

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037781.D
 Acq On : 18 Sep 2023 17:13
 Operator : JC/MD
 Sample : 04389-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230905

Quant Time: Sep 19 07:23:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

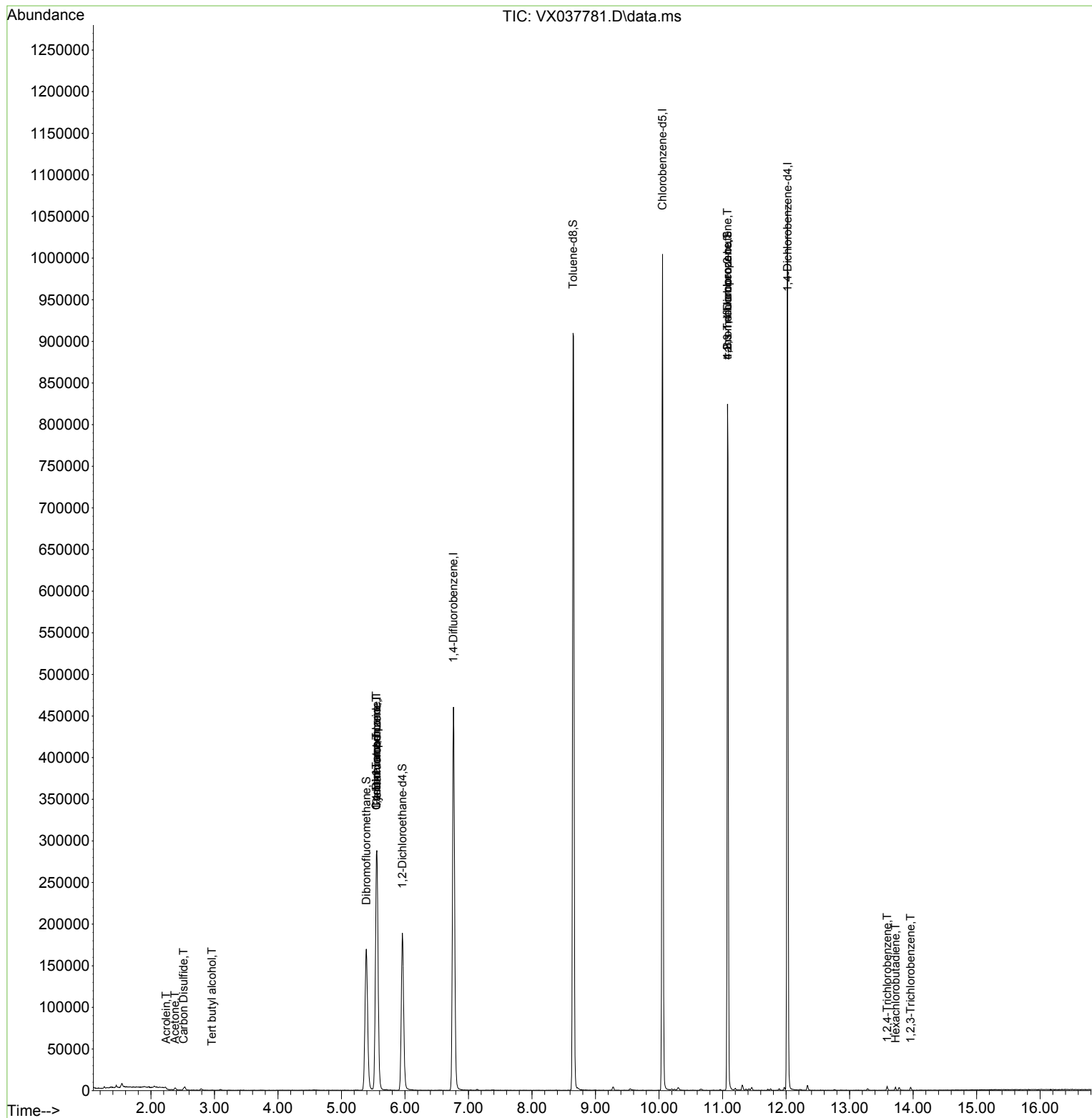
Internal Standards						
1) Pentafluorobenzene	5.556	168	284450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174524	46.699	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.400%		
35) Dibromofluoromethane	5.391	113	148748	46.852	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	8.647	98	570374	48.352	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.079	95	216310	50.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	333	0.415	ug/l #	78
13) Acrolein	2.239	56	275	0.347	ug/l #	1
16) Acetone	2.380	43	2973	1.654	ug/l	98
17) Carbon Disulfide	2.514	76	1749	0.251	ug/l	95
31) Cyclohexane	5.550	56	5793	1.208	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	20902	4.779	ug/l #	50
38) Carbon Tetrachloride	5.550	117	28323	6.189	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	109982	20.695	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	109982	66.295	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1289	0.276	ug/l	88
94) Hexachlorobutadiene	13.725	225	610	0.279	ug/l	94
96) 1,2,3-Trichlorobenzene	13.963	180	1114	0.231	ug/l	92

