 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

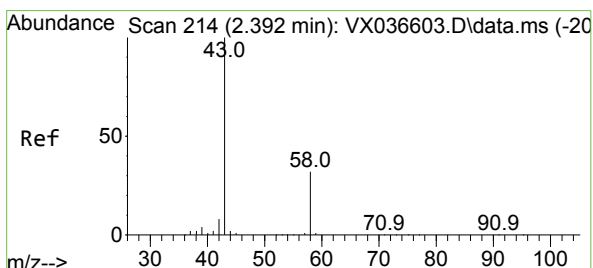
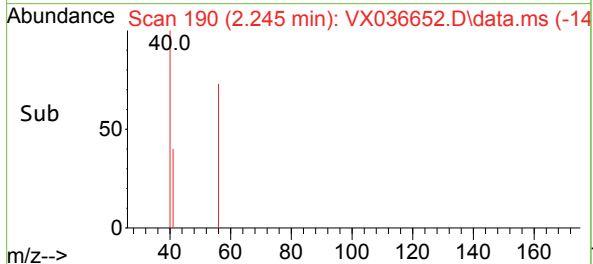
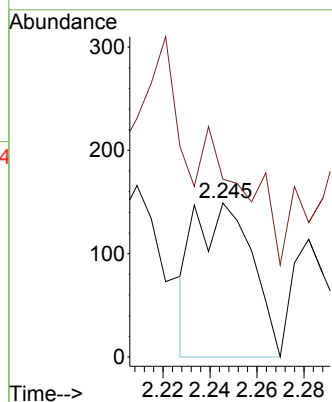
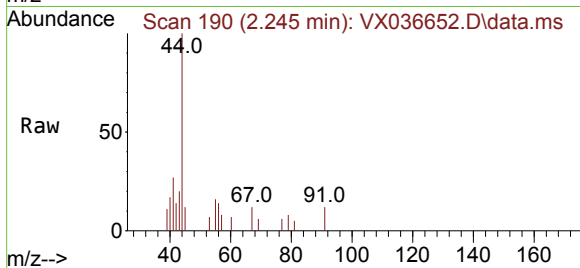
TB-01

Tgt Ion: 56 Resp: 251

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 3.220 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX036652.D

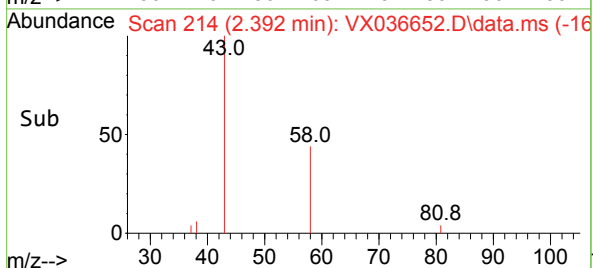
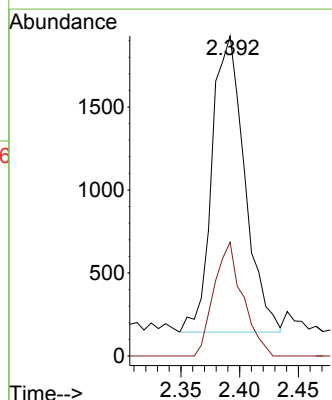
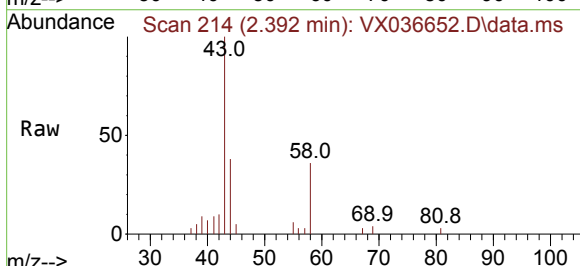
Acq: 25 Jul 2023 14:30

