

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038399.D
 Acq On : 20 Oct 2023 13:57
 Operator : JC/MD
 Sample : 04986-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-101923

Quant Time: Oct 21 01:39:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

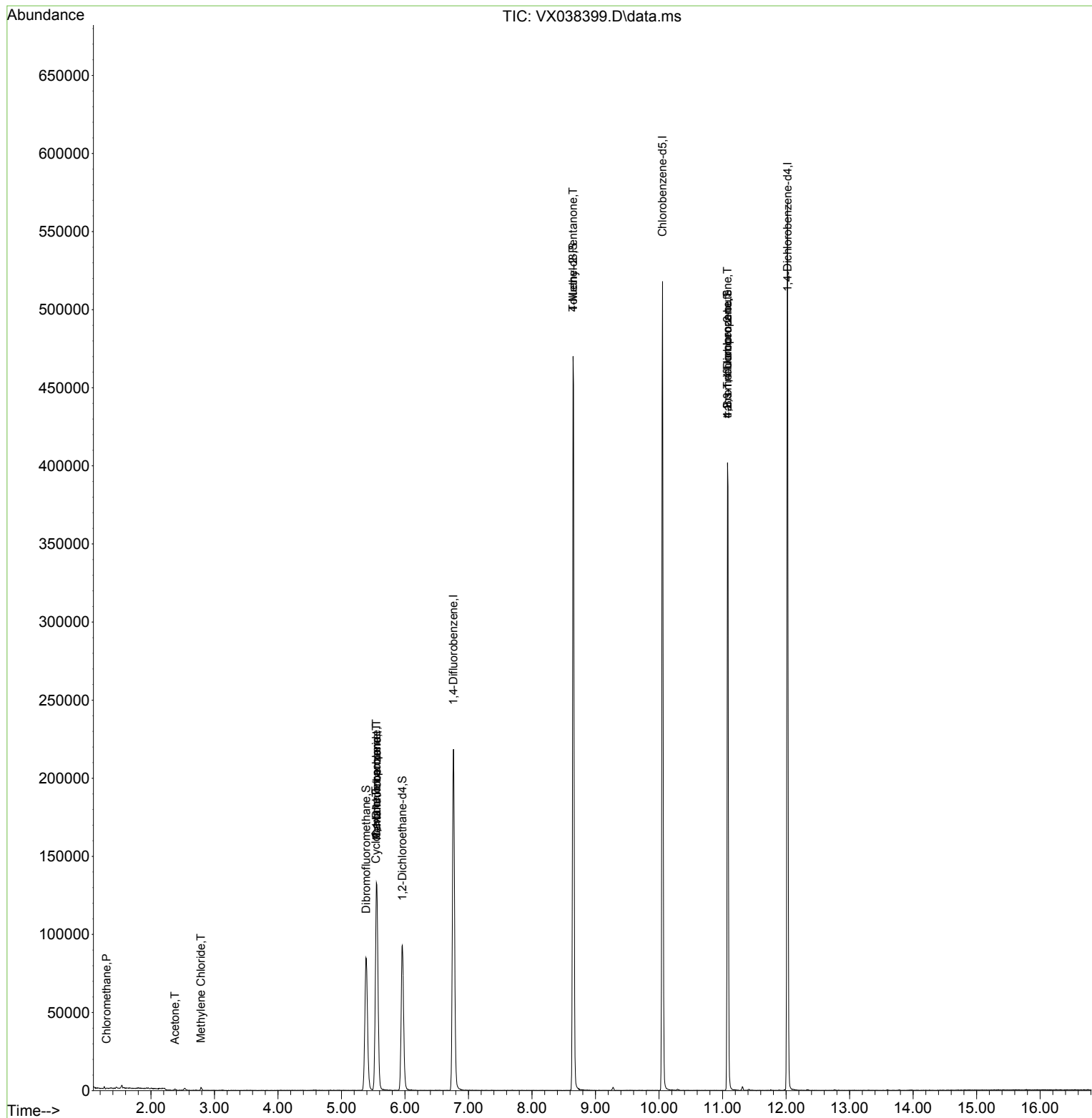
Internal Standards						
1) Pentafluorobenzene	5.556	168	124724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90652	45.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.380%		
35) Dibromofluoromethane	5.385	113	73595	45.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.020%		
50) Toluene-d8	8.647	98	283256	45.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.660%#		
62) 4-Bromofluorobenzene	11.079	95	104031	44.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.800%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	368	0.300	ug/l	89
5) Bromomethane	1.617	94	24	Below Cal	#	3
6) Chloroethane	1.660	64	22	Below Cal	#	43
16) Acetone	2.380	43	937	1.119	ug/l	94
20) Methylene Chloride	2.788	84	696	0.442	ug/l #	66
31) Cyclohexane	5.544	56	2854	1.313	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	10305	4.621	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12918	5.888	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1127	0.413	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56586	21.311	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56586	61.240	ug/l #	5

