

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039190.D
 Acq On : 13 Dec 2023 15:34
 Operator : JC/MD
 Sample : 05720-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20231207RE

Quant Time: Dec 14 01:32:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

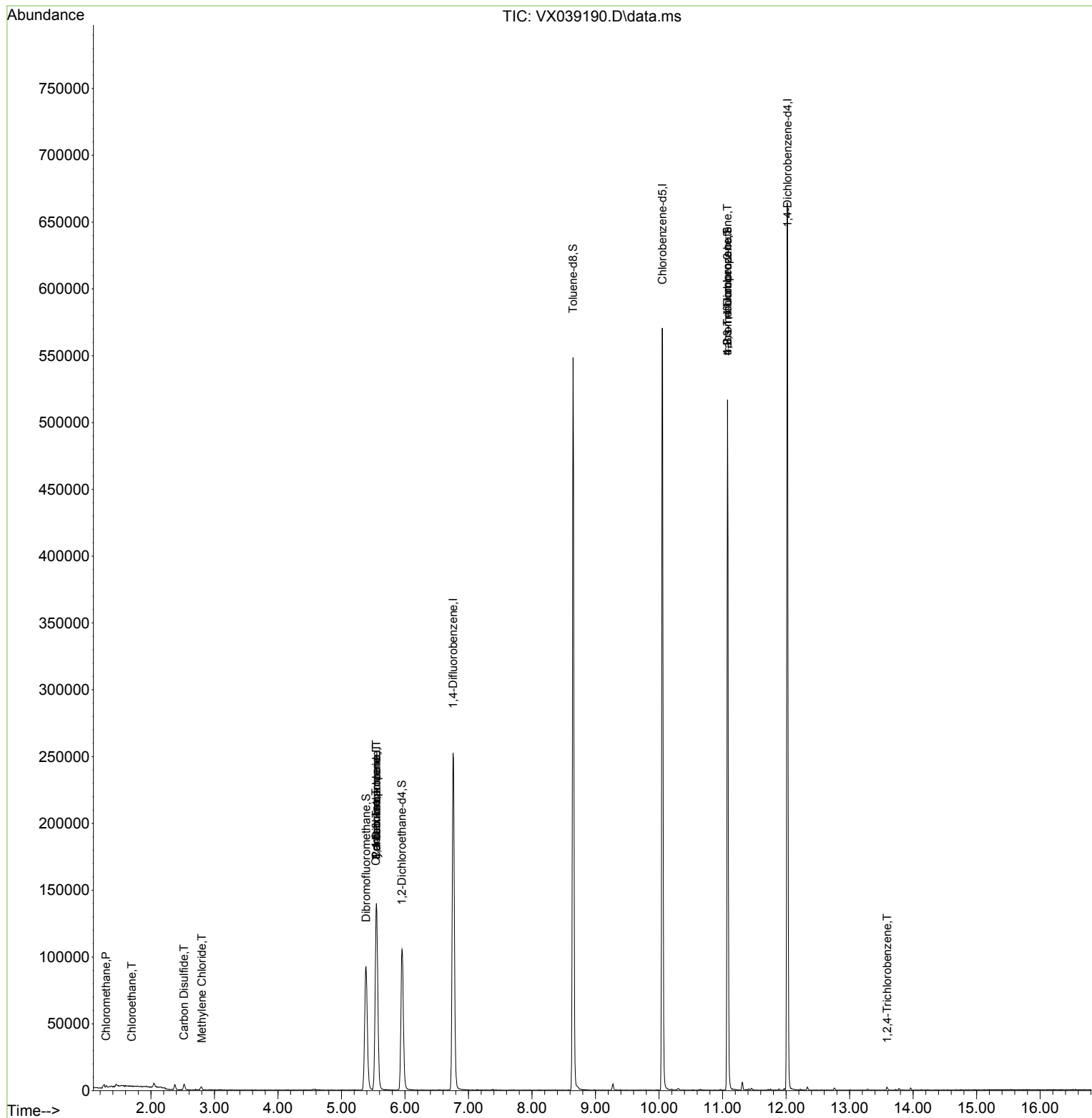
Internal Standards						
1) Pentafluorobenzene	5.550	168	118834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106008	48.696	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.400%
35) Dibromofluoromethane	5.385	113	81708	48.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	310772	49.205	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	143339	55.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1067	0.576	ug/l	96
6) Chloroethane	1.697	64	228	0.220	ug/l	96
16) Acetone	2.380	43	4110	Below Cal		99
17) Carbon Disulfide	2.520	76	1458	0.326	ug/l	99
20) Methylene Chloride	2.800	84	1115	0.614	ug/l #	84
31) Cyclohexane	5.544	56	3704	1.317	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	12021	4.478	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13796	5.385	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	77143	23.506	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	77143	66.311	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	752	0.282	ug/l	96

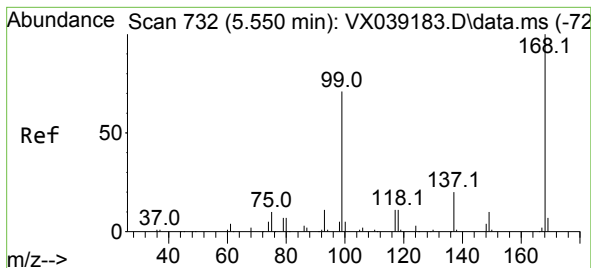
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TT-TB-20231207RE

Quant Time: Dec 14 01:32:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX039190.D