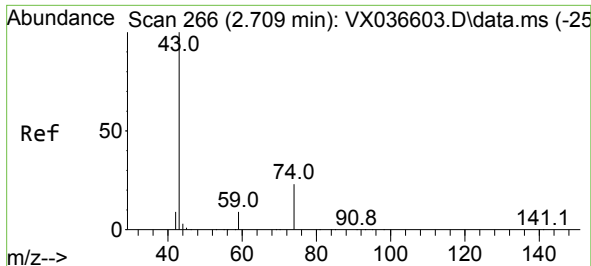
Tgt Ion: 43 Resp: 3451

Ion Ratio Lower Upper

43 100

58 38.4 21.9 32.9#





#18

Methyl Acetate

Concen: 0.299 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX036652.D

Acq: 25 Jul 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

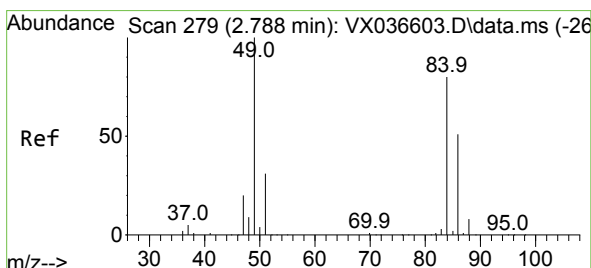
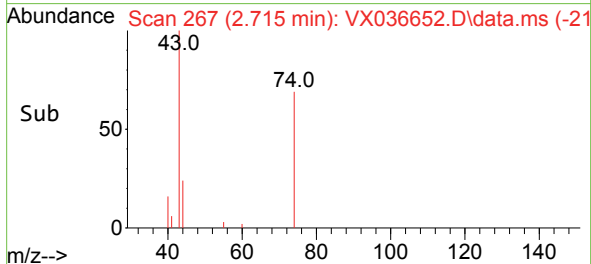
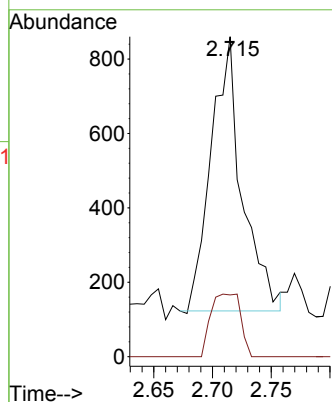
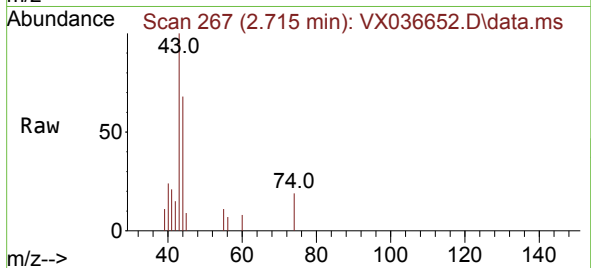
TB-01

Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.8



#20

Methylene Chloride

Concen: 0.228 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036652.D

Acq: 25 Jul 2023 14:30

Tgt Ion: 84 Resp: 544

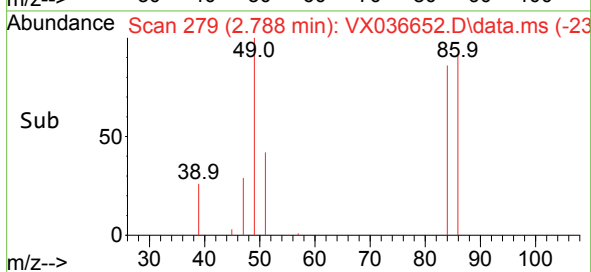
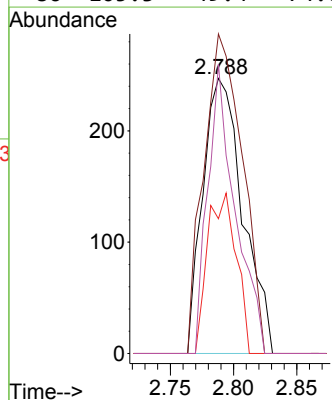
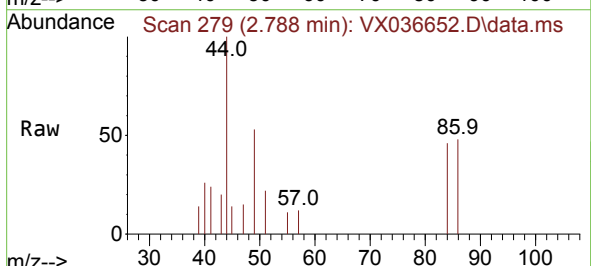
Ion Ratio Lower Upper