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

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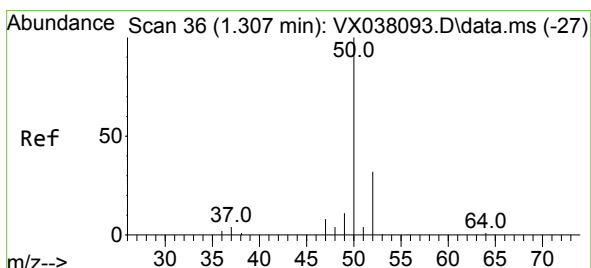
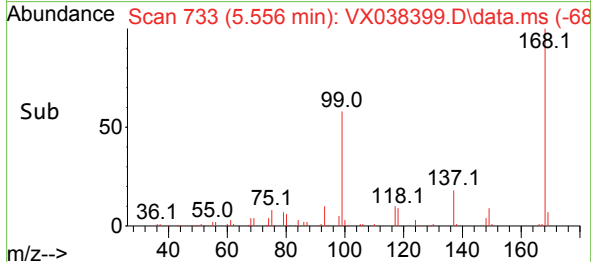
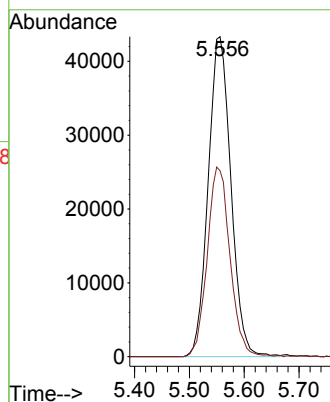
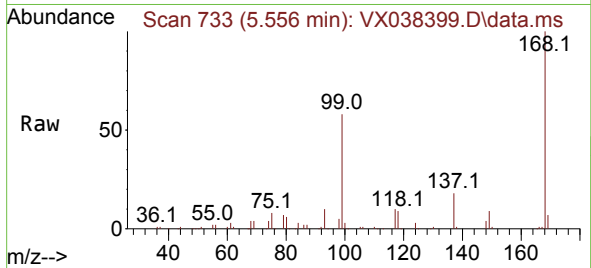




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

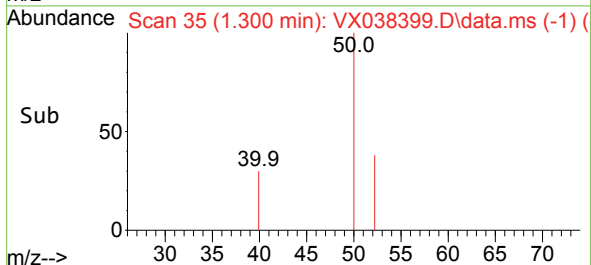
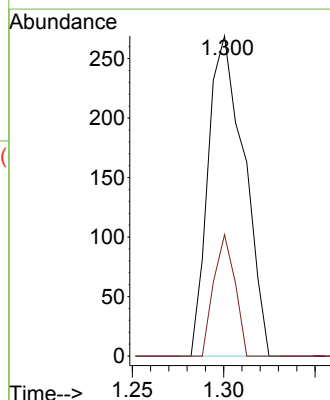
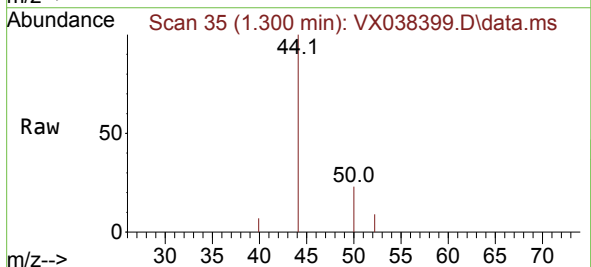
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101923

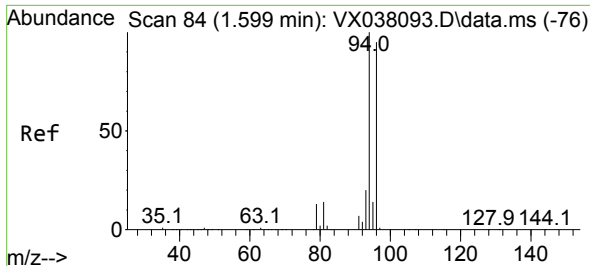
Tgt Ion:168 Resp: 124724
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#3
Chloromethane
Concen: 0.300 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 37.9 25.5 38.3

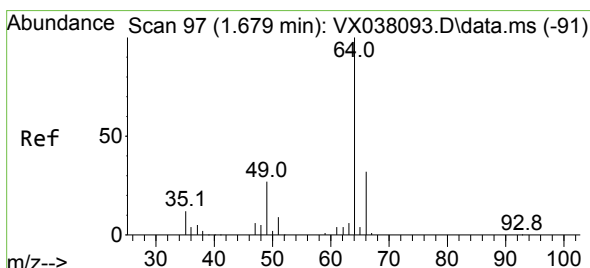
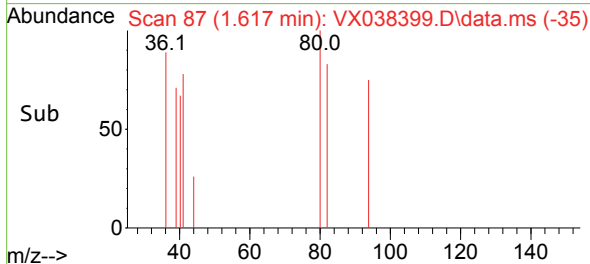
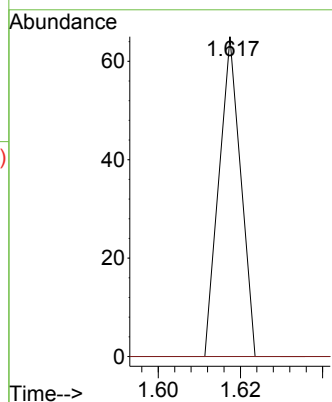
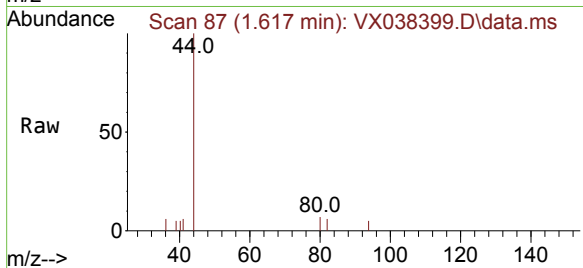