Acq: 13 Dec 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

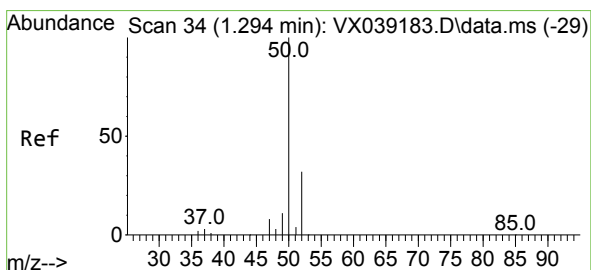
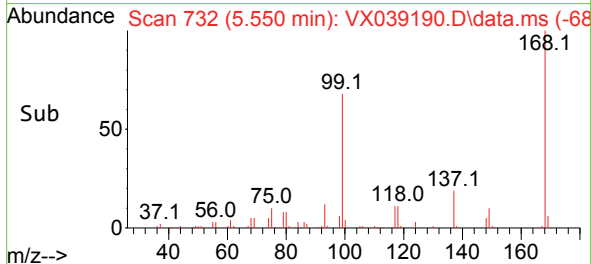
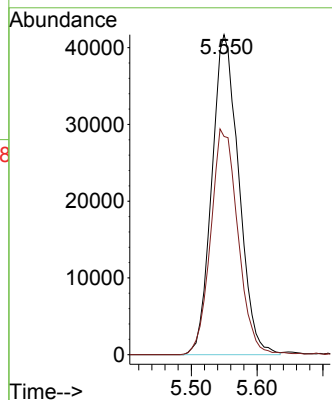
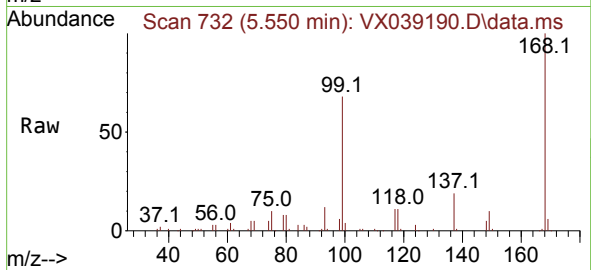
TT-TB-20231207RE

Tgt Ion:168 Resp: 118834

Ion Ratio Lower Upper

168 100

99 68.2 56.6 85.0



#3

Chloromethane

Concen: 0.576 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039190.D

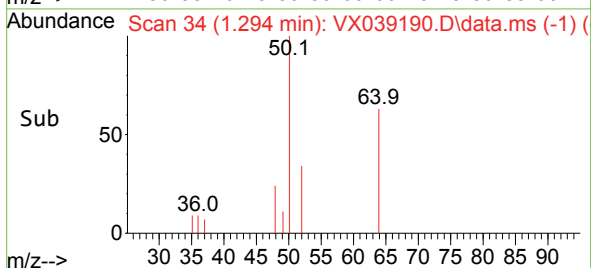
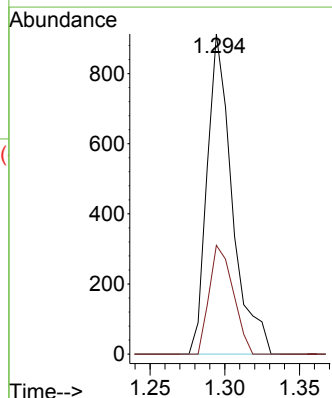
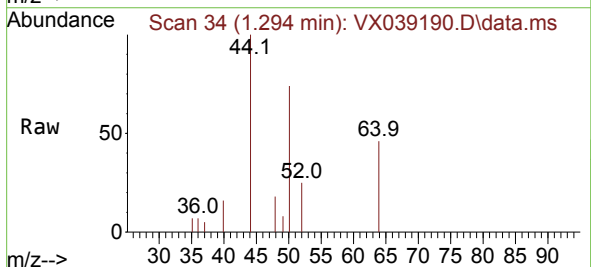
Acq: 13 Dec 2023 15:34

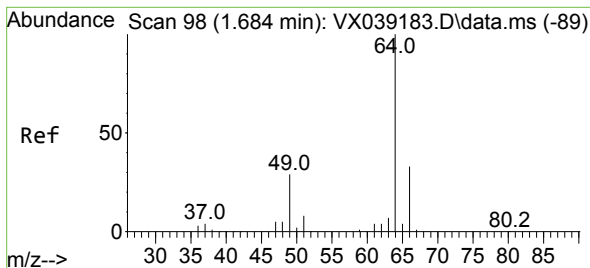
Tgt Ion: 50 Resp: 1067

Ion Ratio Lower Upper

50 100

52 34.0 25.5 38.3





#6

Chloroethane

Concen: 0.220 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.012 min

Lab File: VX039190.D

Acq: 13 Dec 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

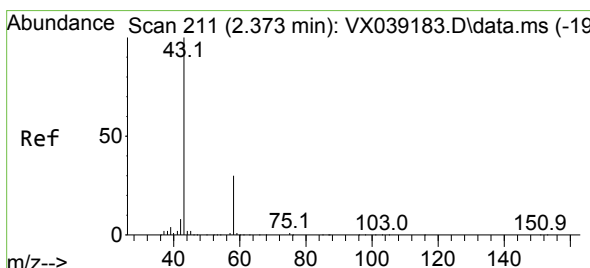
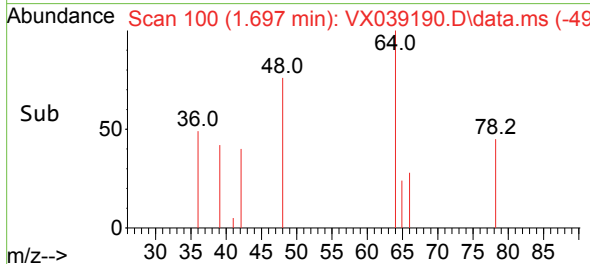
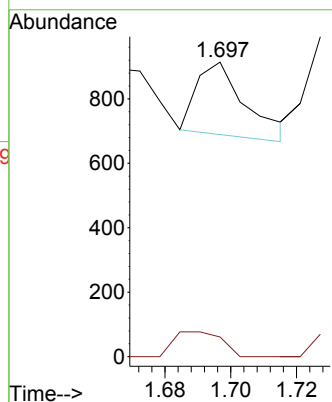
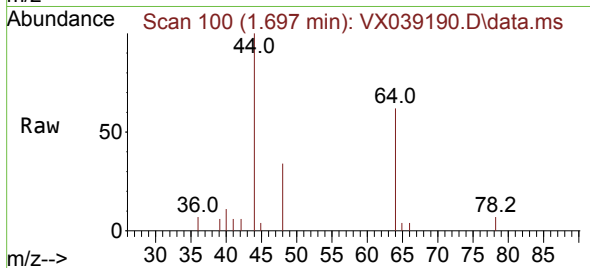
TT-TB-20231207RE