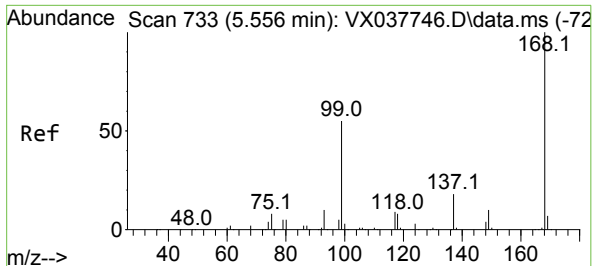
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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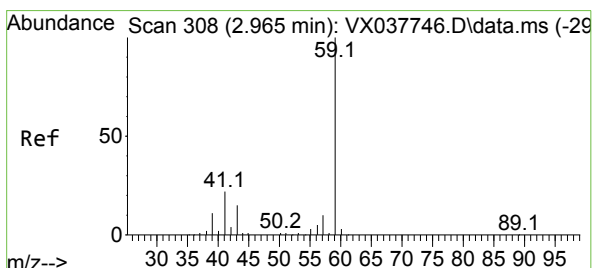
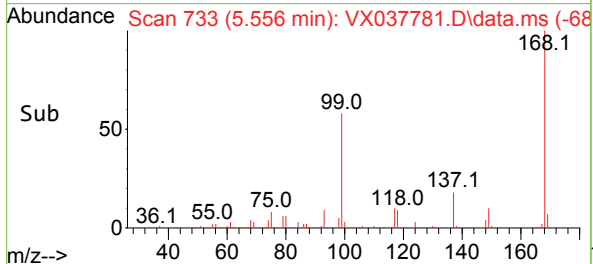
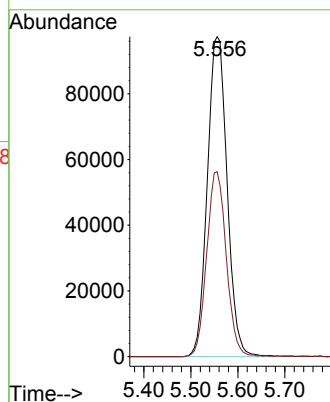
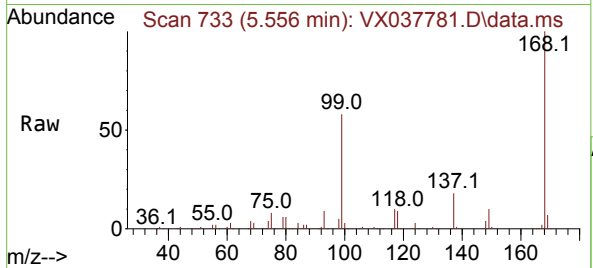




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

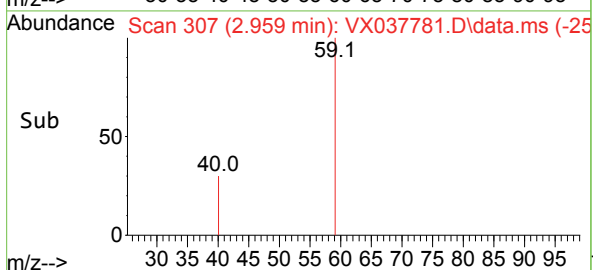
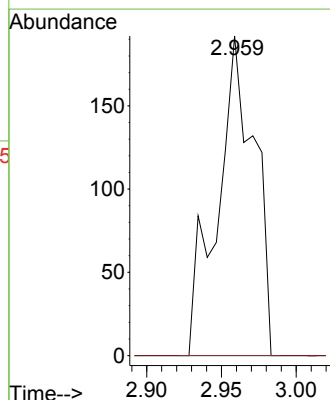
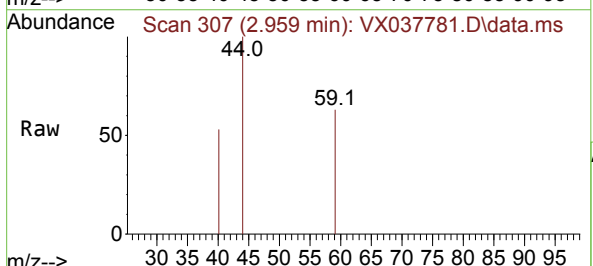
Instrument :
MSVOA_X
ClientSampleId :
TB-20230905

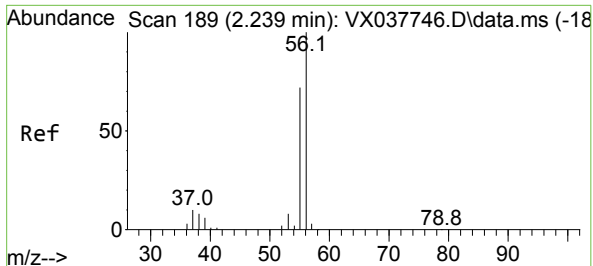
Tgt Ion:168 Resp: 284450
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.415 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.347 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX037781.D

Acq: 18 Sep 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

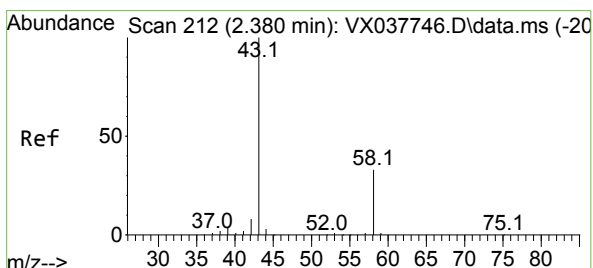
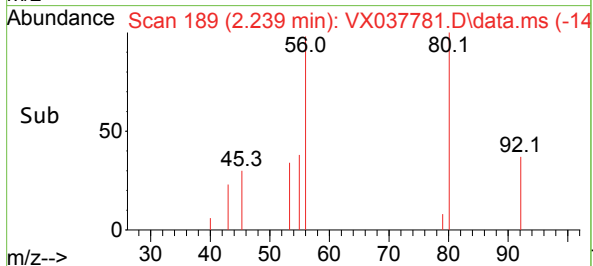
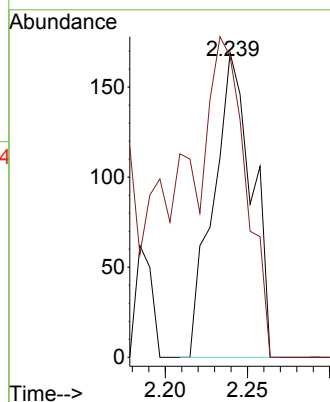
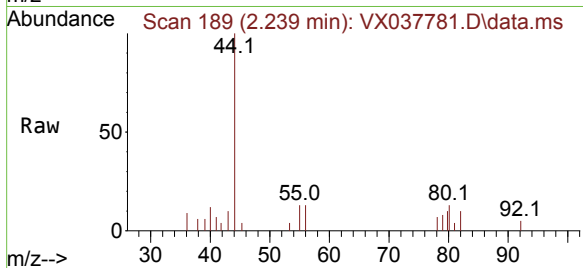
TB-20230905