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

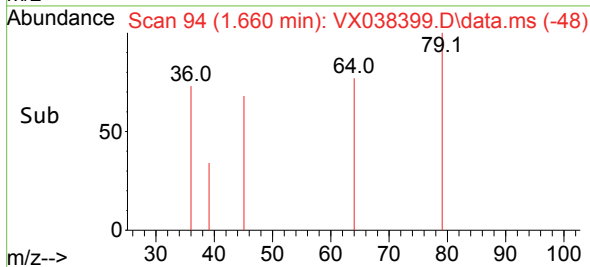
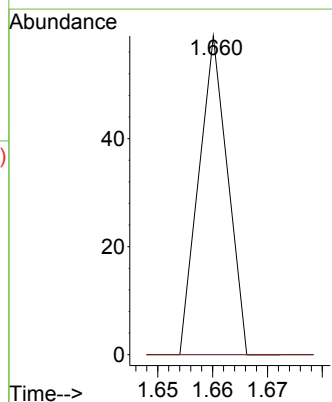
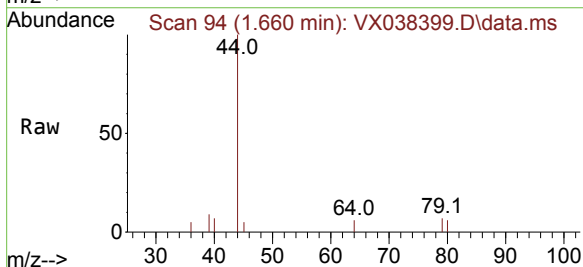
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101923

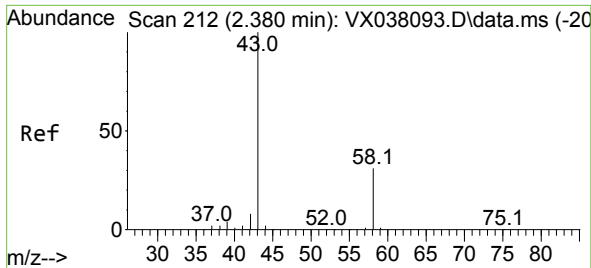
Tgt Ion: 94 Resp: 24
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#16

Acetone

Concen: 1.119 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038399.D

Acq: 20 Oct 2023 13:57

Instrument :

MSVOA_X

ClientSampleId :

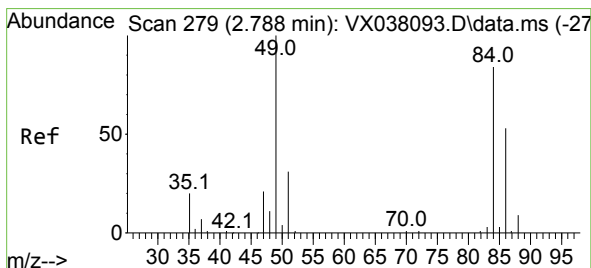
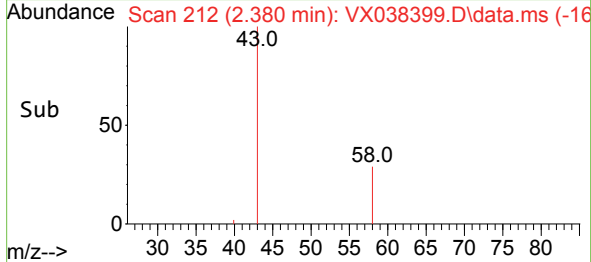
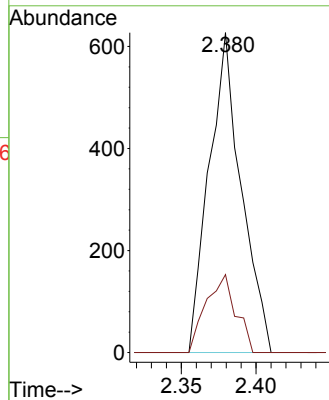
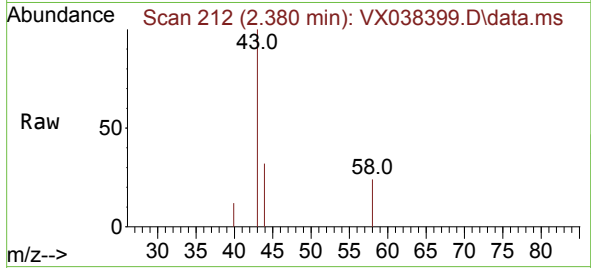
TB-01-101923

Tgt Ion: 43 Resp: 937

Ion Ratio Lower Upper

43 100

58 24.4 21.9 32.9



#20

Methylene Chloride

Concen: 0.442 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038399.D

Acq: 20 Oct 2023 13:57

Tgt Ion: 84 Resp: 696

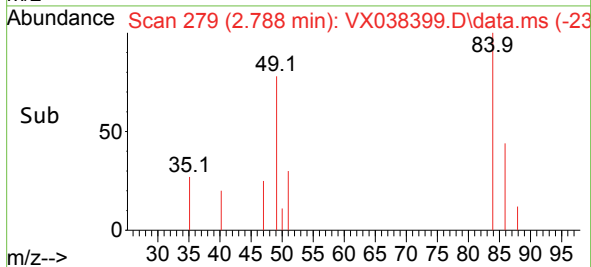
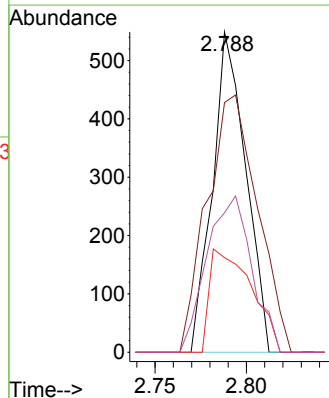
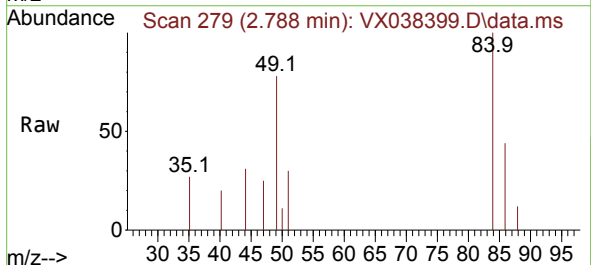
Ion Ratio Lower Upper