Tgt Ion: 64 Resp: 228

Ion Ratio Lower Upper

64 100

66 29.0 25.1 37.7



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX039190.D

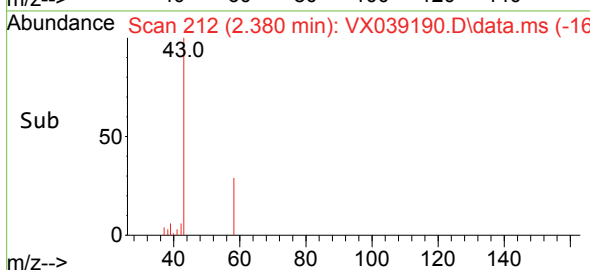
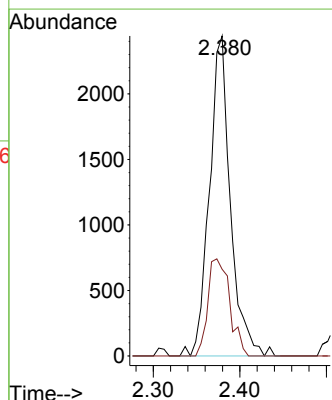
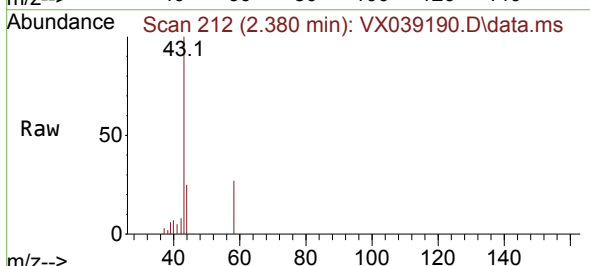
Acq: 13 Dec 2023 15:34

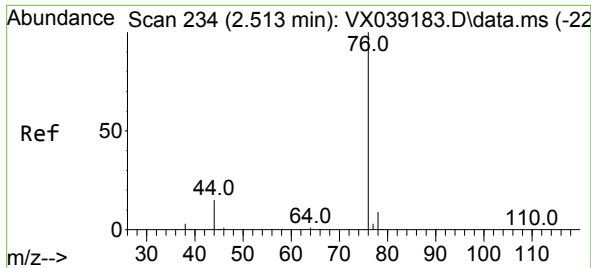
Tgt Ion: 43 Resp: 4110

Ion Ratio Lower Upper

43 100

58 27.1 21.9 32.9





#17

Carbon Disulfide

Concen: 0.326 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039190.D

Acq: 13 Dec 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

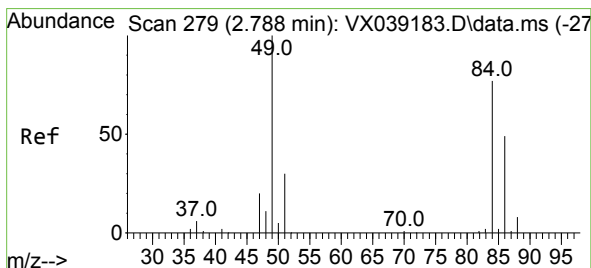
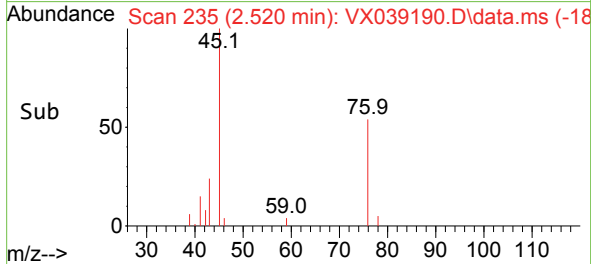
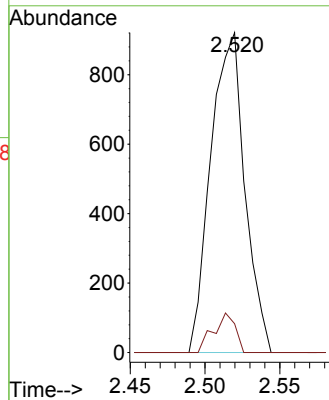
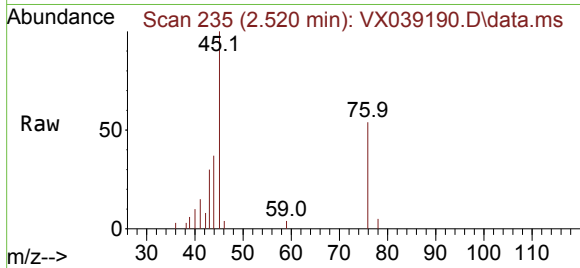
TT-TB-20231207RE