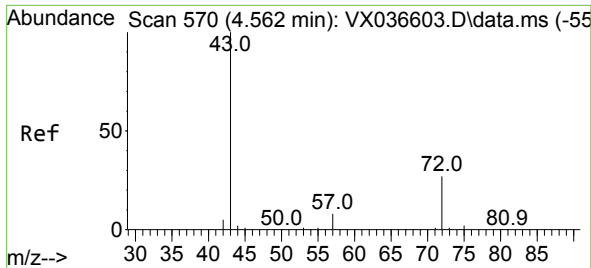
84 100

49 116.2 103.6 155.4

51 49.0 33.8 50.6

86 105.3 49.4 74.0#

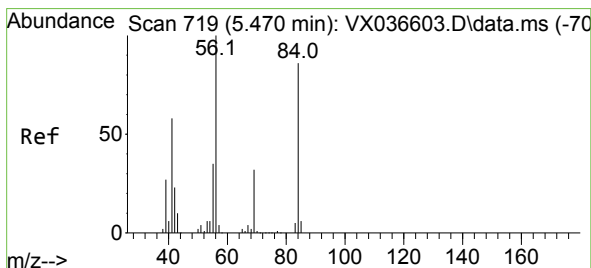
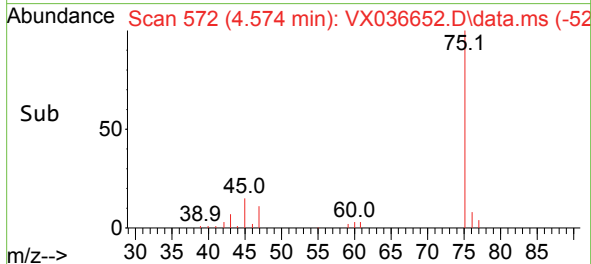
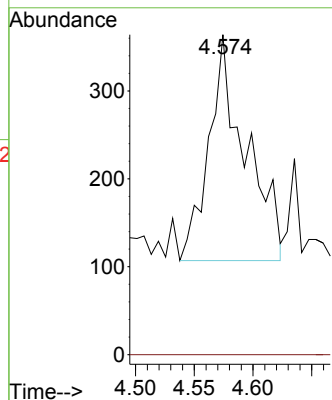
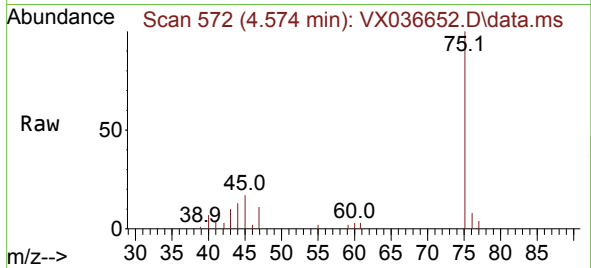




#25
2-Butanone
Concen: 0.320 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

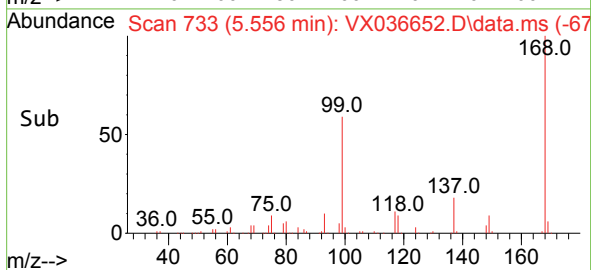
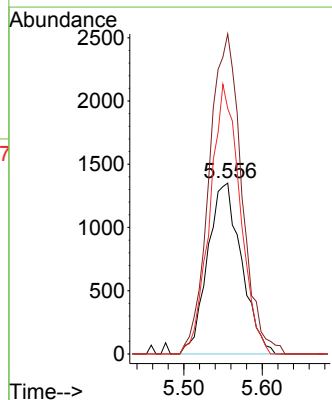
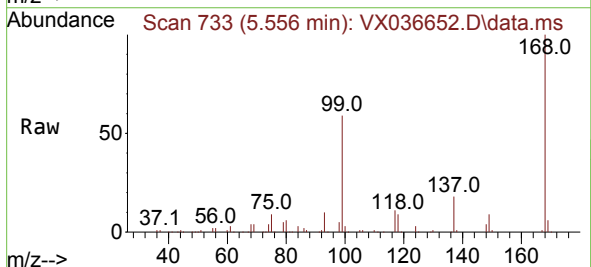
Instrument :
MSVOA_X
ClientSampleId :
TB-01

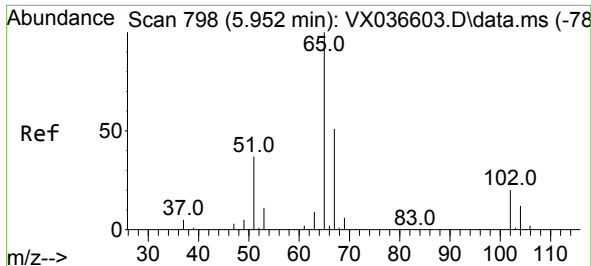
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