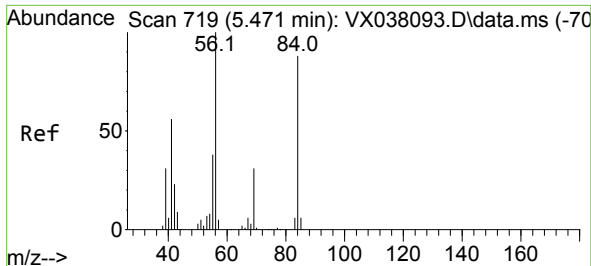
84 100

49 78.0 103.6 155.4#

51 29.5 33.8 50.6#

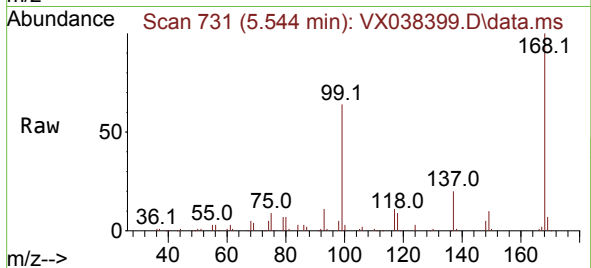
86 43.5 49.4 74.0#



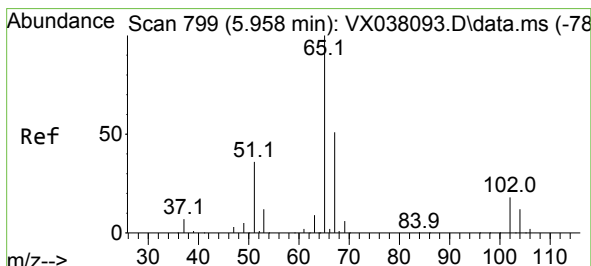
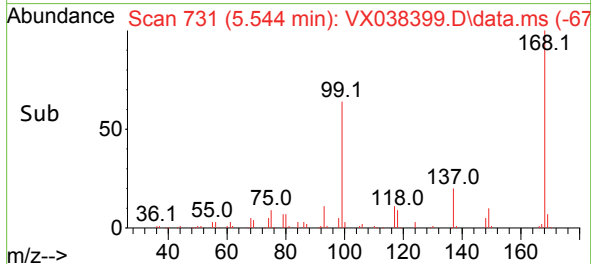
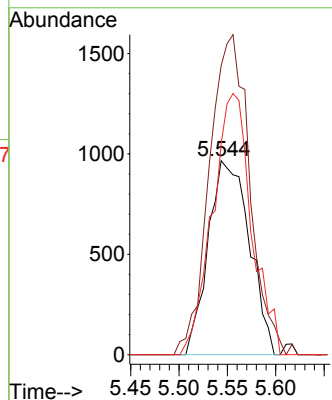


#31
Cyclohexane
Concen: 1.313 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

Instrument :
MSVOA_X
ClientSampleId :
TB-01-101923

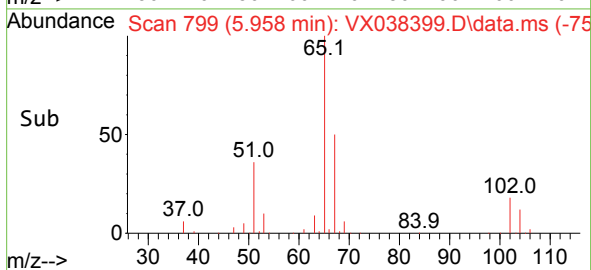
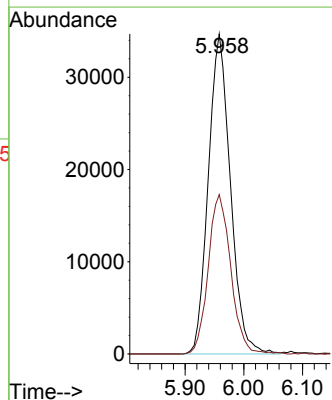
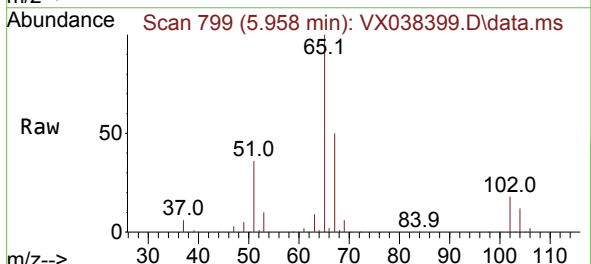


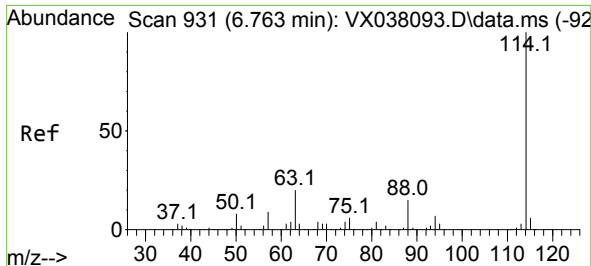
Tgt Ion: 56 Resp: 2854
Ion Ratio Lower Upper
56 100
69 142.3 23.4 35.2#
84 108.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.188 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