Tgt Ion: 56 Resp: 275

Ion Ratio Lower Upper

56 100

55 164.0 57.1 85.7#



#16

Acetone

Concen: 1.654 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037781.D

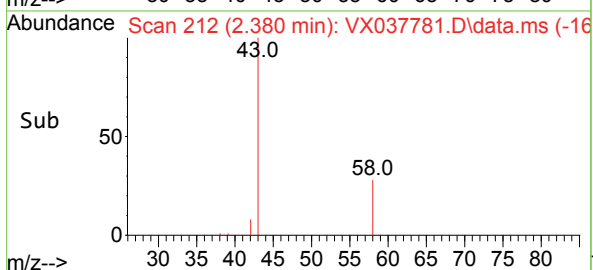
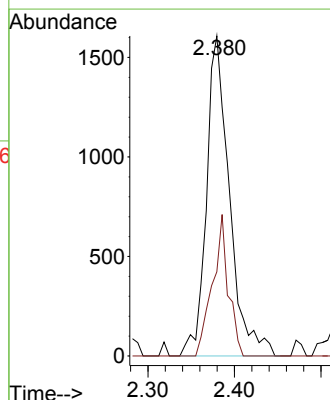
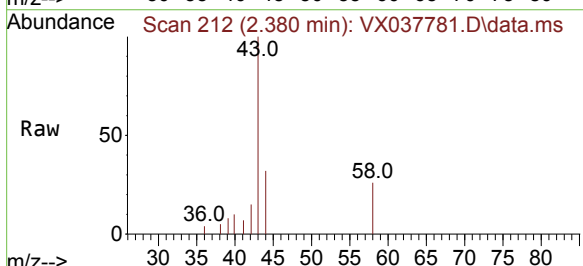
Acq: 18 Sep 2023 17:13

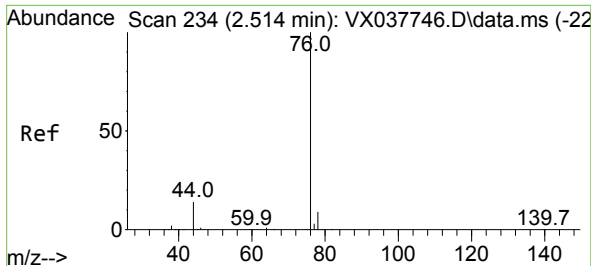
Tgt Ion: 43 Resp: 2973

Ion Ratio Lower Upper

43 100

58 26.3 21.9 32.9

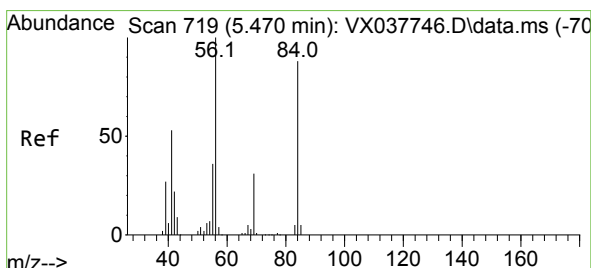
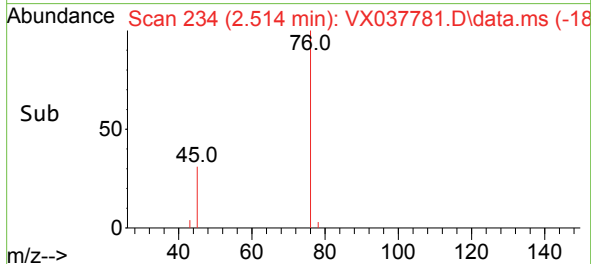
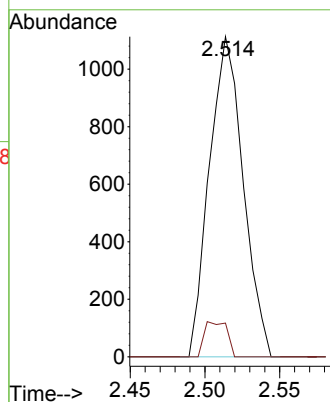
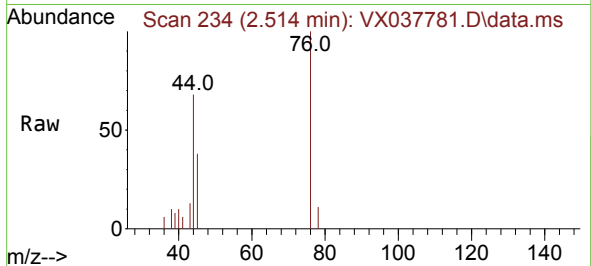




#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

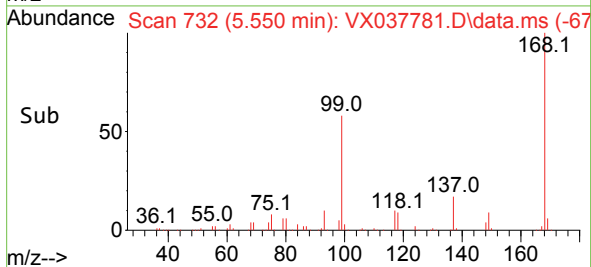
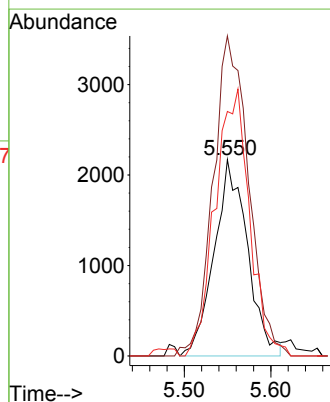
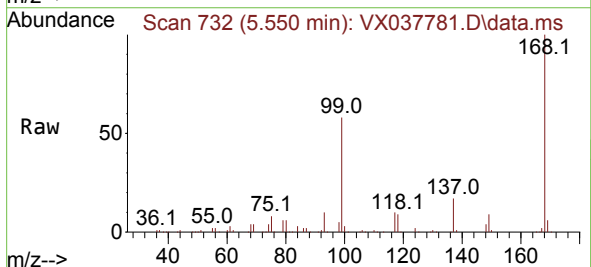
Instrument :
MSVOA_X
ClientSampleId :
TB-20230905

