

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037557.D
 Acq On : 06 Sep 2023 16:14
 Operator : JC/MD
 Sample : 04287-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-37.5-090123

Quant Time: Sep 06 22:47:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73868	39.189	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.380%
35) Dibromofluoromethane	5.391	113	65233	45.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.653	98	250346	48.372	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.079	95	89246	43.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.760%

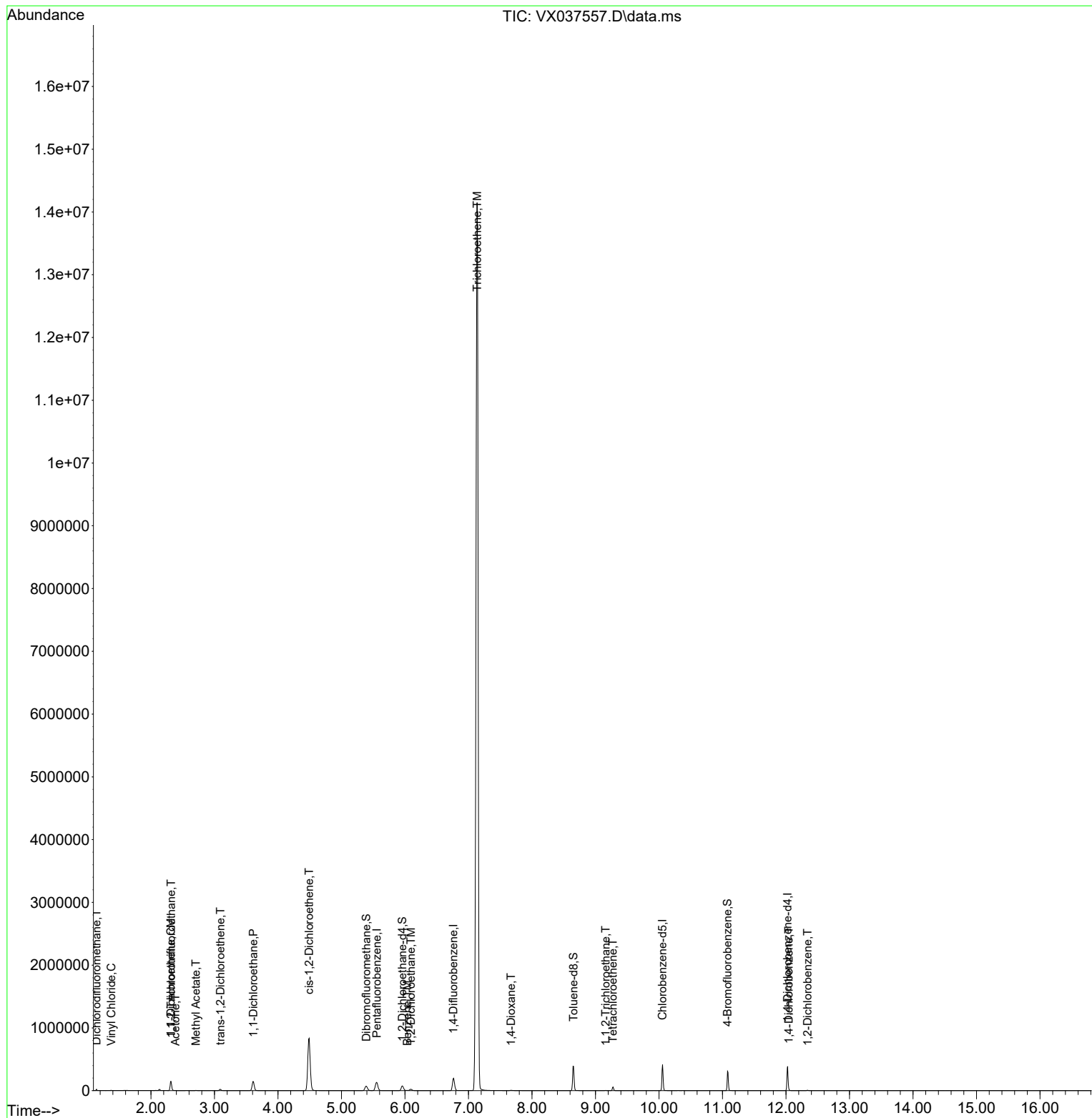
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.142	85	1995	1.314	ug/l	93
4) Vinyl Chloride	1.374	62	3790	2.621	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	6497	4.701	ug/l	98
12) 1,1-Dichloroethene	2.313	96	50841	37.775	ug/l	81
16) Acetone	2.386	43	1735	2.353	ug/l #	89
18) Methyl Acetate	2.709	43	3931	1.416	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	9915	6.481	ug/l	81
24) 1,1-Dichloroethane	3.611	63	167600	62.521	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	573632	318.034	ug/l	77
40) Benzene	6.038	78	3750	0.645	ug/l	97
42) 1,2-Dichloroethane	6.092	62	25827	11.329	ug/l	91
44) Trichloroethene	7.135	130	6259594	3797.239	ug/l	96
49) 1,4-Dioxane	7.671	88	5570	129.005	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	1103	0.705	ug/l	91
64) Tetrachloroethene	9.275	164	10996	7.854	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	6363	2.231	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	2469	0.913	ug/l	94

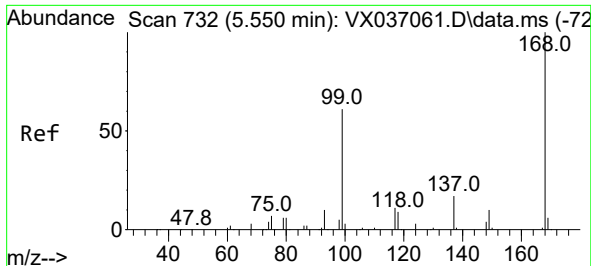
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
Data File : VX037557.D
Acq On : 06 Sep 2023 16:14
Operator : JC/MD
Sample : 04287-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