Tgt Ion: 65 Resp: 90652
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

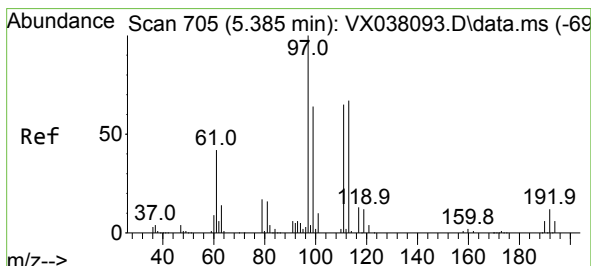
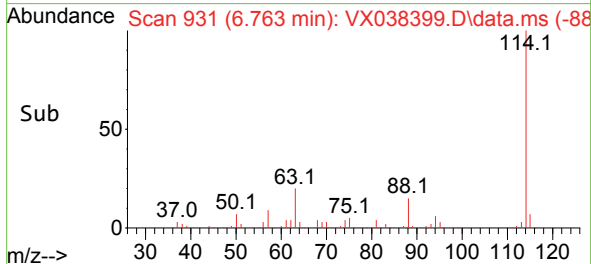
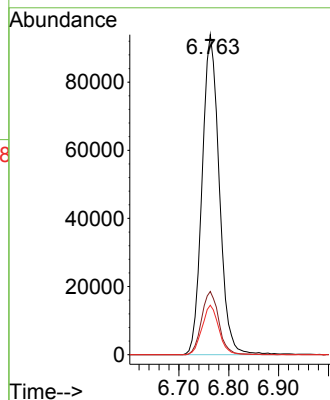
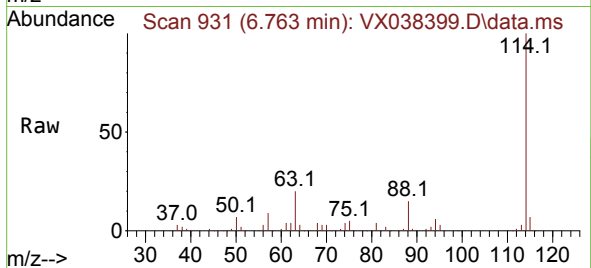




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

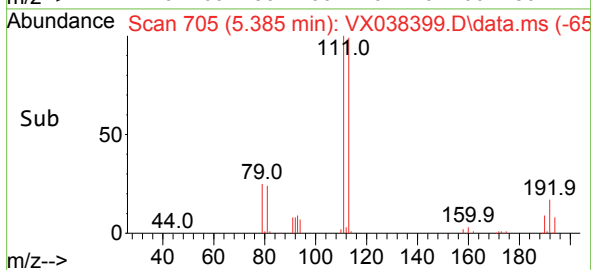
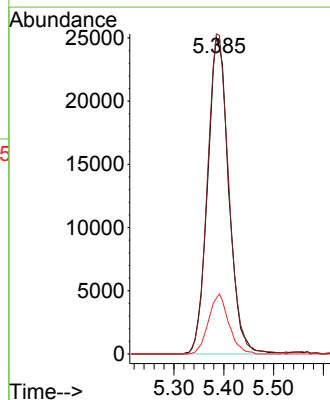
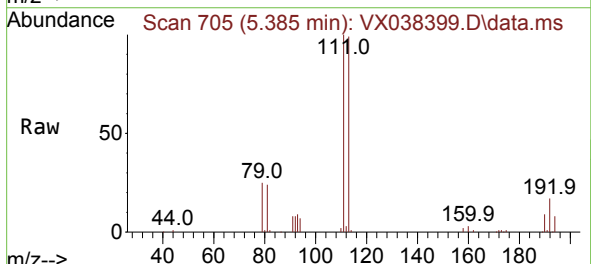
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101923

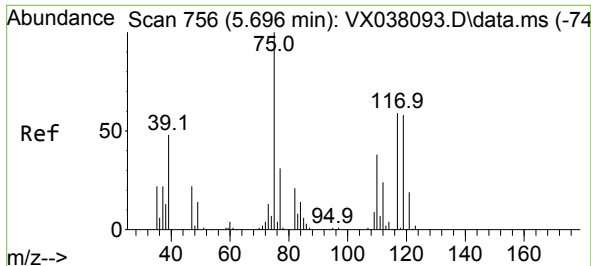
Tgt Ion:114 Resp: 224444
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.506 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

Tgt Ion:113 Resp: 73595
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.1 13.3 19.9

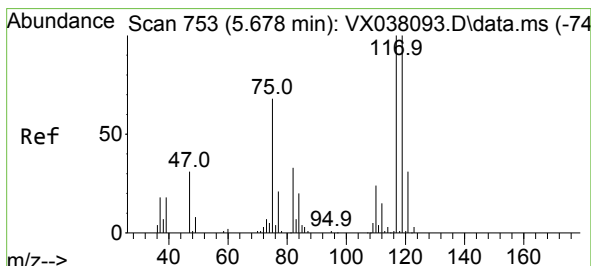
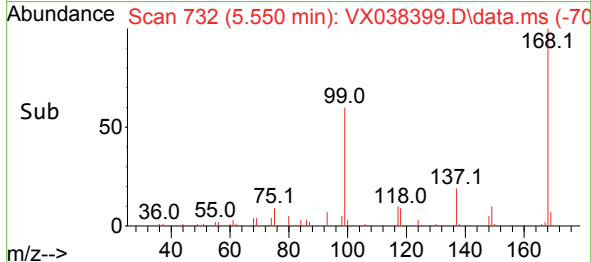
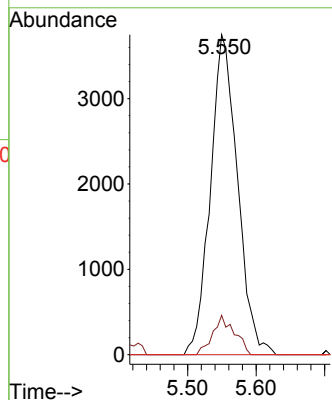
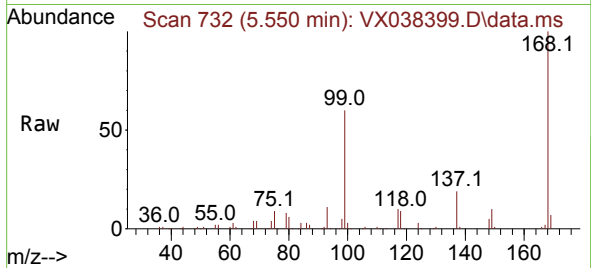