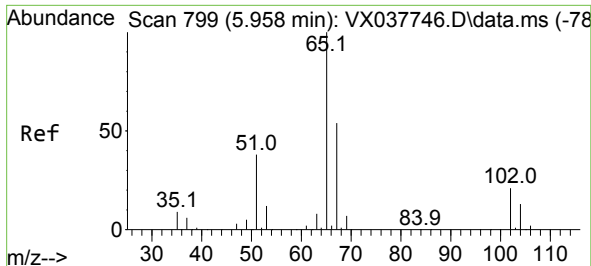
Tgt Ion: 76 Resp: 1749
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

Tgt Ion: 56 Resp: 5793
Ion Ratio Lower Upper
56 100
69 158.6 23.4 35.2#
84 124.6 65.9 98.9#

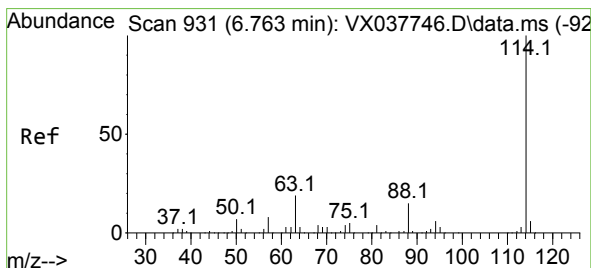
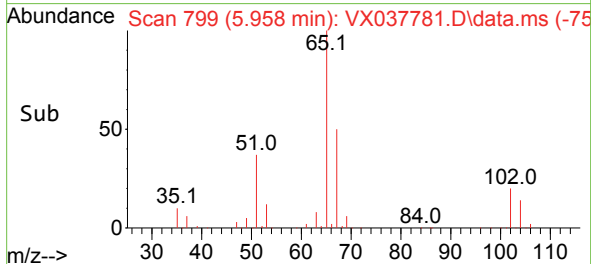
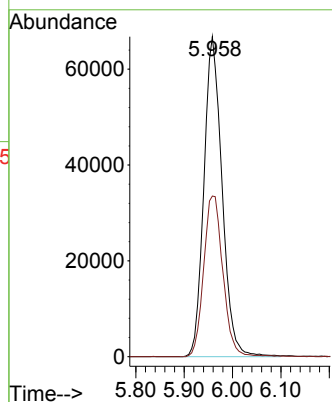
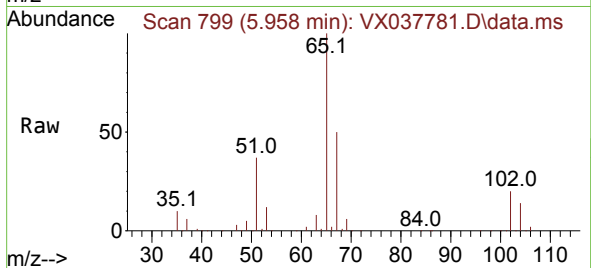




#33
 1,2-Dichloroethane-d4
 Concen: 46.699 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037781.D
 Acq: 18 Sep 2023 17:13

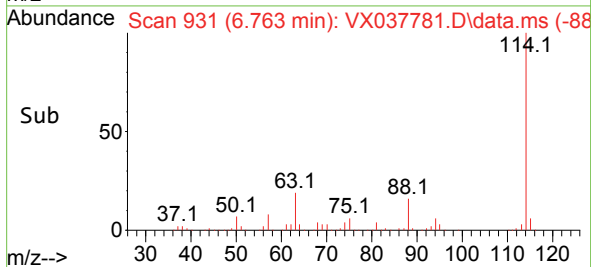
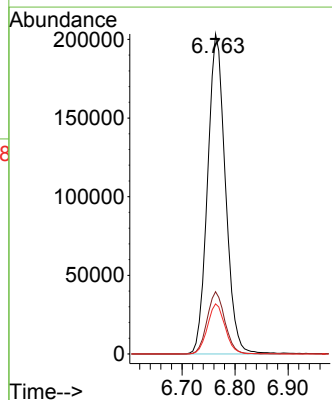
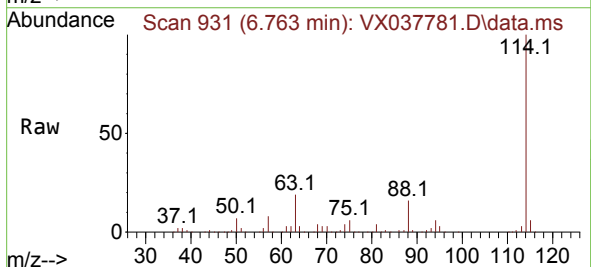
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230905

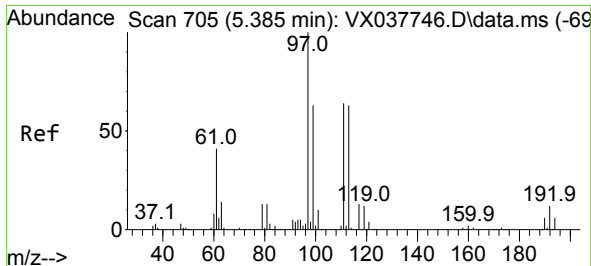
Tgt Ion: 65 Resp: 174524
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037781.D
 Acq: 18 Sep 2023 17:13

Tgt Ion:114 Resp: 474487
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 15.6 0.0 36.6