Quant Time: Sep 06 22:47:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

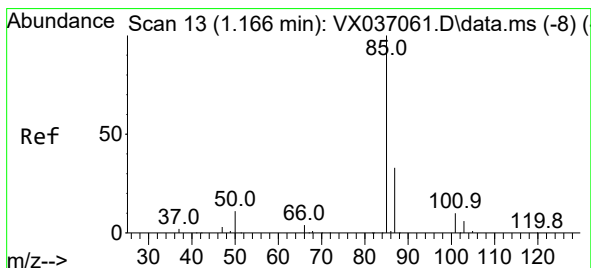
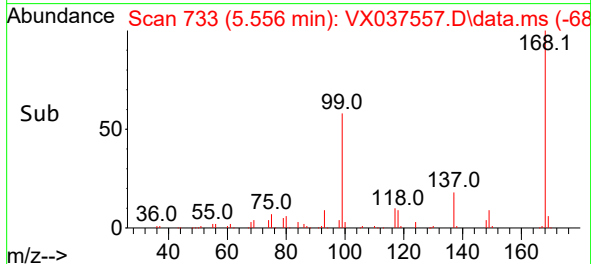
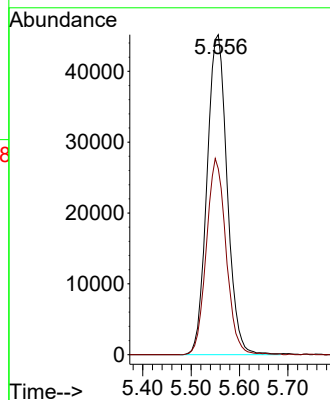
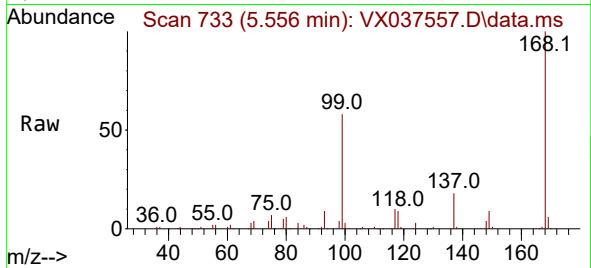




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

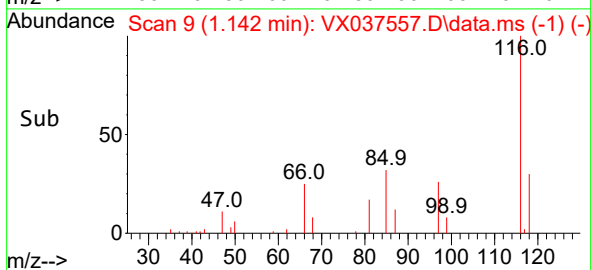
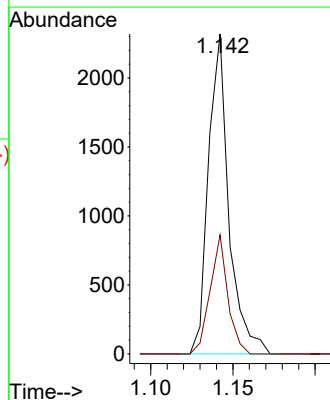
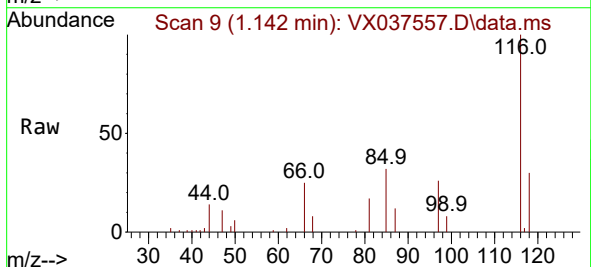
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

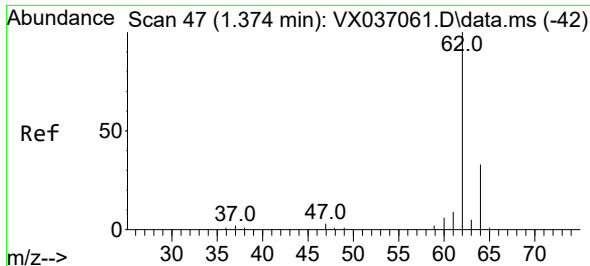
Tgt Ion:168 Resp: 130745
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 1.314 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion: 85 Resp: 1995
Ion Ratio Lower Upper
85 100
87 37.2 16.7 50.1

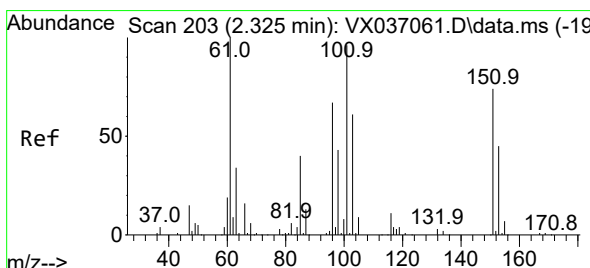
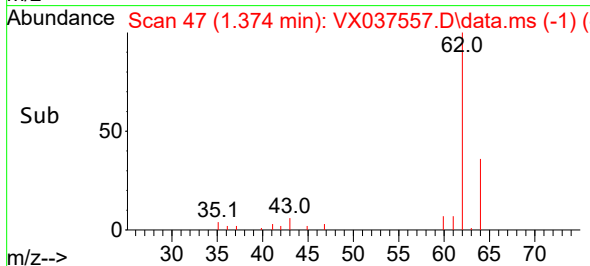
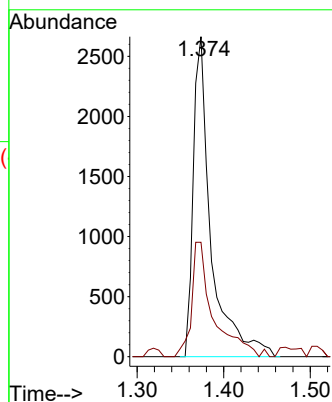
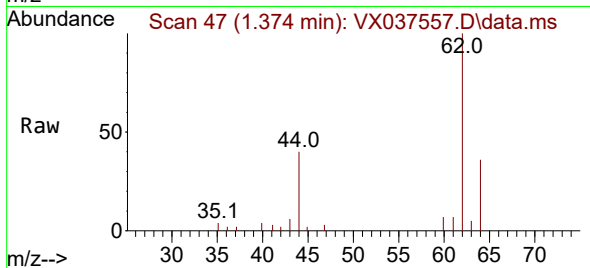




#4
 Vinyl Chloride
 Concen: 2.621 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX037557.D
 Acq: 06 Sep 2023 16:14