Tgt Ion: 76 Resp: 1458

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#20

Methylene Chloride

Concen: 0.614 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX039190.D

Acq: 13 Dec 2023 15:34

Tgt Ion: 84 Resp: 1115

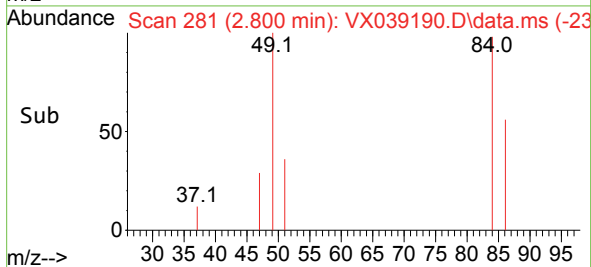
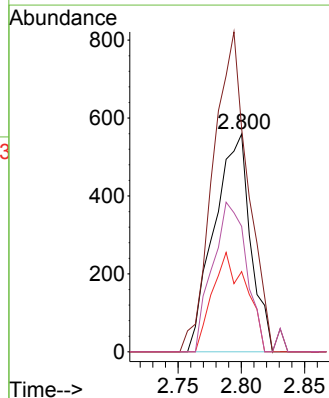
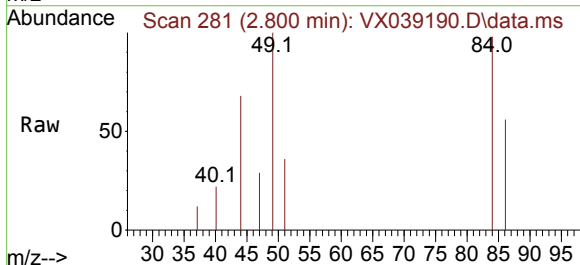
Ion Ratio Lower Upper

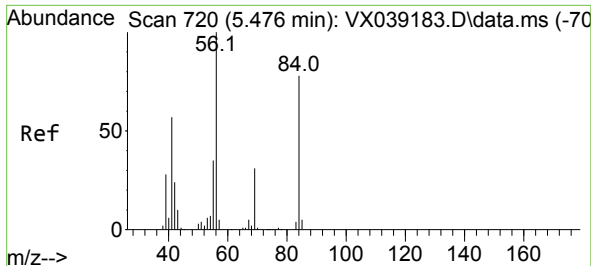
84 100

49 102.5 103.6 155.4#

51 36.9 33.8 50.6

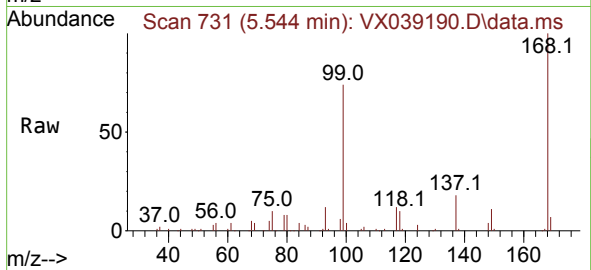
86 57.6 49.4 74.0



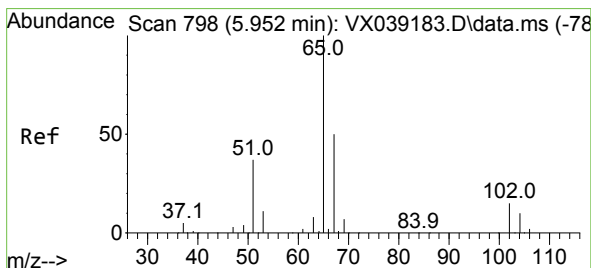
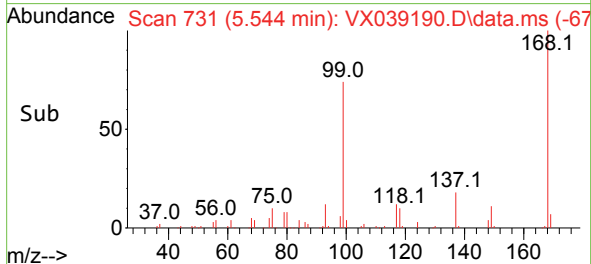
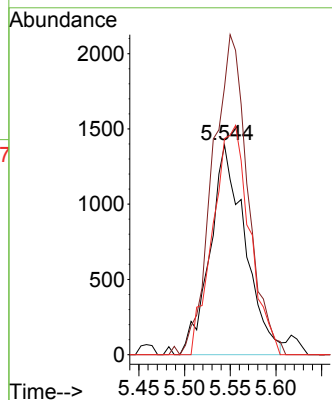


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039190.D
Acq: 13 Dec 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207RE

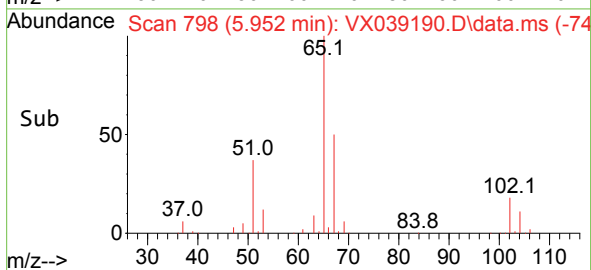
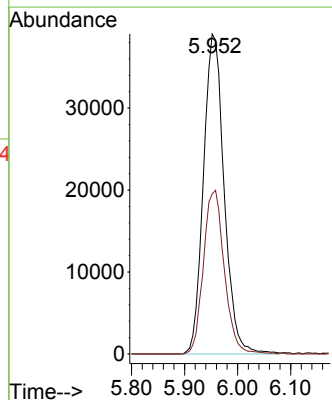
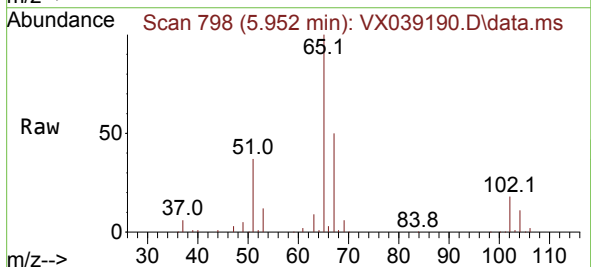


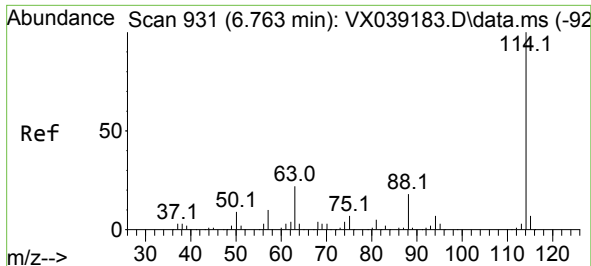
Tgt Ion: 56 Resp: 3704
Ion Ratio Lower Upper
56 100
69 127.6 23.4 35.2#
84 103.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.696 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039190.D
Acq: 13 Dec 2023 15:34