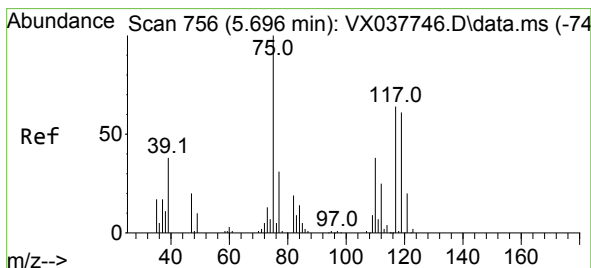
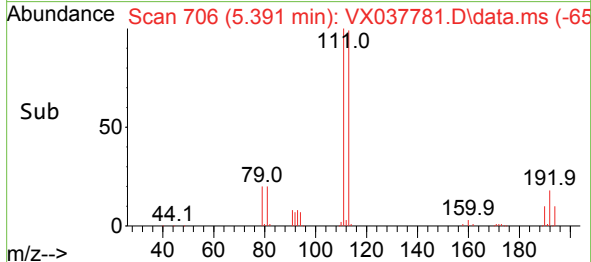
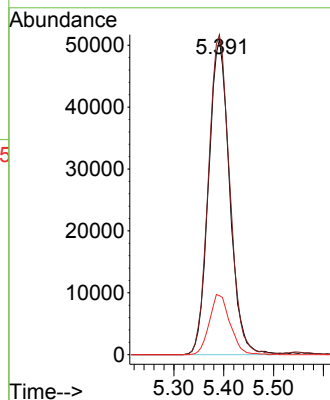
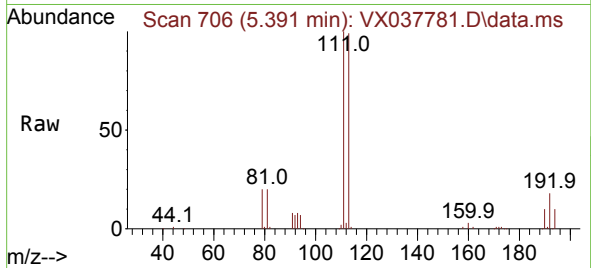




#35
Dibromofluoromethane
Concen: 46.852 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

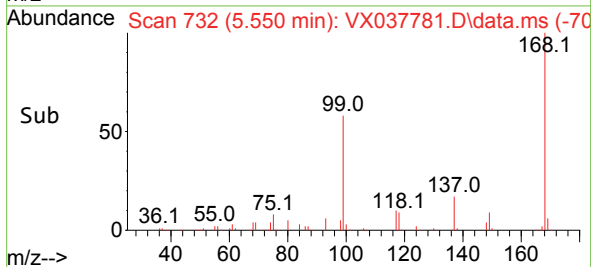
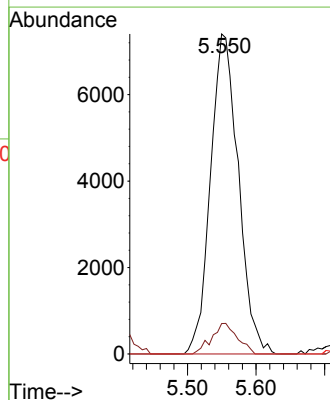
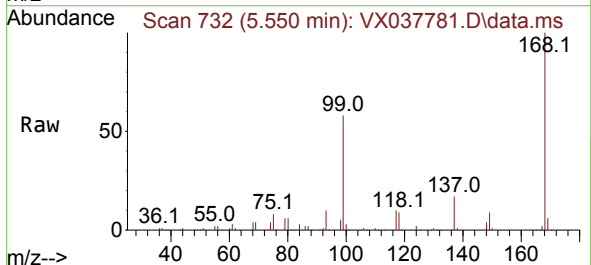
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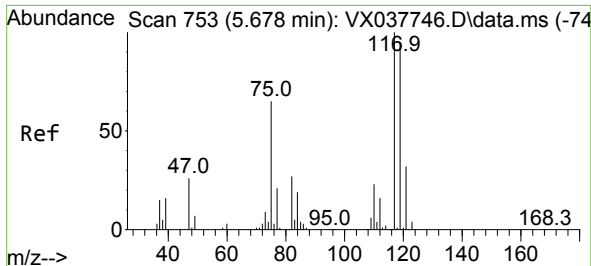
Tgt Ion:113 Resp: 148748
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

Tgt Ion: 75 Resp: 20902
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#

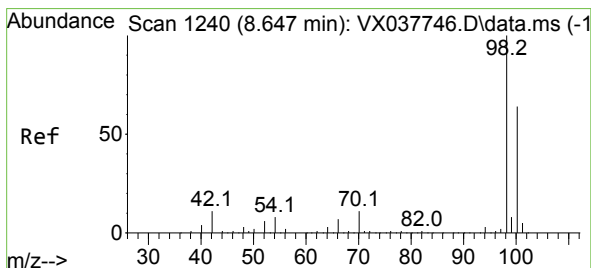
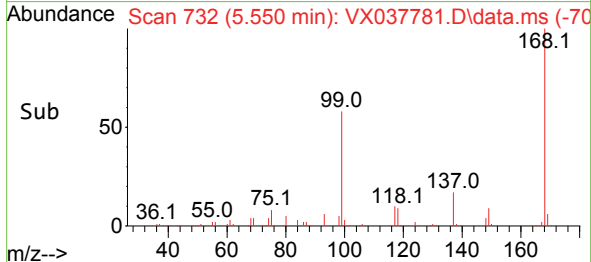
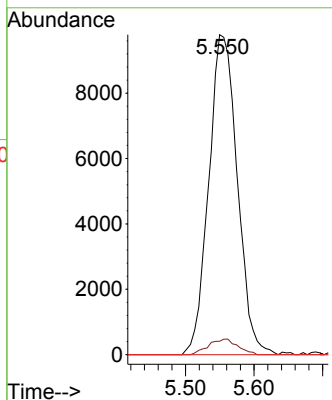
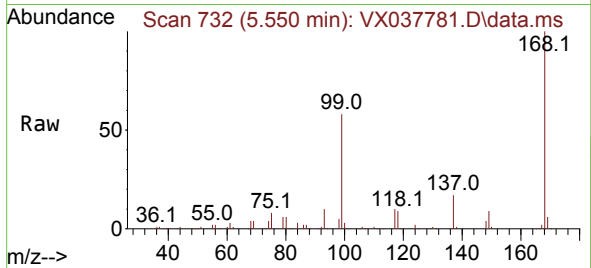