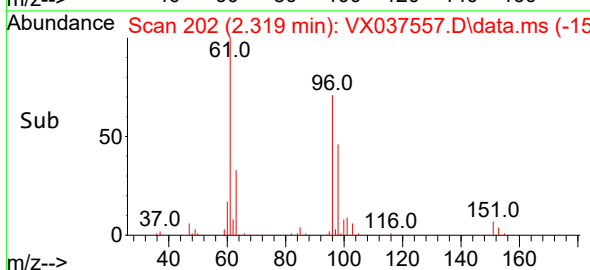
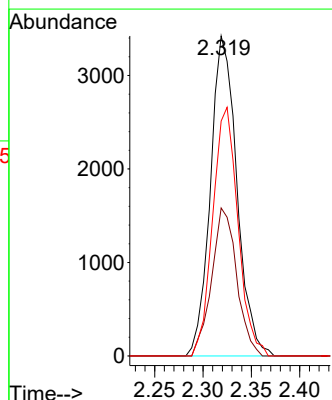
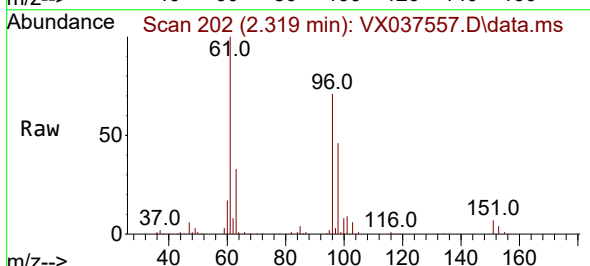
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-37.5-090123

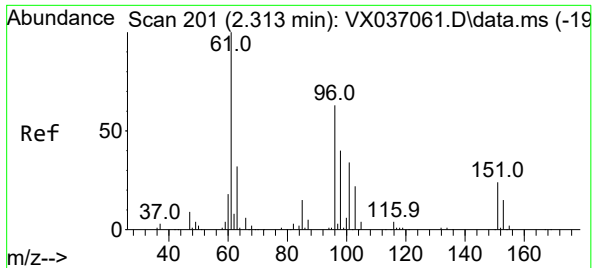
Tgt Ion: 62 Resp: 3790
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.4 38.0



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.701 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX037557.D
 Acq: 06 Sep 2023 16:14

Tgt Ion: 101 Resp: 6497
 Ion Ratio Lower Upper
 101 100
 85 43.8 37.0 55.6
 151 74.2 58.6 87.8





#12

1,1-Dichloroethene

Concen: 37.775 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037557.D

Acq: 06 Sep 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

MW-11B-37.5-090123

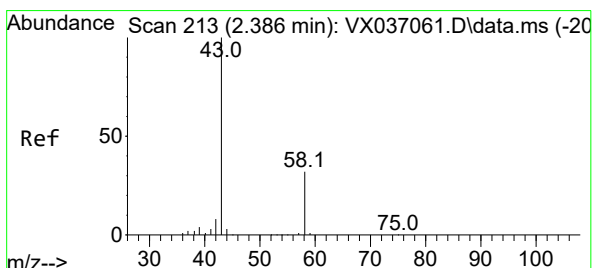
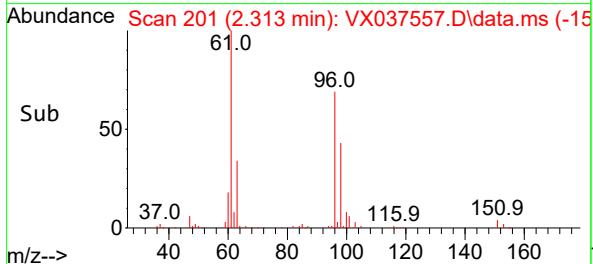
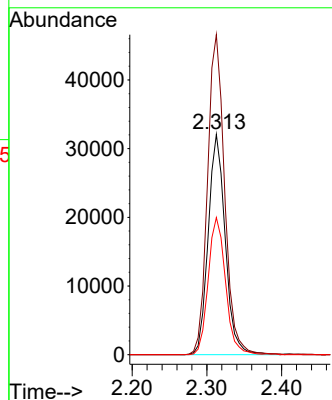
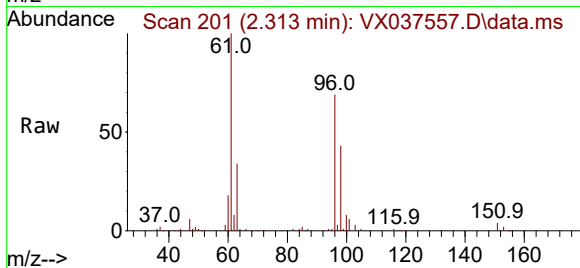
Tgt Ion: 96 Resp: 50841

Ion Ratio Lower Upper

96 100

61 145.2 144.6 216.8

98 62.2 50.4 75.6



#16

Acetone

Concen: 2.353 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX037557.D

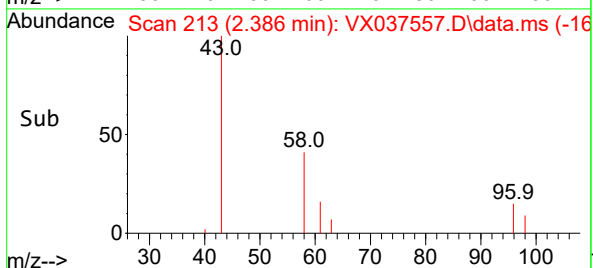
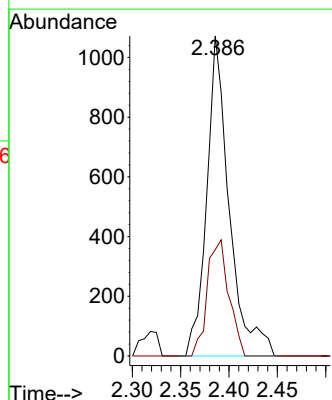
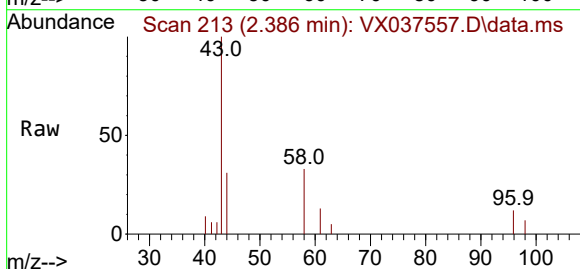
Acq: 06 Sep 2023 16:14