Tgt Ion: 56 Resp: 4050
Ion Ratio Lower Upper
56 100
69 187.3 23.4 35.2#
84 143.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.820 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036652.D

Acq: 25 Jul 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

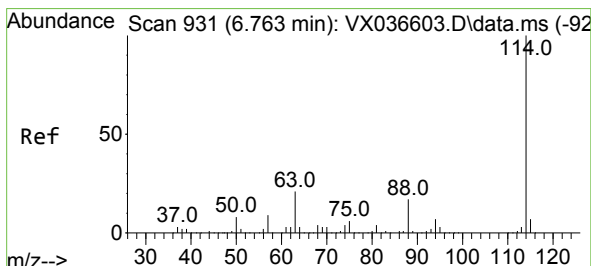
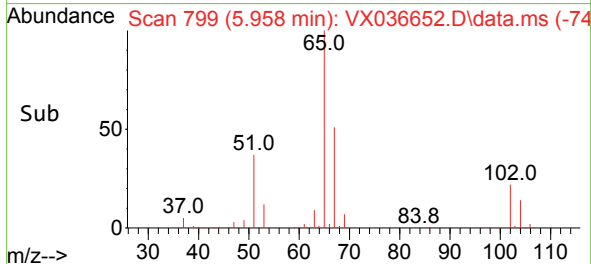
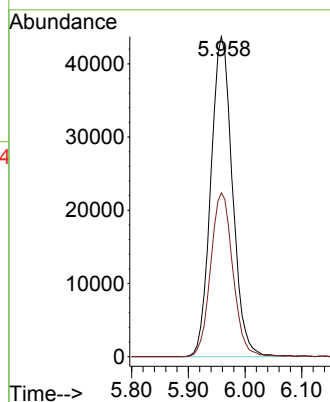
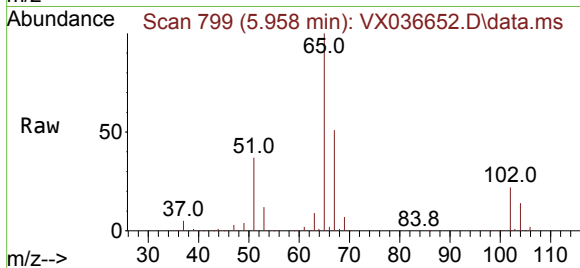
TB-01

Tgt Ion: 65 Resp: 115772

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036652.D

Acq: 25 Jul 2023 14:30

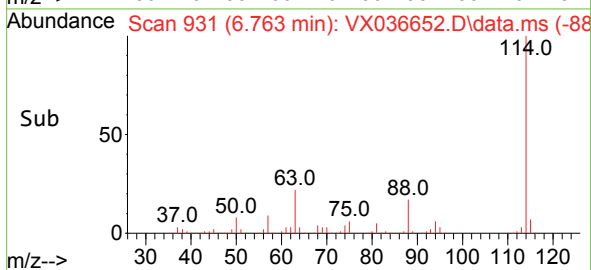
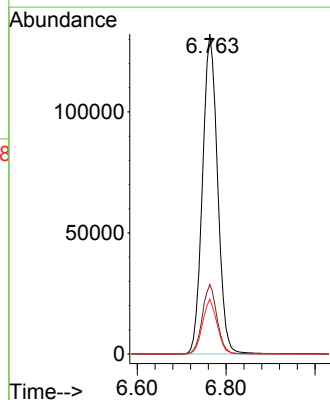
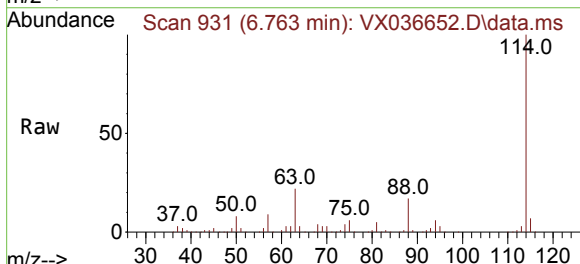
Tgt Ion: 114 Resp: 312380

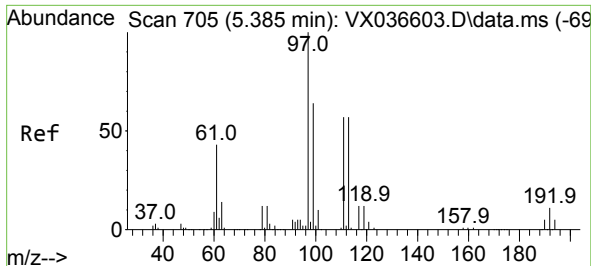
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 17.1 0.0 36.6