#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

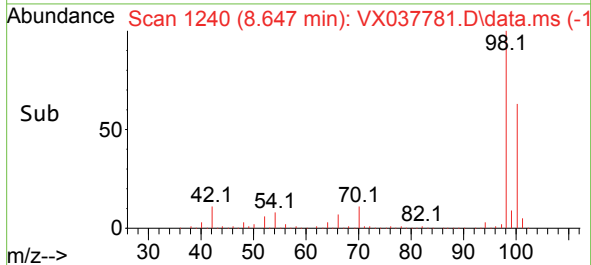
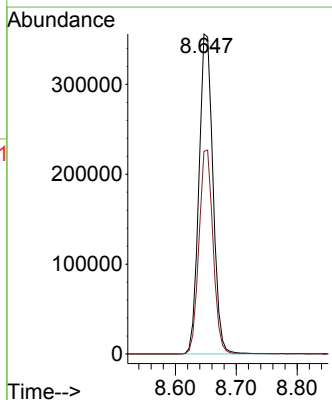
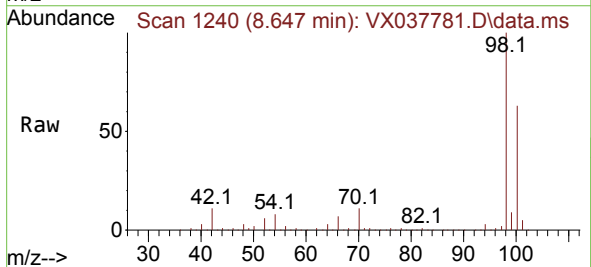
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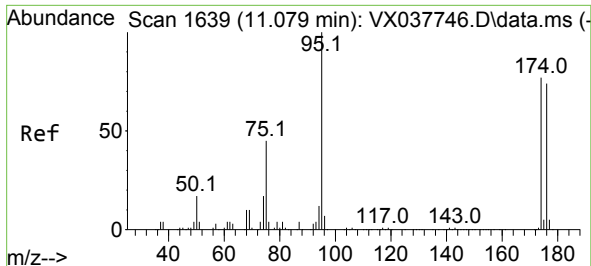
Tgt Ion:117 Resp: 28323
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

Tgt Ion: 98 Resp: 570374
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

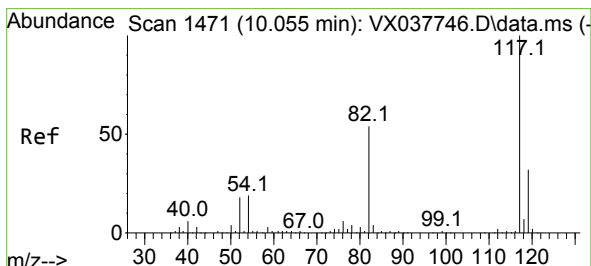
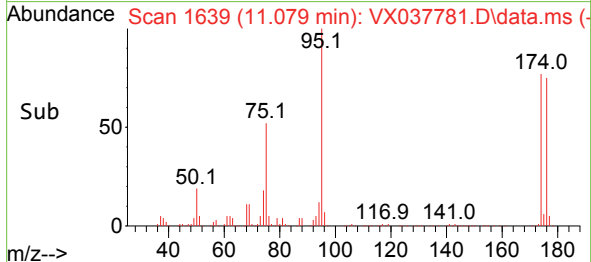
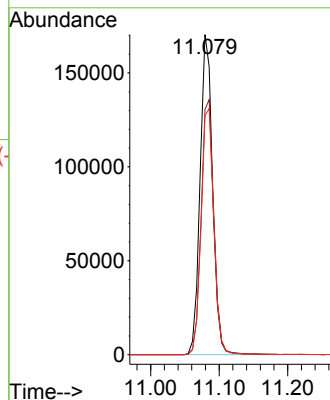
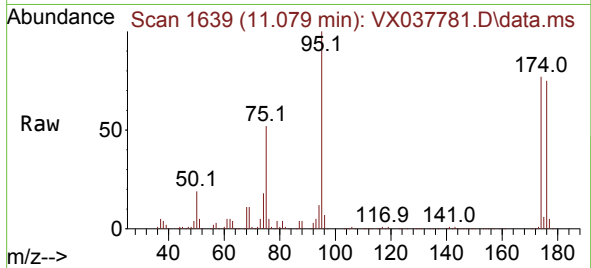




#62
4-Bromofluorobenzene
Concen: 50.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

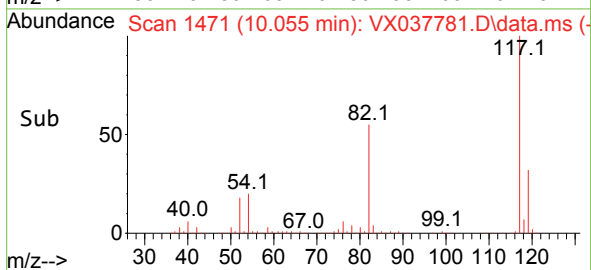
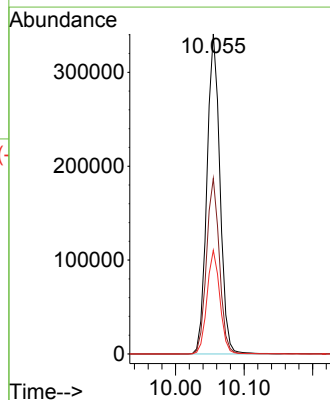
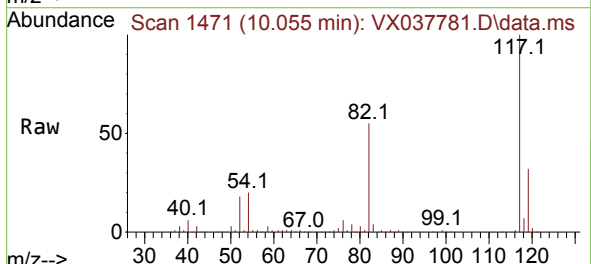
Instrument :
MSVOA_X
ClientSampleId :
TB-20230905