Tgt Ion: 65 Resp: 106008
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

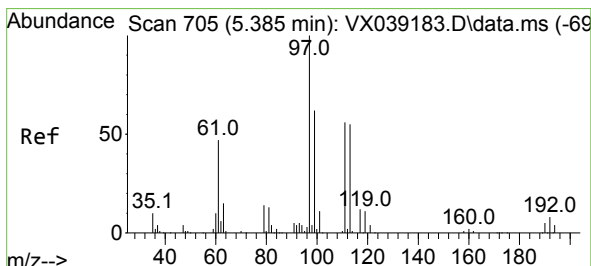
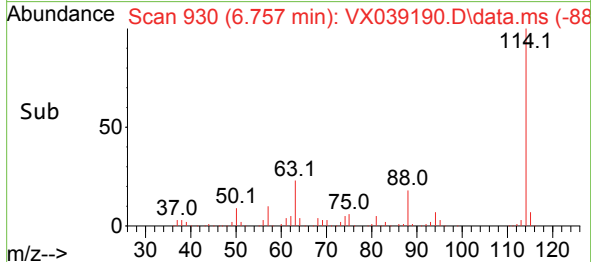
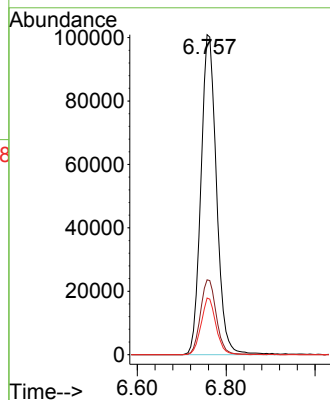
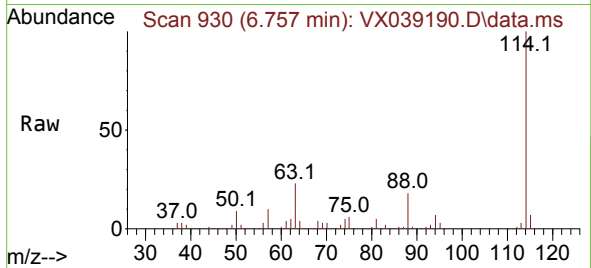




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039190.D
Acq: 13 Dec 2023 15:34

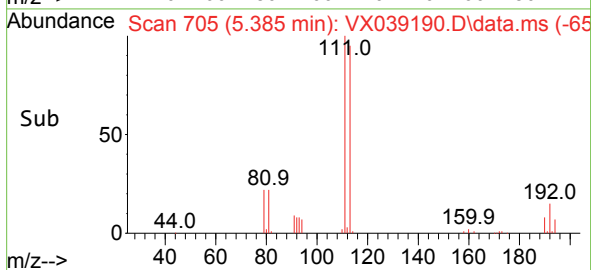
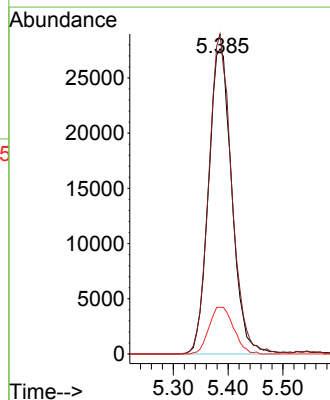
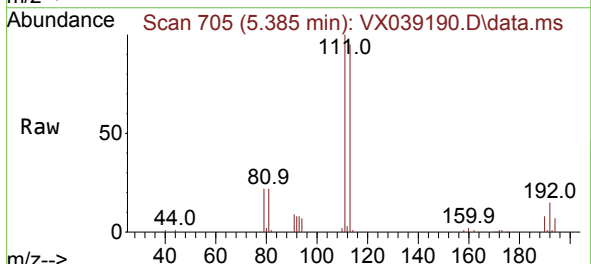
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207RE

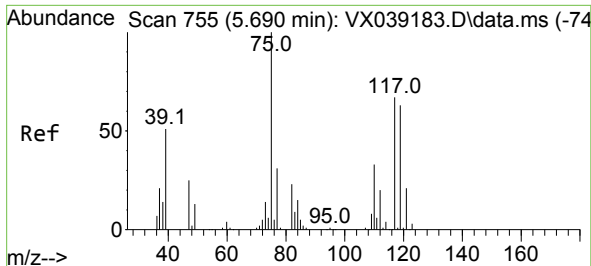
Tgt Ion:114 Resp: 246253
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.029 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039190.D
Acq: 13 Dec 2023 15:34

Tgt Ion:113 Resp: 81708
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.2 13.3 19.9

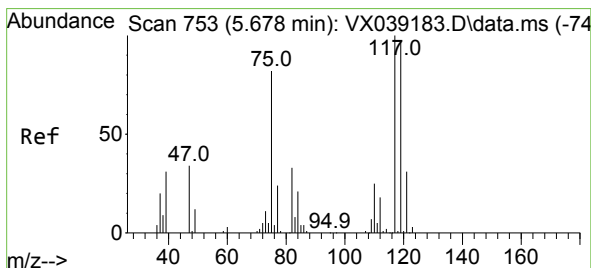
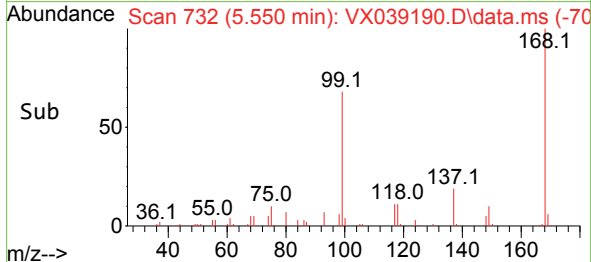
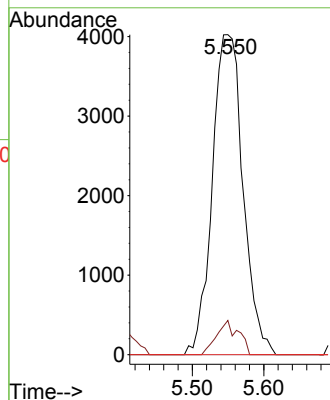
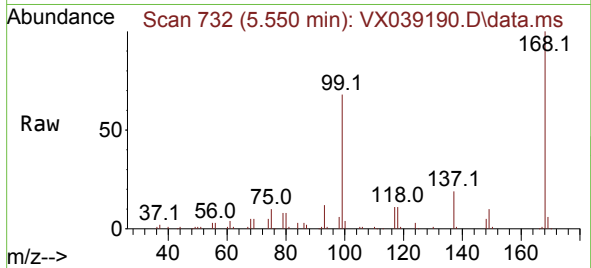