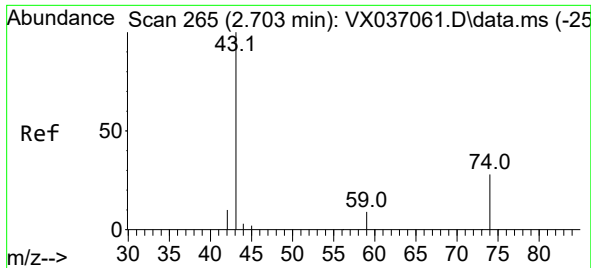
Tgt Ion: 43 Resp: 1735

Ion Ratio Lower Upper

43 100

58 33.2 21.9 32.9#

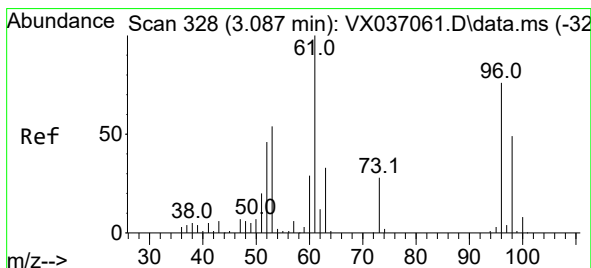
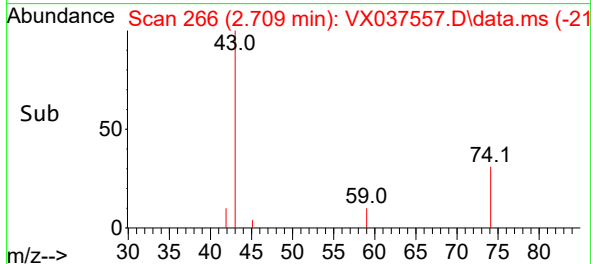
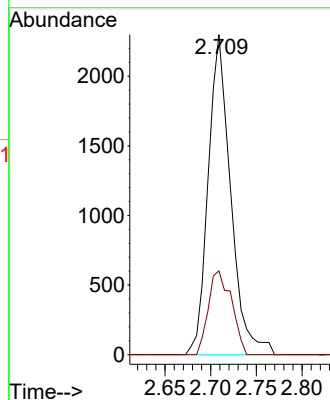
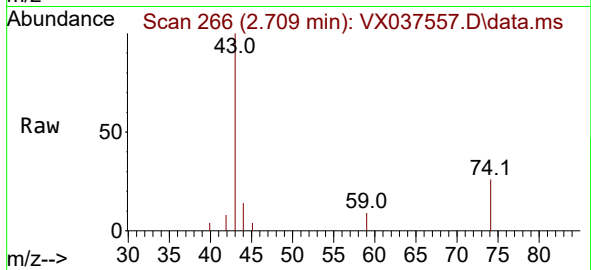




#18
Methyl Acetate
Concen: 1.416 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

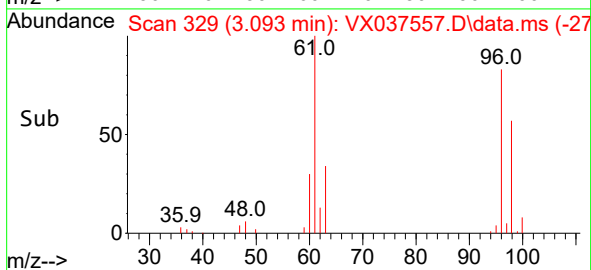
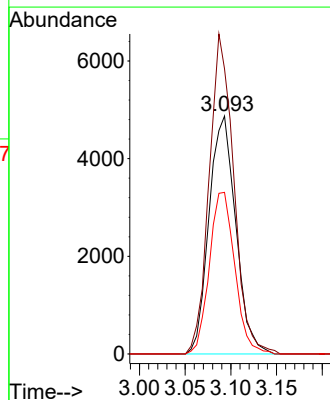
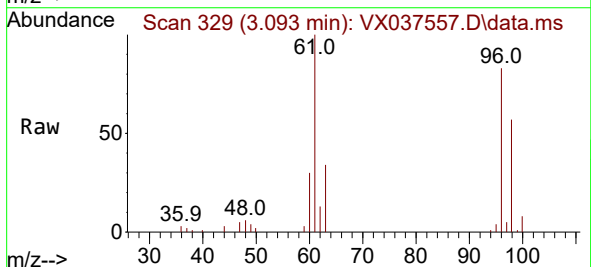
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

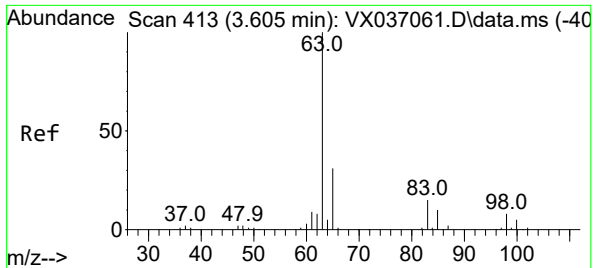
Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
74 26.9 17.8 26.8#



#21
trans-1,2-Dichloroethene
Concen: 6.481 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion: 96 Resp: 9915
Ion Ratio Lower Upper
96 100
61 119.8 119.2 178.8
98 67.9 48.7 73.1

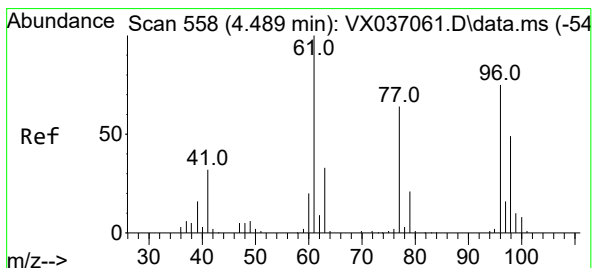
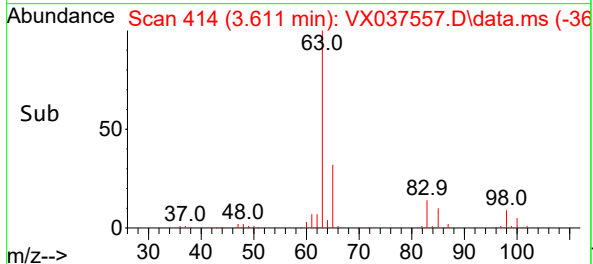
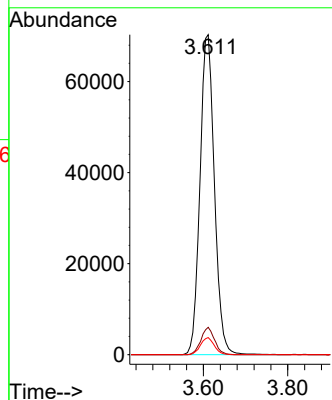
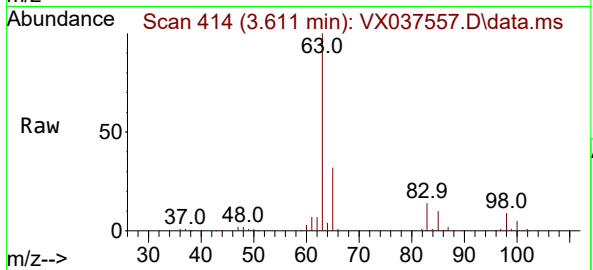




#24
1,1-Dichloroethane
Concen: 62.521 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