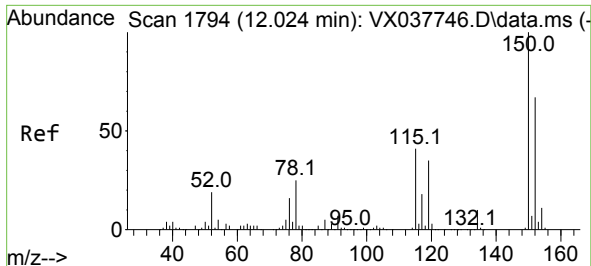
Tgt Ion: 95 Resp: 216310
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 78.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

Tgt Ion: 117 Resp: 450510
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.4 25.5 38.3

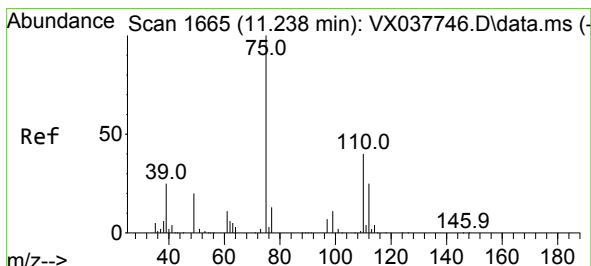
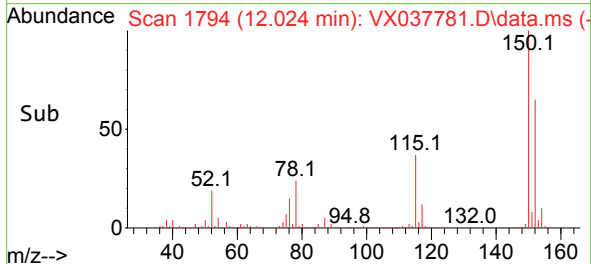
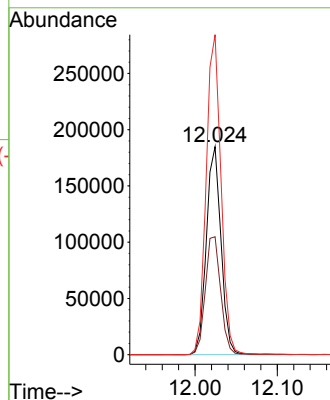
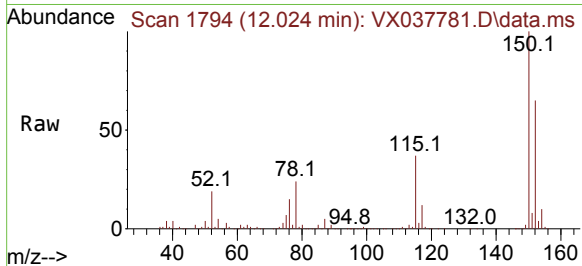




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037781.D
 Acq: 18 Sep 2023 17:13

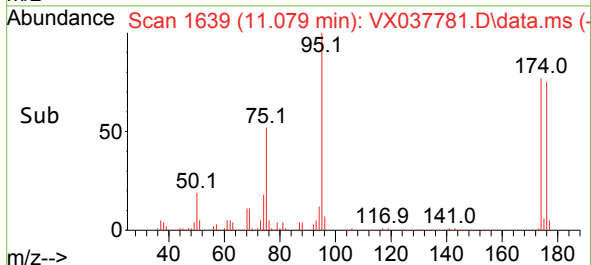
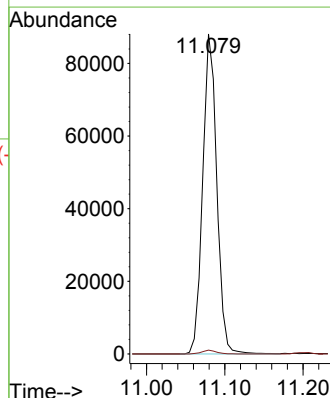
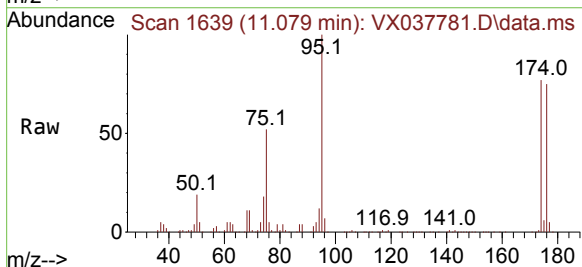
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230905

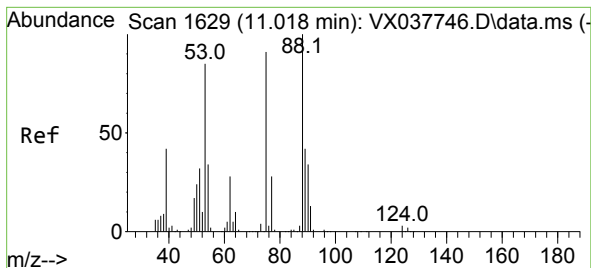
Tgt Ion:152 Resp: 229770
 Ion Ratio Lower Upper
 152 100
 115 59.4 43.3 129.9
 150 155.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.695 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037781.D
 Acq: 18 Sep 2023 17:13

Tgt Ion: 75 Resp: 109982
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

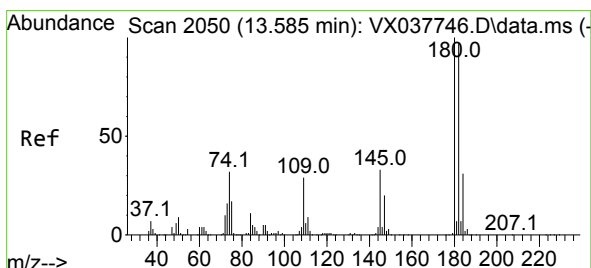
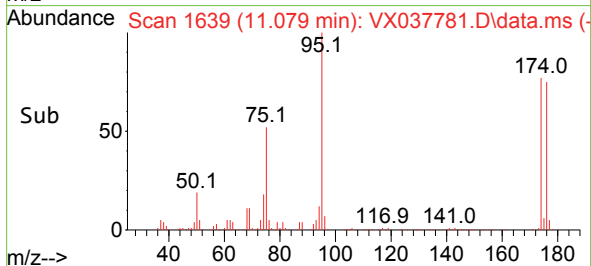
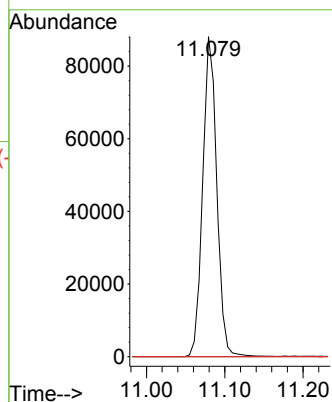
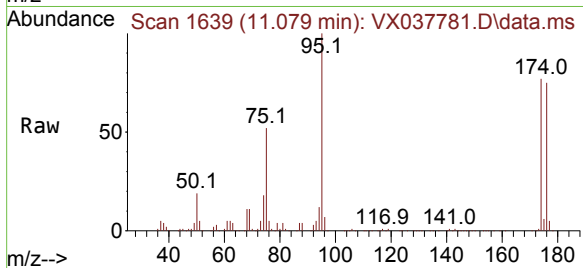