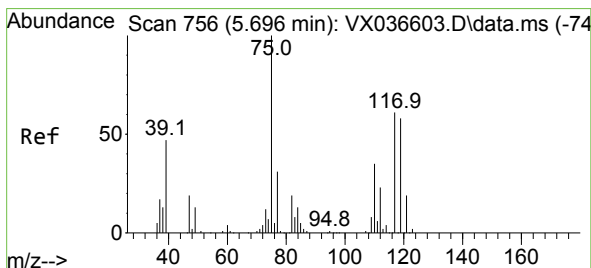
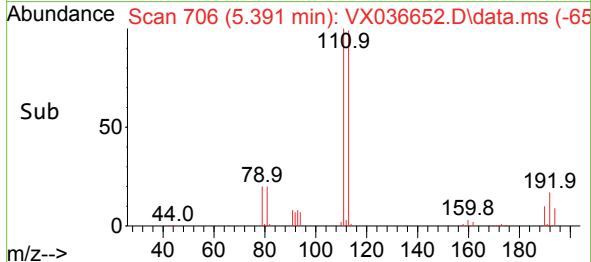
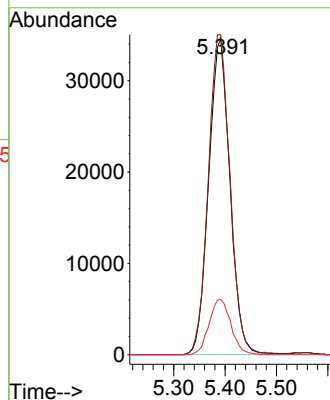
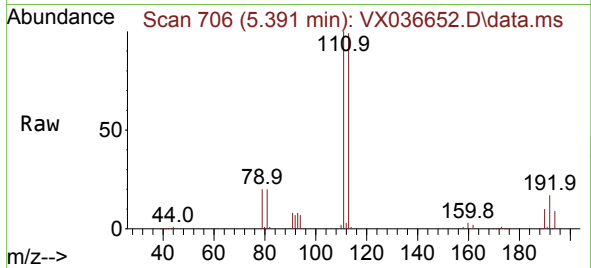




#35
Dibromofluoromethane
Concen: 46.319 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

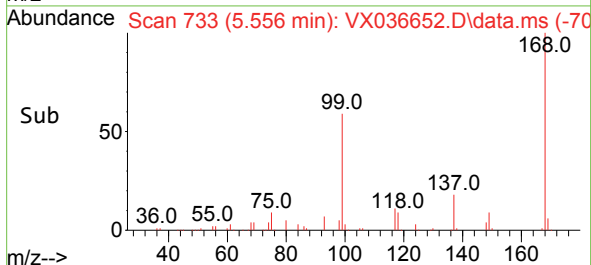
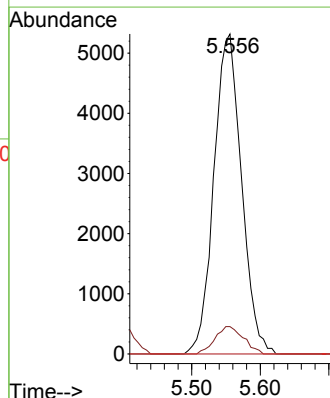
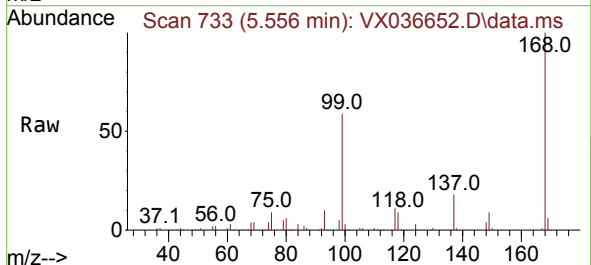
Instrument :
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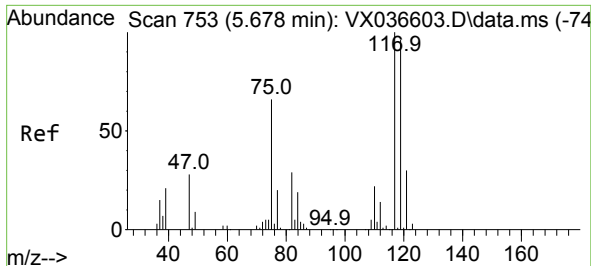
Tgt Ion:113 Resp: 99452
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.650 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