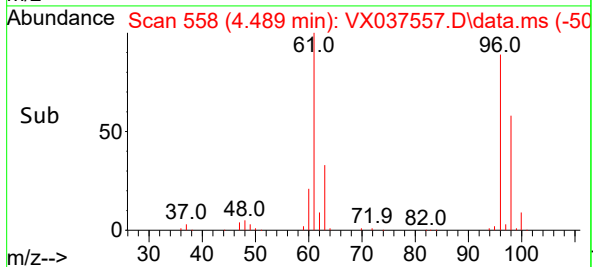
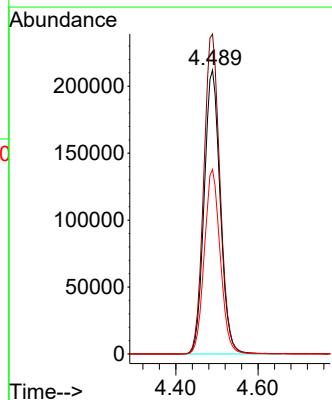
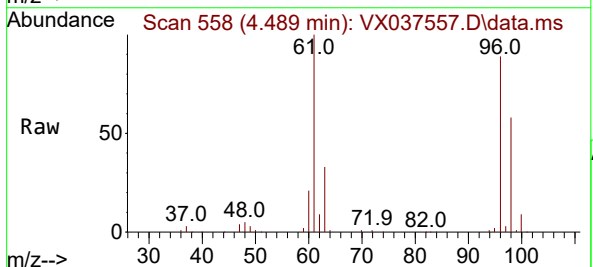
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

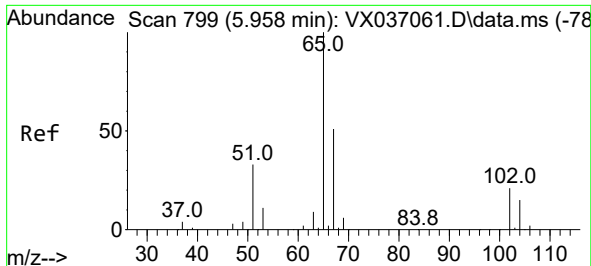
Tgt Ion: 63 Resp: 167600
Ion Ratio Lower Upper
63 100
98 8.5 3.3 9.8
100 5.4 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 318.034 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion: 96 Resp: 573632
Ion Ratio Lower Upper
96 100
61 114.0 0.0 312.2
98 64.4 0.0 129.0

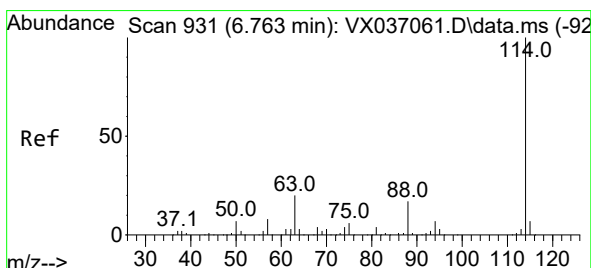
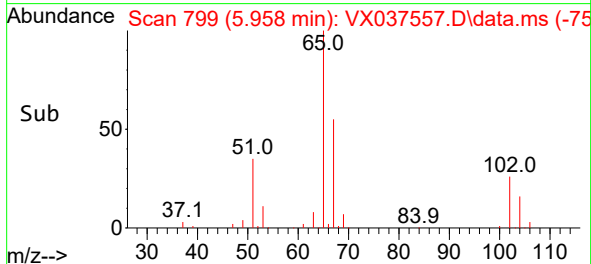
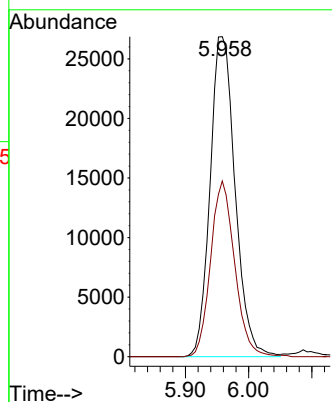
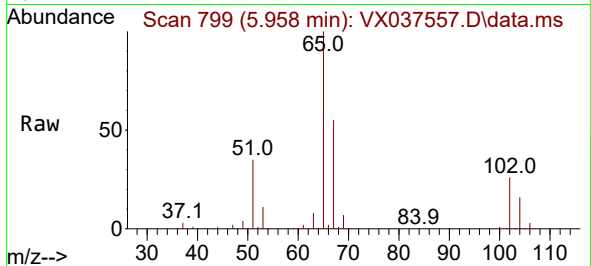




#33
1,2-Dichloroethane-d4
Concen: 39.189 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

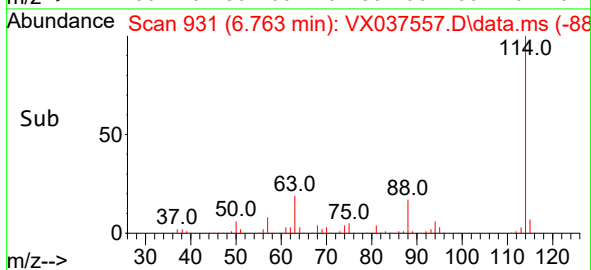
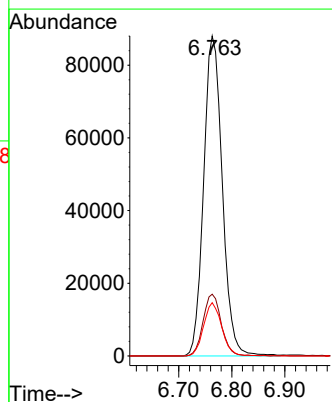
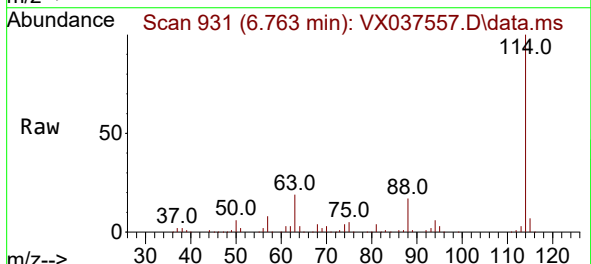
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

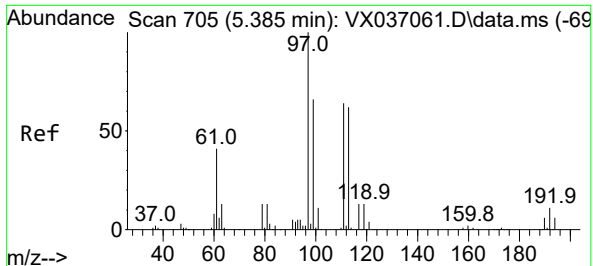
Tgt Ion: 65 Resp: 73868
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion: 114 Resp: 215432
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.7 0.0 36.6