#36
 1,1-Dichloropropene
 Concen: 4.478 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX039190.D
 Acq: 13 Dec 2023 15:34

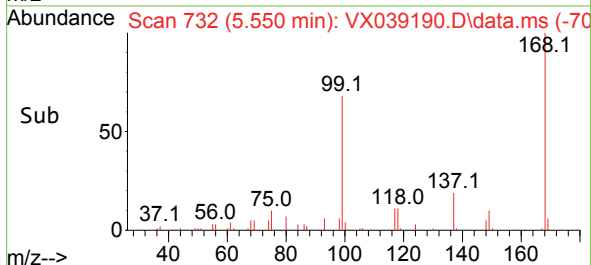
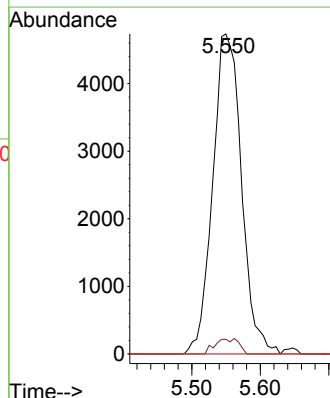
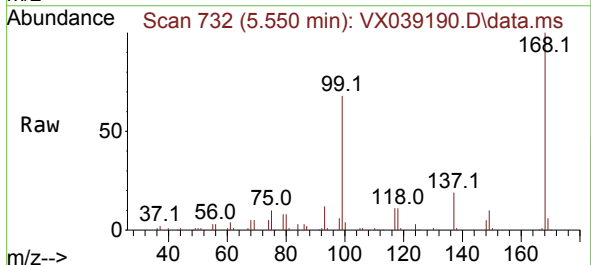
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20231207RE

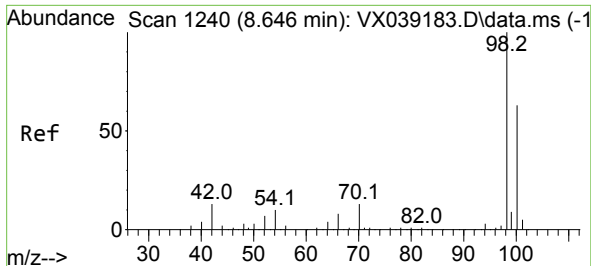
Tgt Ion: 75 Resp: 12021
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.385 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX039190.D
 Acq: 13 Dec 2023 15:34

Tgt Ion: 117 Resp: 13796
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.2 117.2#
 121 0.0 24.4 36.6#

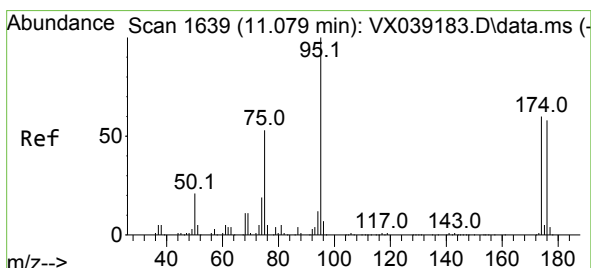
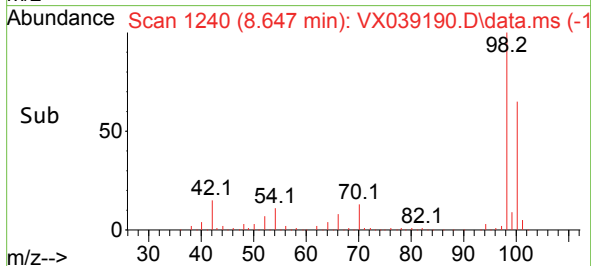
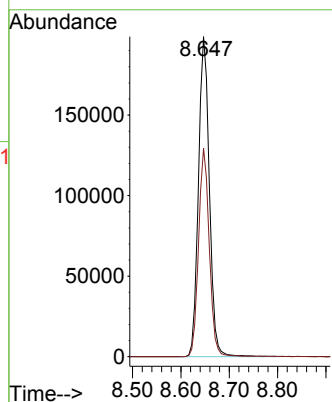
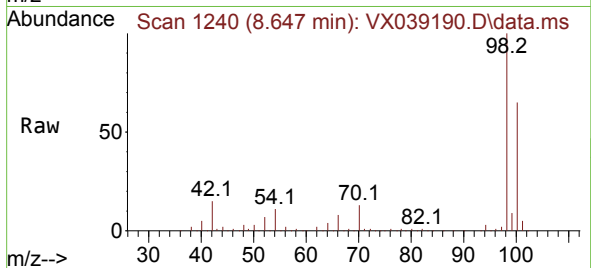




#50
Toluene-d8
Concen: 49.205 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039190.D
Acq: 13 Dec 2023 15:34