#81
trans-1,4-Dichloro-2-butene
Concen: 66.295 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

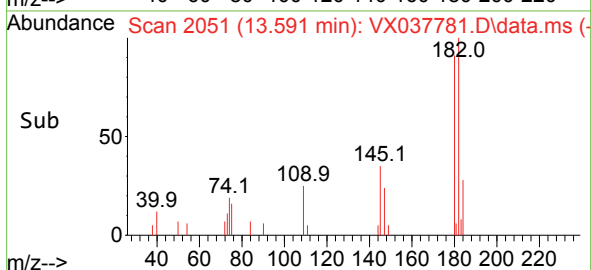
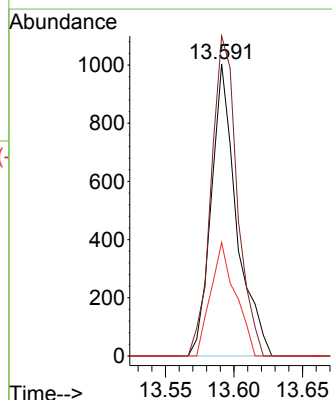
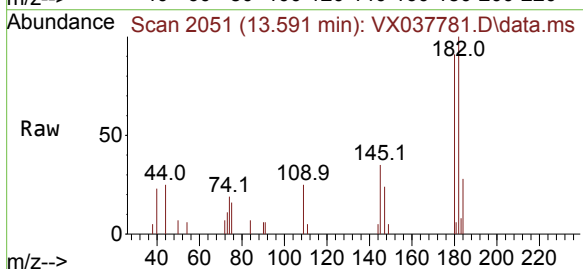
Instrument :
MSVOA_X
ClientSampleId :
TB-20230905

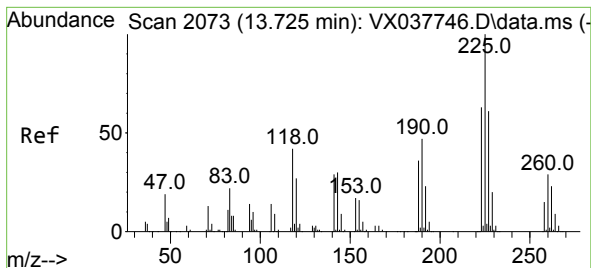
Tgt Ion: 75 Resp: 109982
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.276 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037781.D
Acq: 18 Sep 2023 17:13

Tgt Ion: 180 Resp: 1289
Ion Ratio Lower Upper
180 100
182 112.0 48.3 144.8
145 37.9 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.279 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037781.D

Acq: 18 Sep 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

TB-20230905

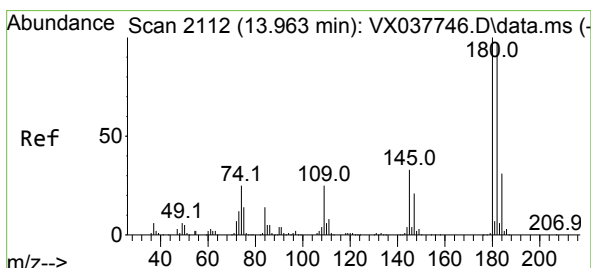
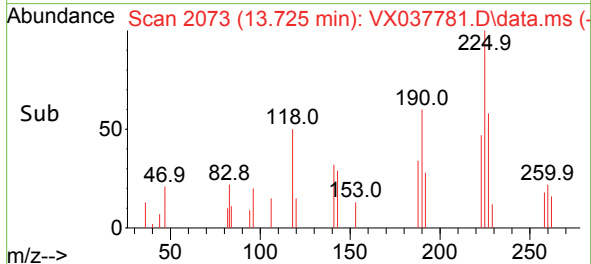
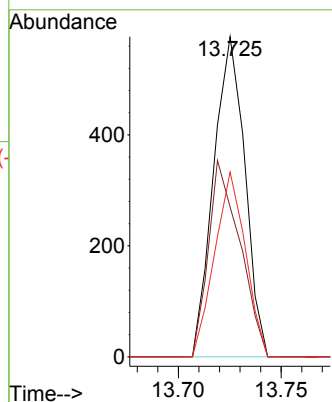
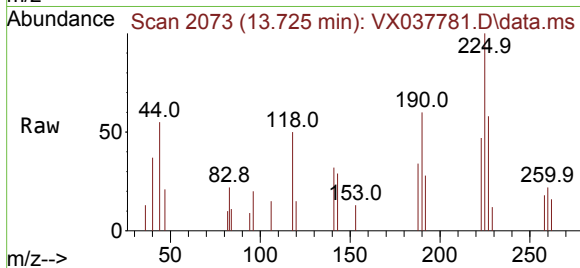
Tgt Ion:225 Resp: 610

Ion Ratio Lower Upper

225 100

223 61.5 31.1 93.2

227 56.9 32.5 97.5



#96

1,2,3-Trichlorobenzene

Concen: 0.231 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037781.D

Acq: 18 Sep 2023 17:13

Tgt Ion:180 Resp: 1114

Ion Ratio Lower Upper

180 100

182 86.1 46.9 140.6

145 30.8 17.8 53.5