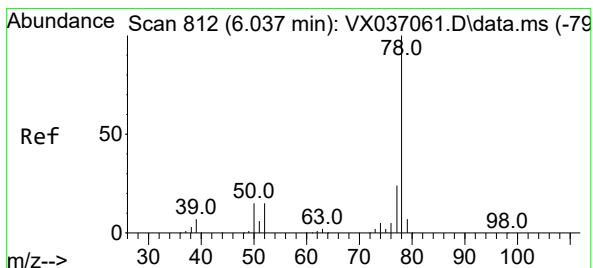
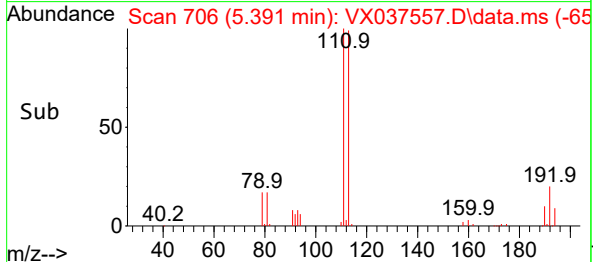
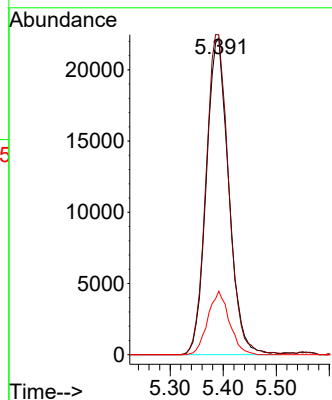
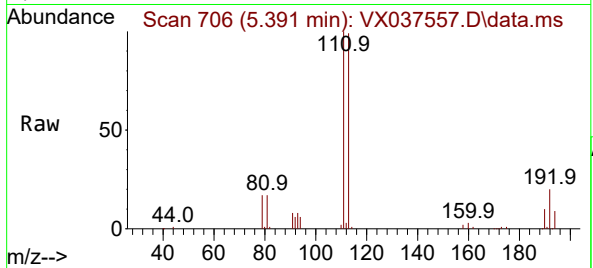




#35
Dibromofluoromethane
Concen: 45.721 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

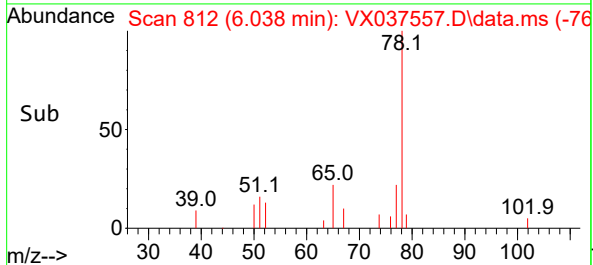
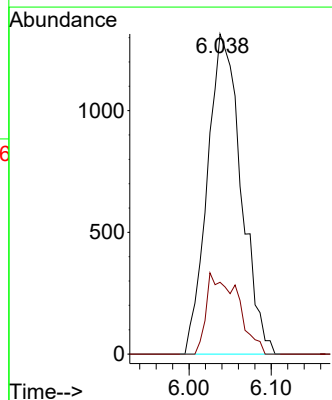
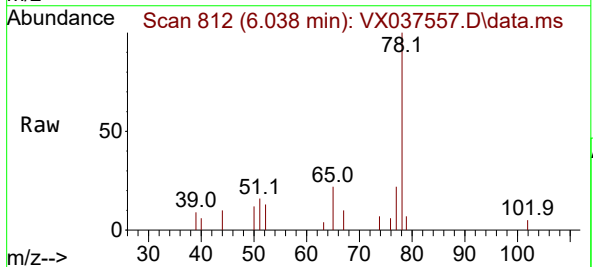
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

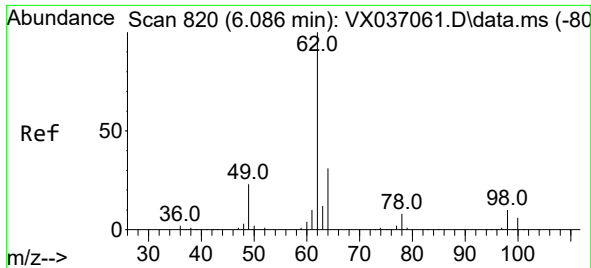
Tgt Ion:113 Resp: 65233
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.3 13.3 19.9



#40
Benzene
Concen: 0.645 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion: 78 Resp: 3750
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9

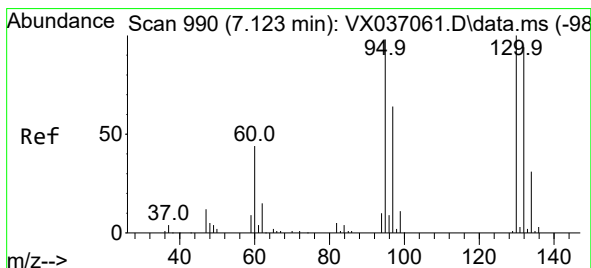
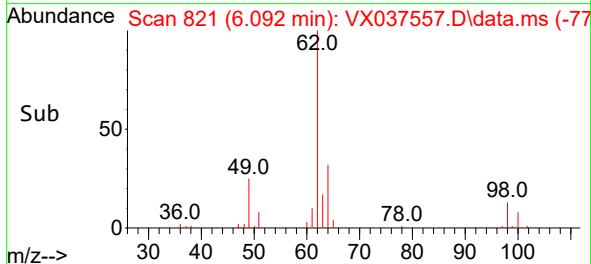
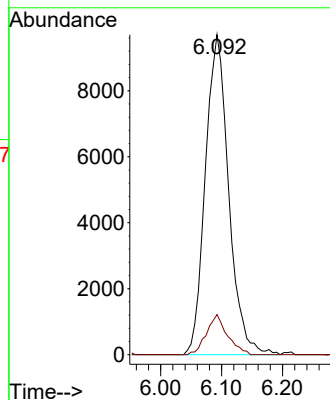
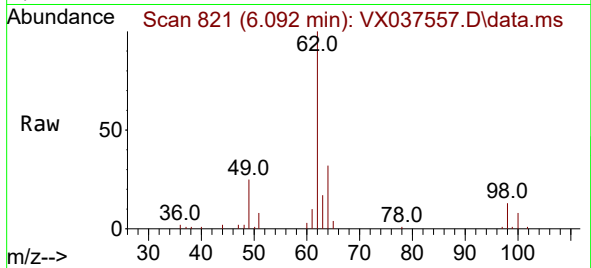




#42
1,2-Dichloroethane
Concen: 11.329 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