#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

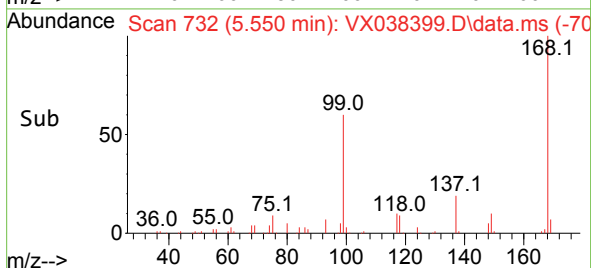
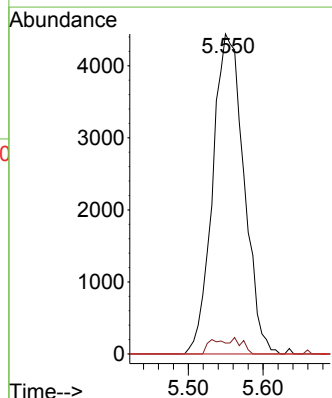
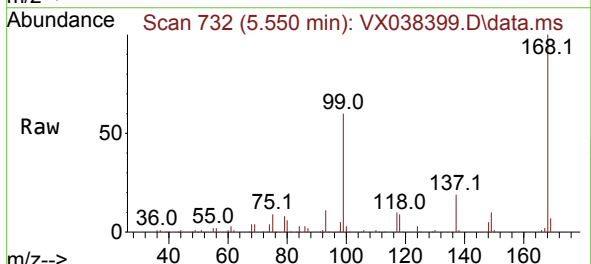
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TB-01-101923

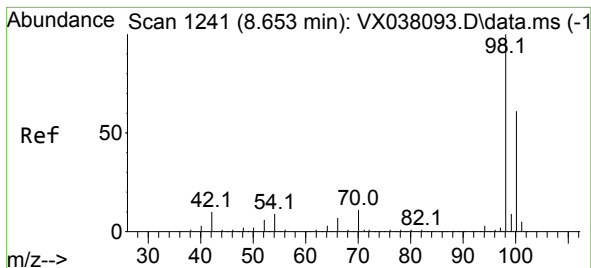
Tgt Ion: 75 Resp: 10305
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038399.D
Acq: 20 Oct 2023 13:57

Tgt Ion: 117 Resp: 12918
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.835 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038399.D

Acq: 20 Oct 2023 13:57

Instrument :

MSVOA_X

ClientSampleId :

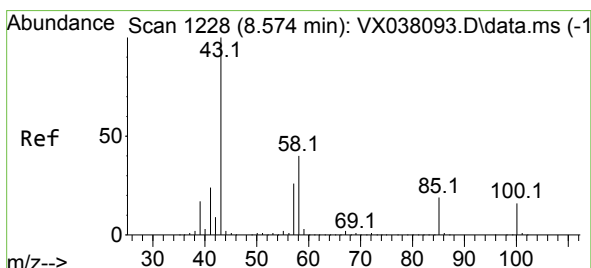
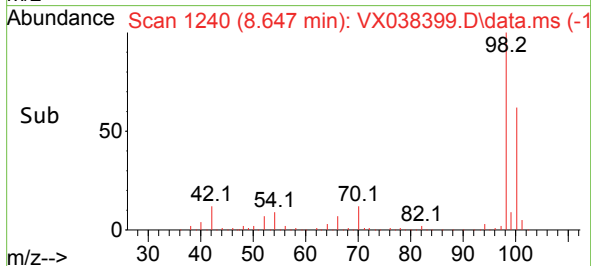
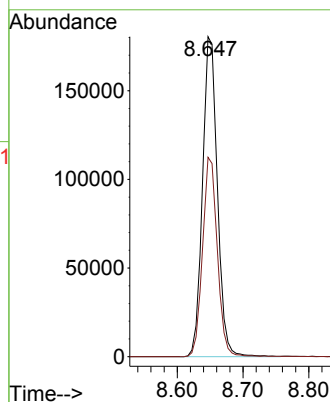
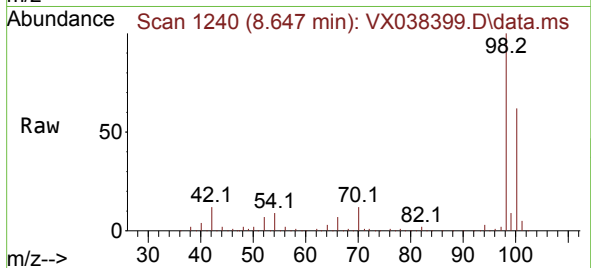
TB-01-101923

Tgt Ion: 98 Resp: 283256

Ion Ratio Lower Upper

98 100

100 62.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.413 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038399.D