Tgt Ion: 75 Resp: 14880
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#

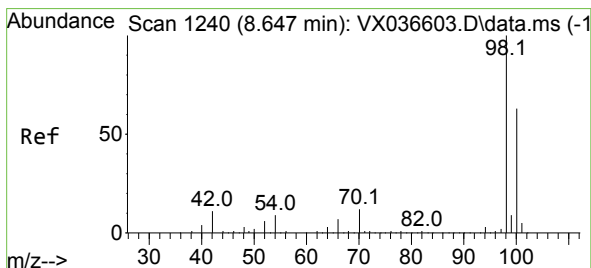
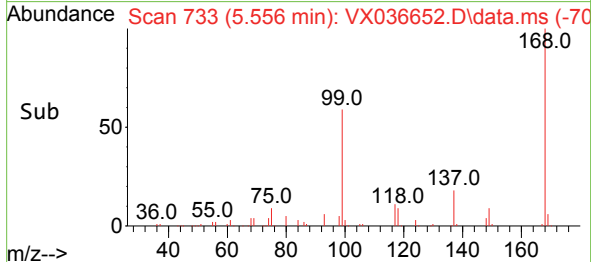
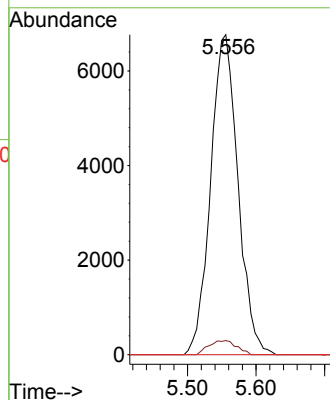
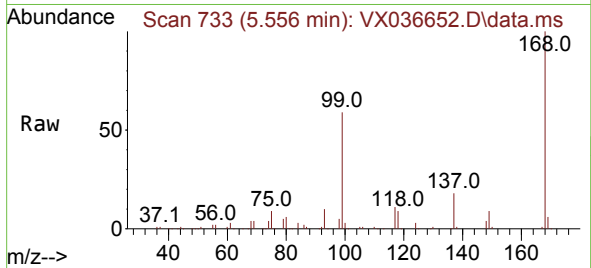




#38
Carbon Tetrachloride
Concen: 5.515 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

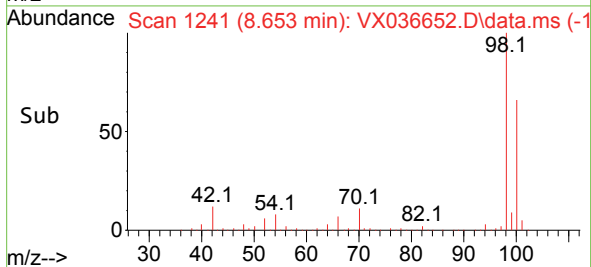
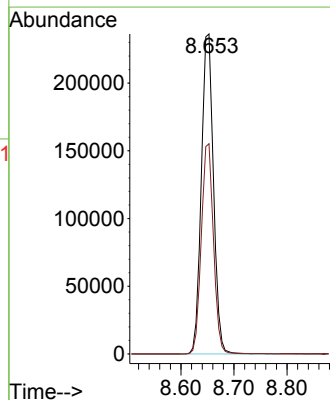
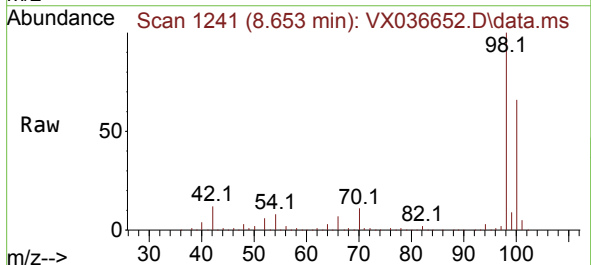
Instrument :
MSVOA_X
ClientSampleId :
TB-01

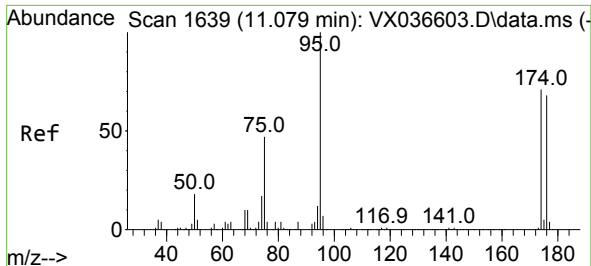
Tgt Ion:117 Resp: 18764
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.313 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