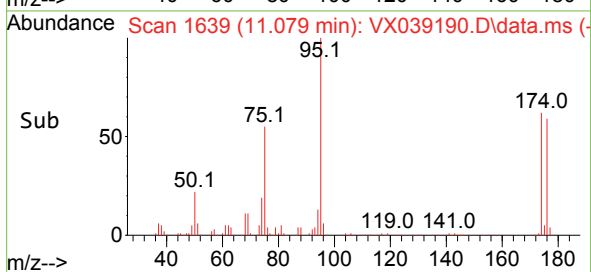
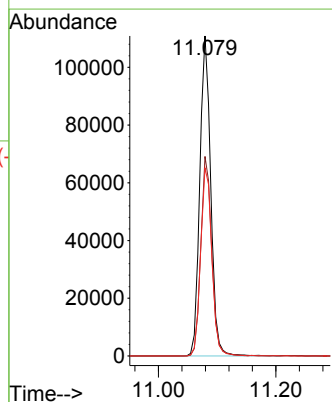
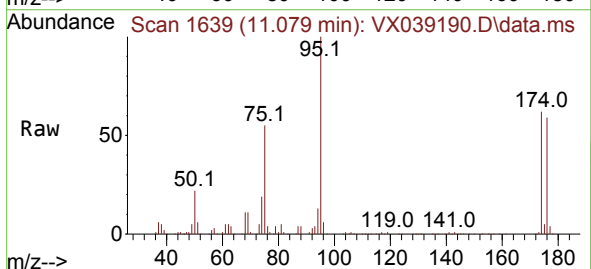
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207RE

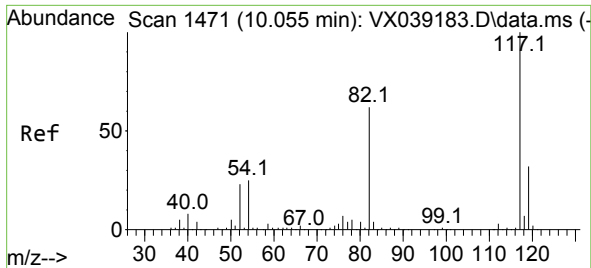
Tgt Ion: 98 Resp: 310772
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039190.D
Acq: 13 Dec 2023 15:34

Tgt Ion: 95 Resp: 143339
Ion Ratio Lower Upper
95 100
174 62.1 0.0 135.6
176 60.4 0.0 131.0

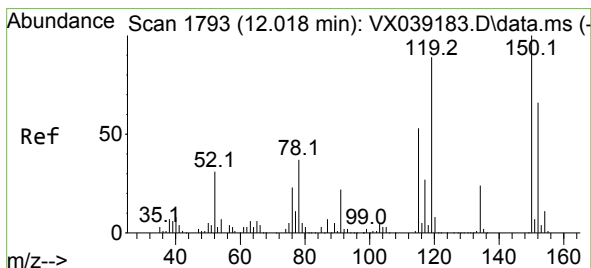
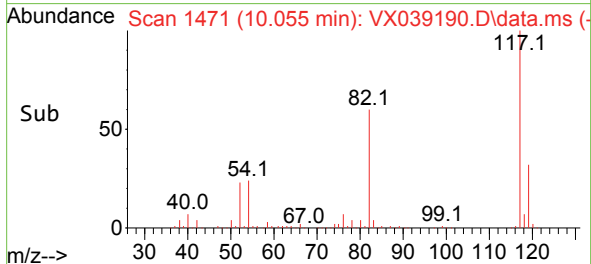
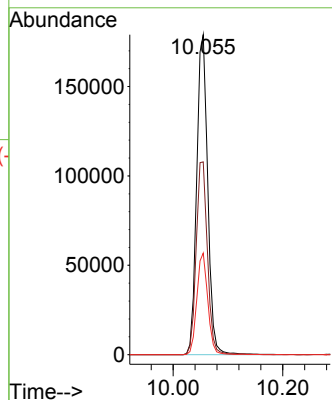
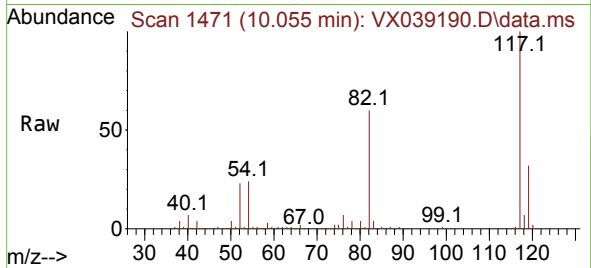




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039190.D
Acq: 13 Dec 2023 15:34

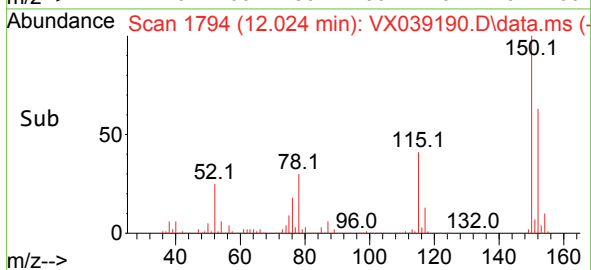
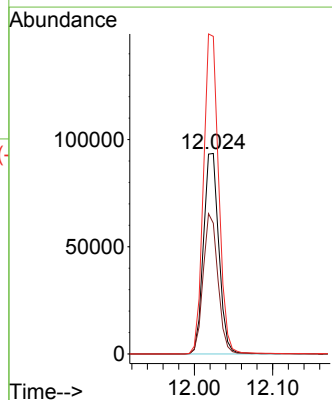
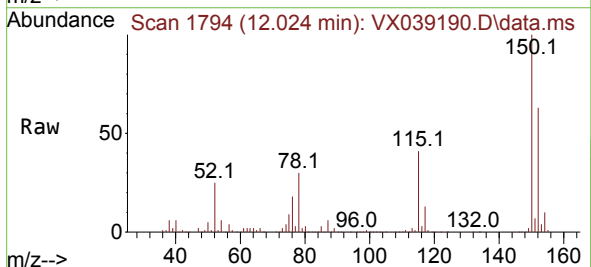
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207RE