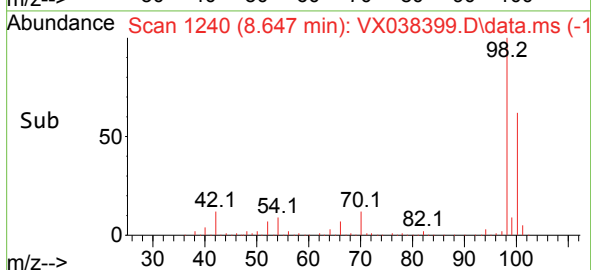
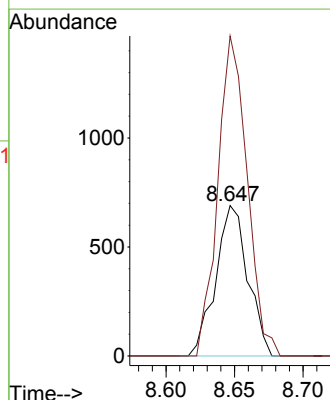
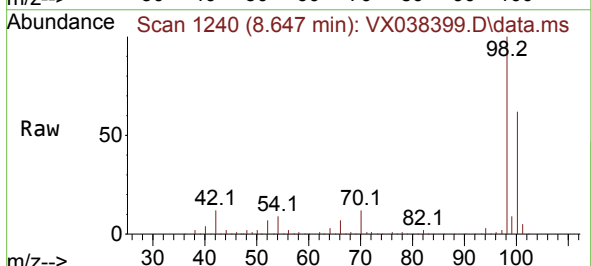
Acq: 20 Oct 2023 13:57

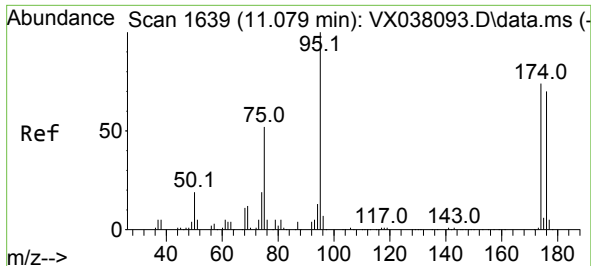
Tgt Ion: 43 Resp: 1127

Ion Ratio Lower Upper

43 100

58 194.3 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 44.403 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038399.D

Acq: 20 Oct 2023 13:57

Instrument :

MSVOA_X

ClientSampleId :

TB-01-101923

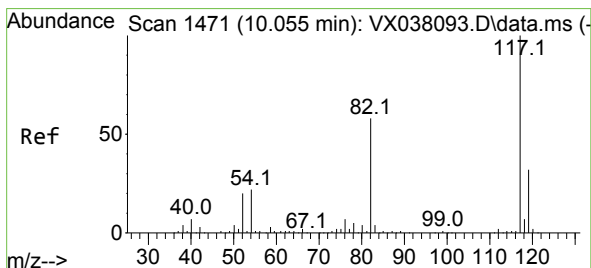
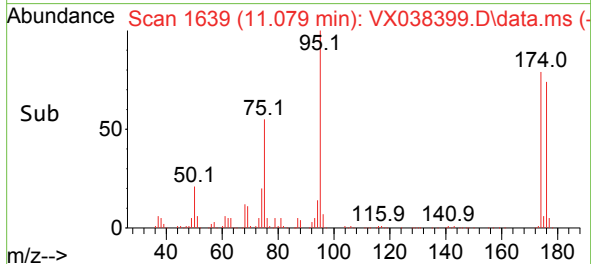
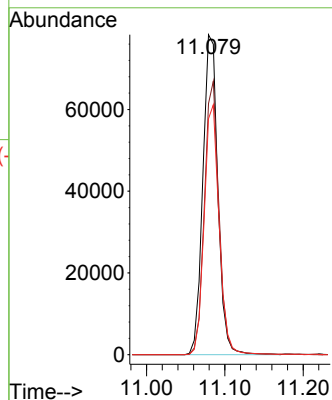
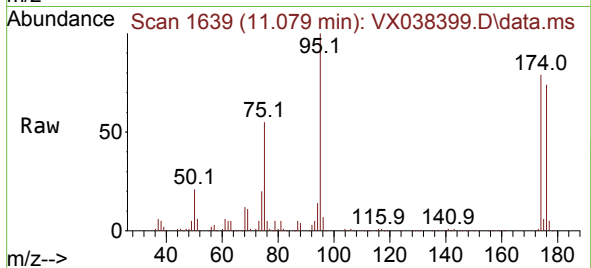
Tgt Ion: 95 Resp: 104031

Ion Ratio Lower Upper

95 100

174 83.1 0.0 135.6

176 78.0 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: VX038399.D

Acq: 20 Oct 2023 13:57

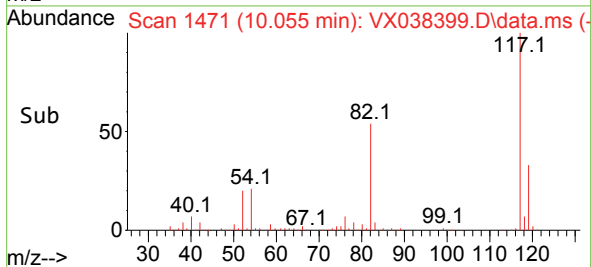
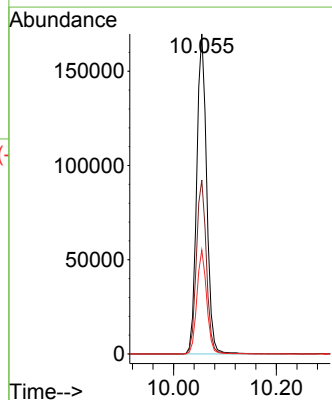
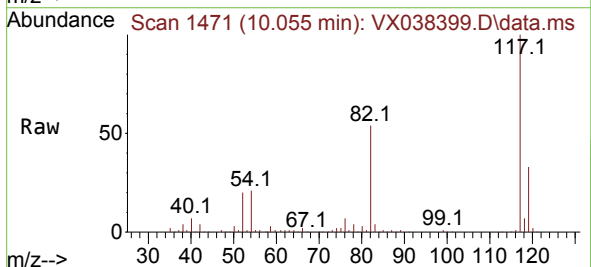
Tgt Ion: 117 Resp: 229683