Tgt Ion: 98 Resp: 375476
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

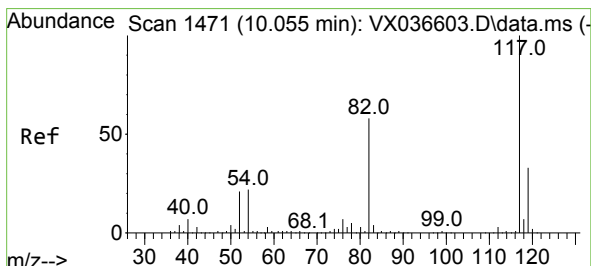
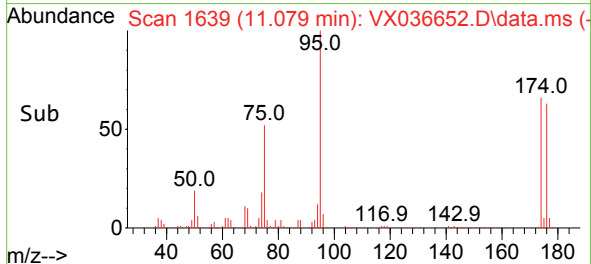
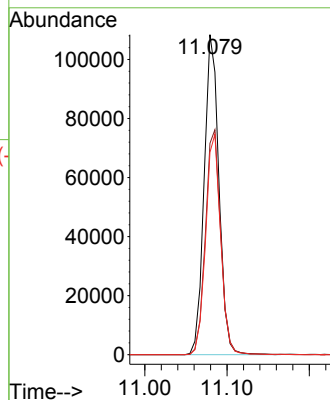
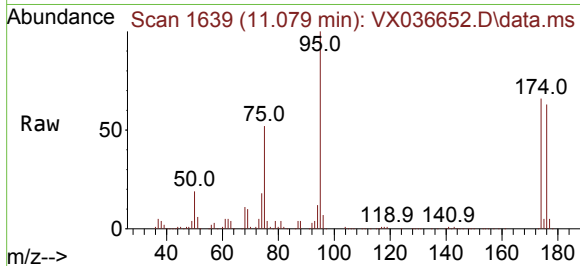




#62
4-Bromofluorobenzene
Concen: 47.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

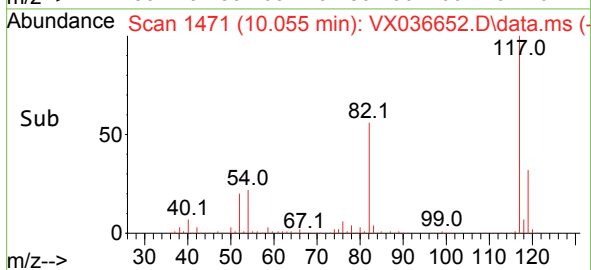
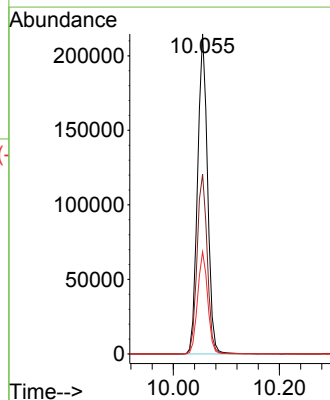
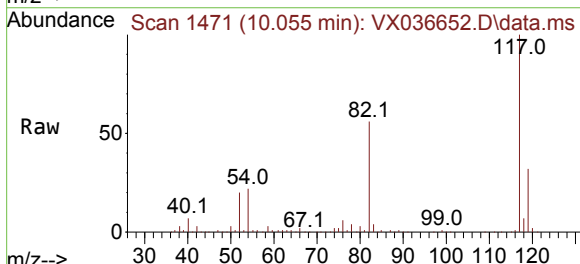
Instrument :
MSVOA_X
ClientSampleId :
TB-01

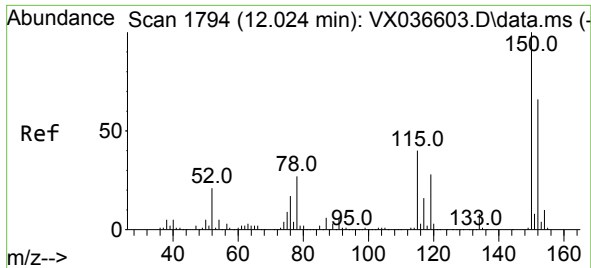
Tgt Ion: 95 Resp: 135544
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 69.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036652.D
Acq: 25 Jul 2023 14:30

Tgt Ion: 117 Resp: 280972
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.9 25.5 38.3