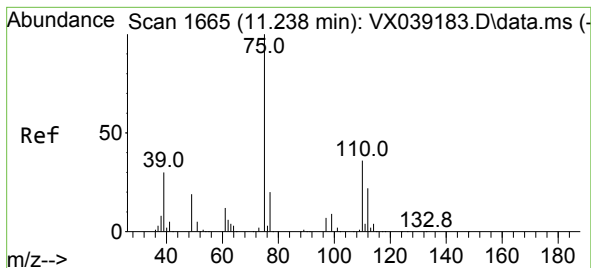
Tgt Ion:117 Resp: 251998
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039190.D
Acq: 13 Dec 2023 15:34

Tgt Ion:152 Resp: 126849
Ion Ratio Lower Upper
152 100
115 67.8 43.3 129.9
150 158.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.506 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039190.D

Acq: 13 Dec 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

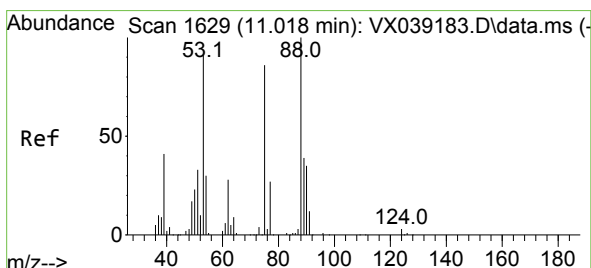
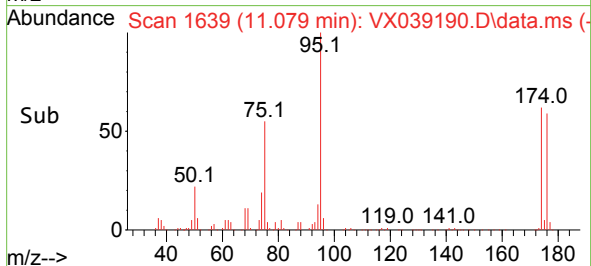
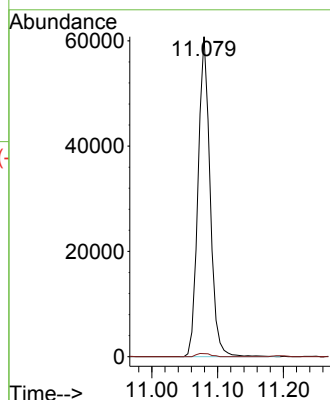
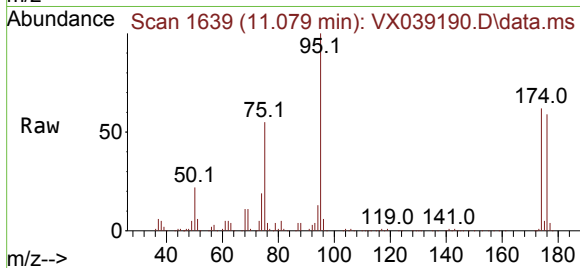
TT-TB-20231207RE

Tgt Ion: 75 Resp: 77143

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.311 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039190.D

Acq: 13 Dec 2023 15:34

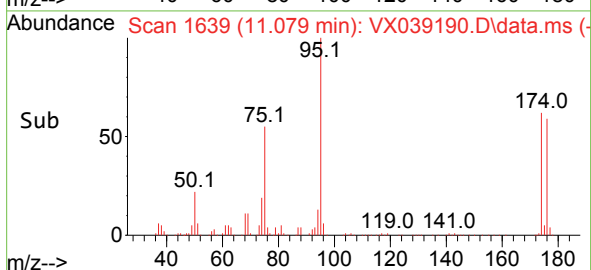
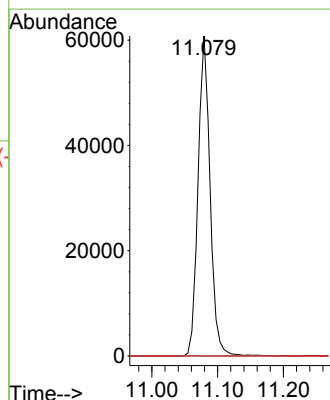
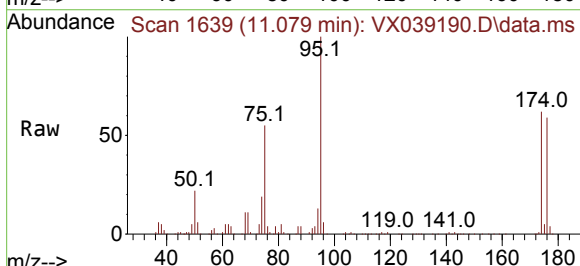
Tgt Ion: 75 Resp: 77143

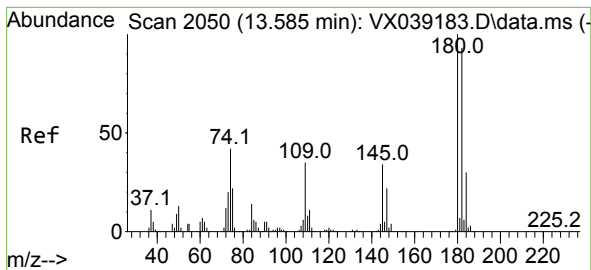
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.282 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039190.D

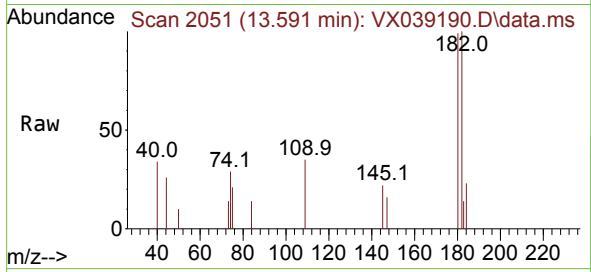
Acq: 13 Dec 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20231207RE



Tgt Ion:180 Resp: 752

Ion Ratio Lower Upper

180 100

182 93.0 48.3 144.8

145 32.0 18.0 54.0