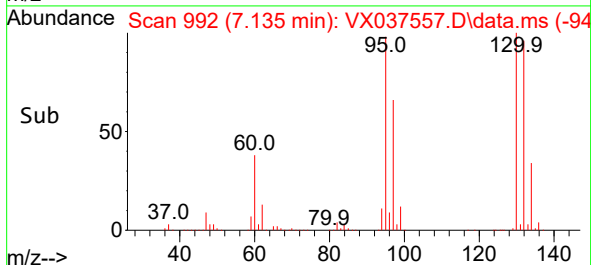
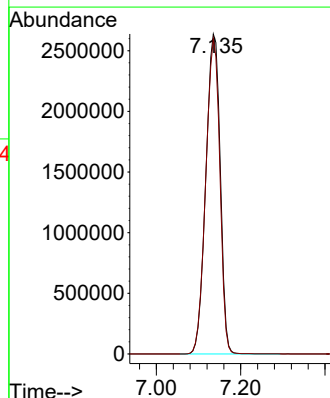
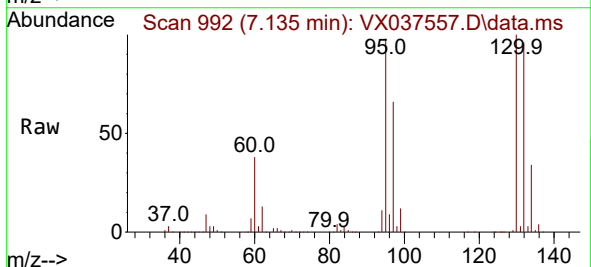
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

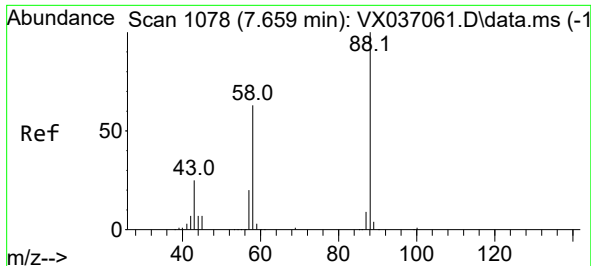
Tgt Ion: 62 Resp: 25827
Ion Ratio Lower Upper
62 100
98 11.2 0.0 16.0



#44
Trichloroethene
Concen: 3797.239 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion:130 Resp: 6259594
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.4





#49

1,4-Dioxane

Concen: 129.005 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX037557.D

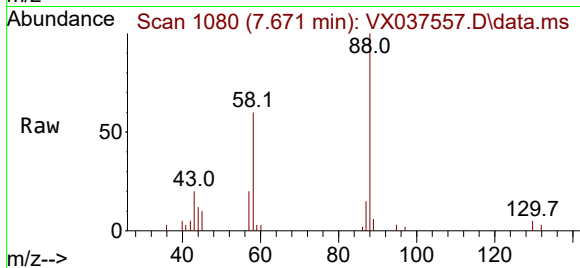
Acq: 06 Sep 2023 16:14

Instrument :

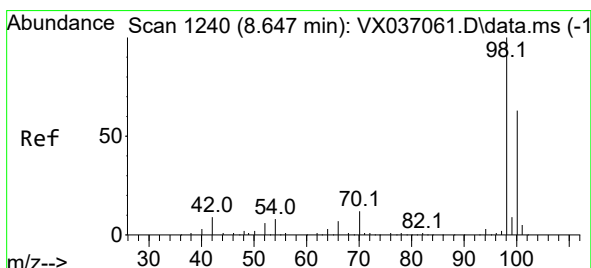
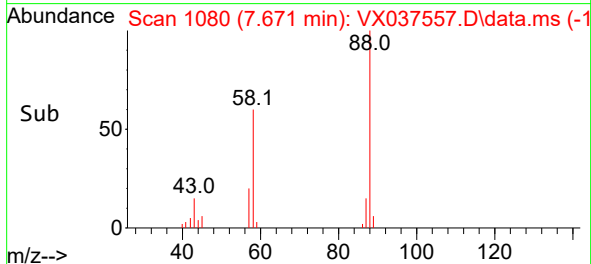
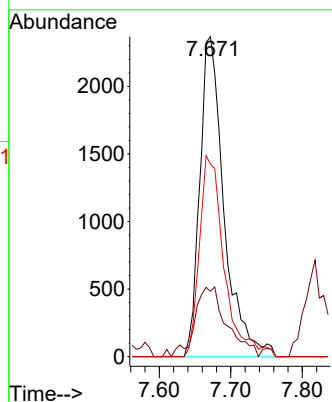
MSVOA_X

ClientSampleId :

MW-11B-37.5-090123



Tgt Ion:	88	Resp:	5570
Ion	Ratio	Lower	Upper
88	100		
43	29.1	0.0	0.0#
58	63.9	60.1	90.1



#50

Toluene-d8

Concen: 48.372 ug/l

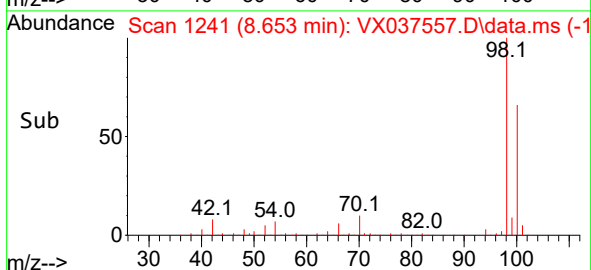
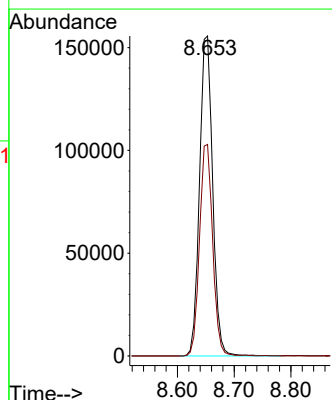
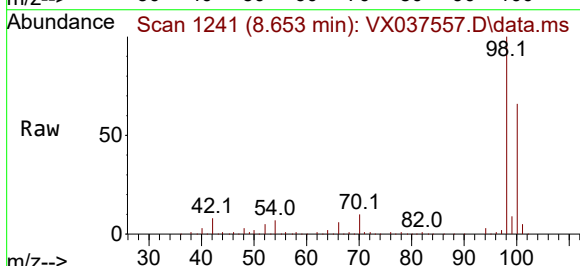
RT: 8.653 min Scan# 1241