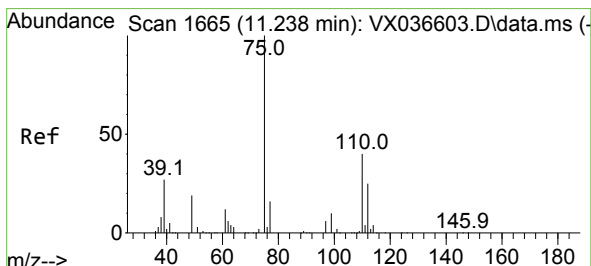
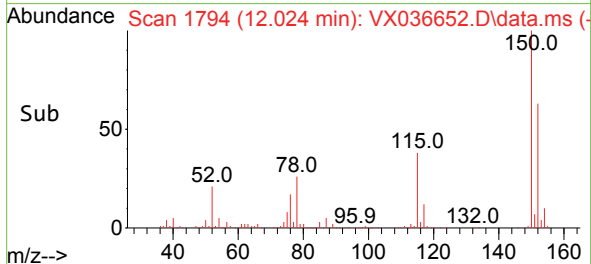
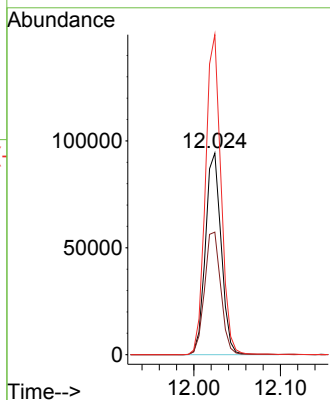
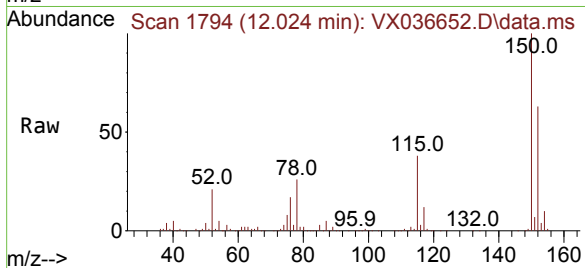




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036652.D
 Acq: 25 Jul 2023 14:30

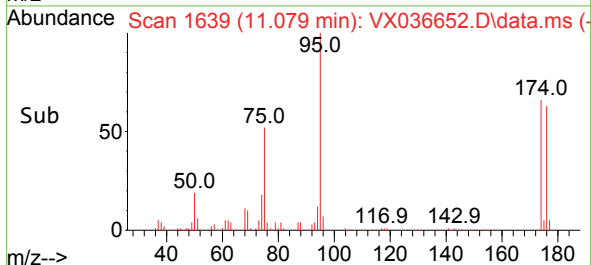
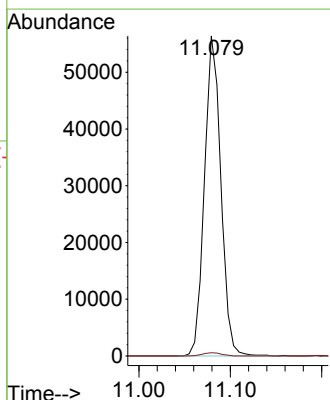
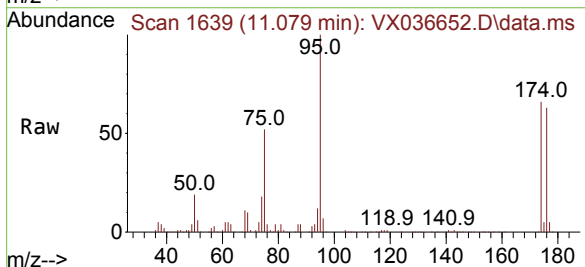
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01

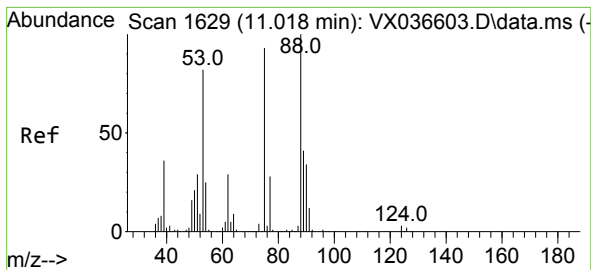
Tgt Ion:152 Resp: 119349
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.973 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036652.D
 Acq: 25 Jul 2023 14:30

Tgt Ion: 75 Resp: 70105
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.603 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036652.D
 Acq: 25 Jul 2023 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01

Tgt Ion: 75 Resp: 70105
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