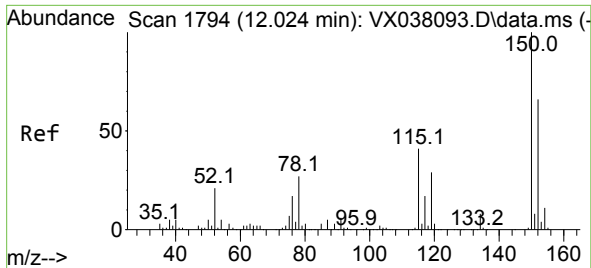
Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 32.5 25.5 38.3

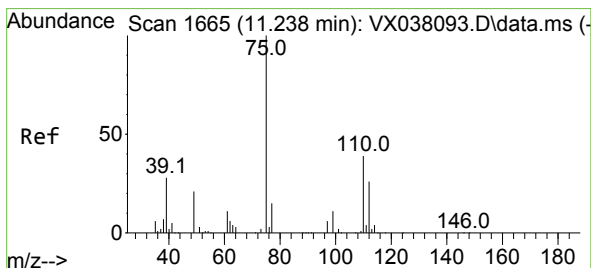
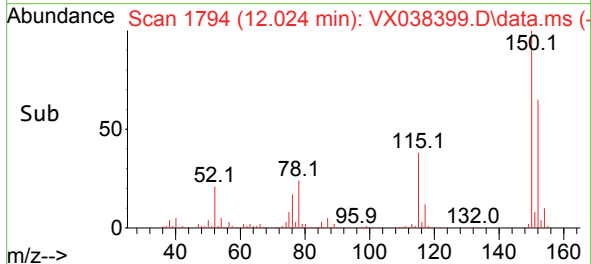
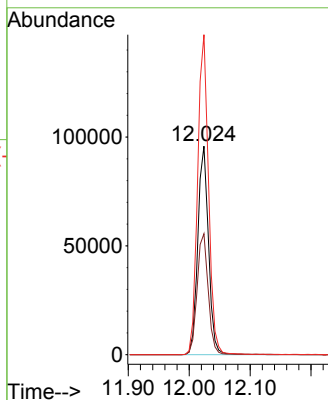
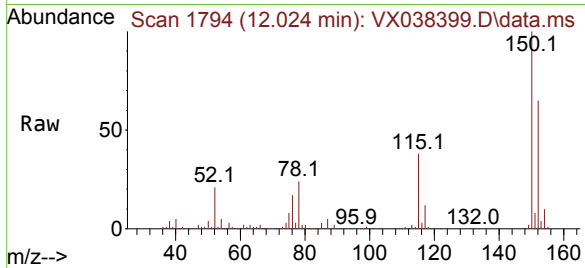




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038399.D
 Acq: 20 Oct 2023 13:57

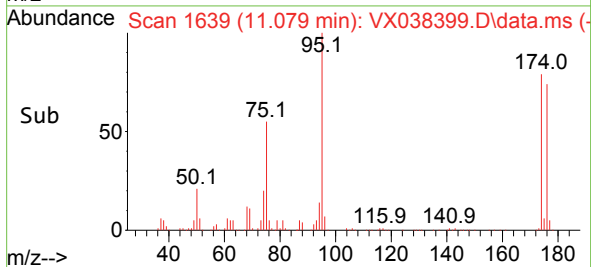
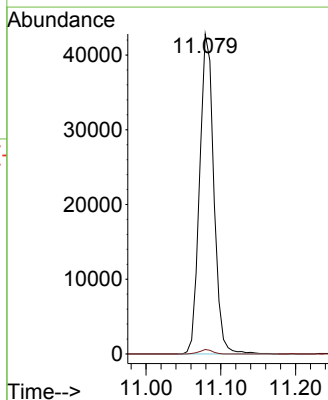
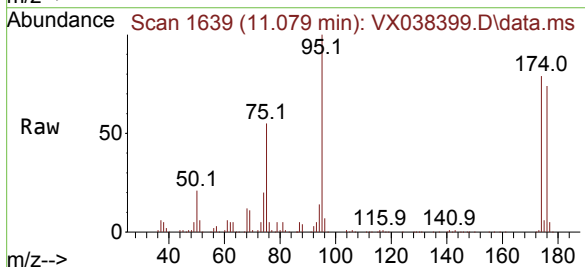
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-101923

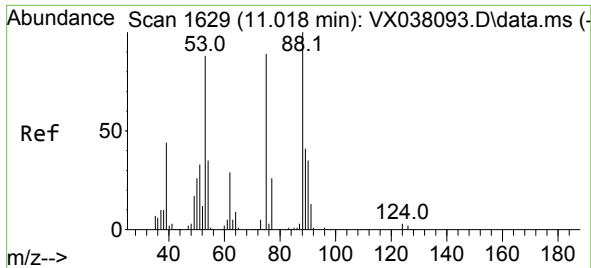
Tgt Ion:152 Resp: 116798
 Ion Ratio Lower Upper
 152 100
 115 60.1 43.3 129.9
 150 156.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.311 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038399.D
 Acq: 20 Oct 2023 13:57

Tgt Ion: 75 Resp: 56586
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.240 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038399.D
 Acq: 20 Oct 2023 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-101923

Tgt Ion: 75 Resp: 56586
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