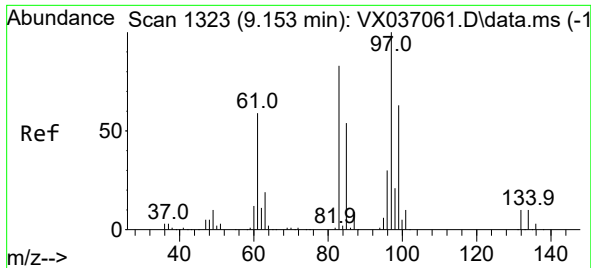
Delta R.T. 0.006 min

Lab File: VX037557.D

Acq: 06 Sep 2023 16:14

Tgt Ion:	98	Resp:	250346
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

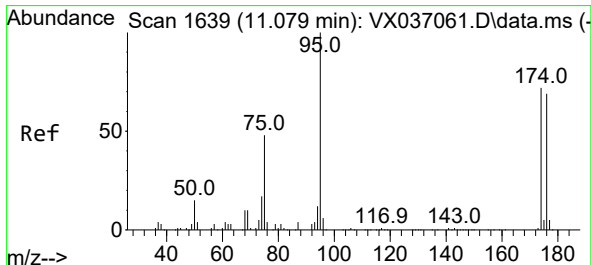
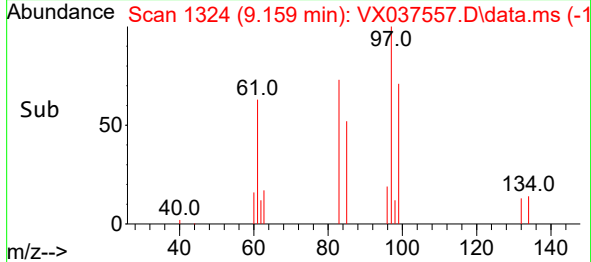
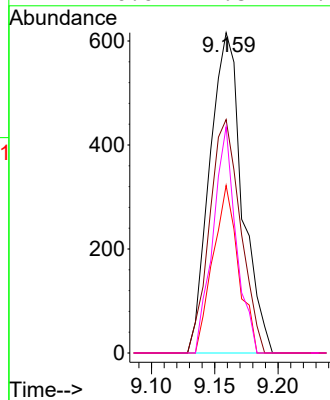
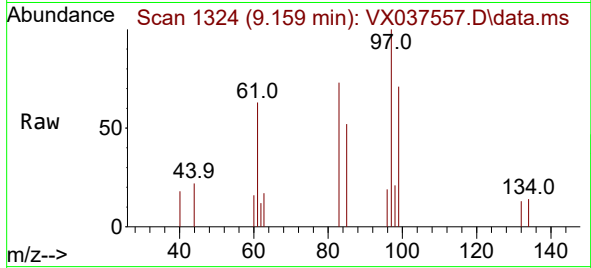




#55
1,1,2-Trichloroethane
Concen: 0.705 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

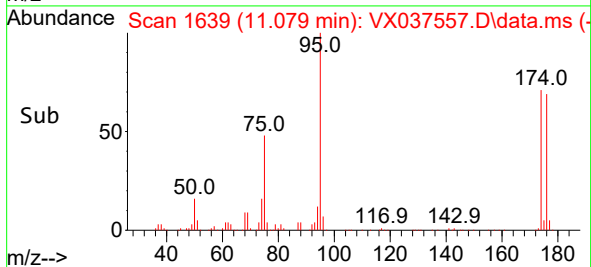
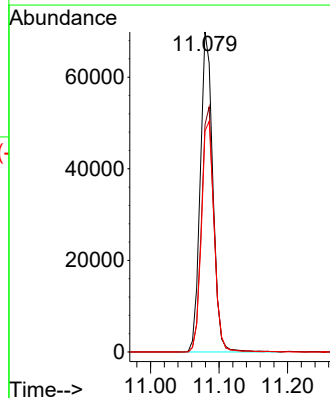
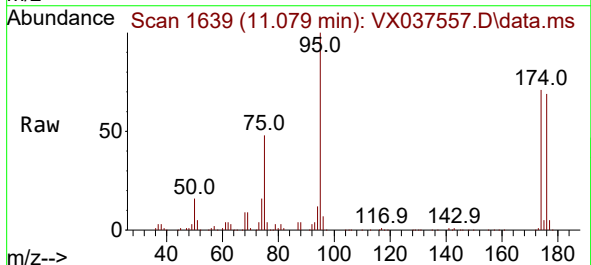
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

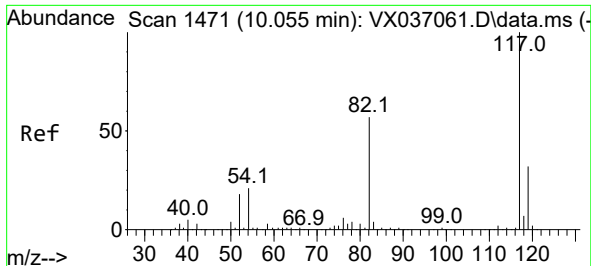
Tgt Ion: 97	Resp: 1103
Ion Ratio	Lower Upper
97 100	
83 72.9	65.8 98.8
85 52.3	41.6 62.4
99 70.6	47.8 71.8



#62
4-Bromofluorobenzene
Concen: 43.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion: 95	Resp: 89246
Ion Ratio	Lower Upper
95 100	
174 75.7	0.0 135.6
176 73.3	0.0 131.0

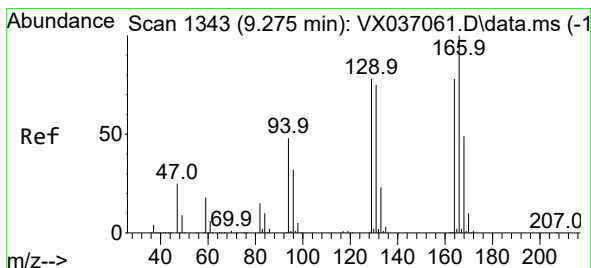
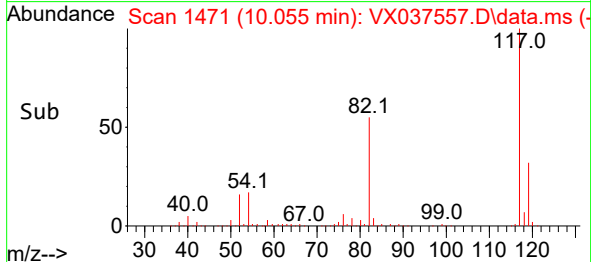
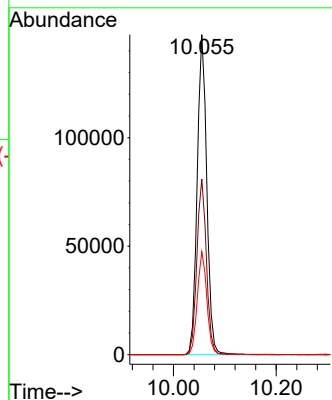
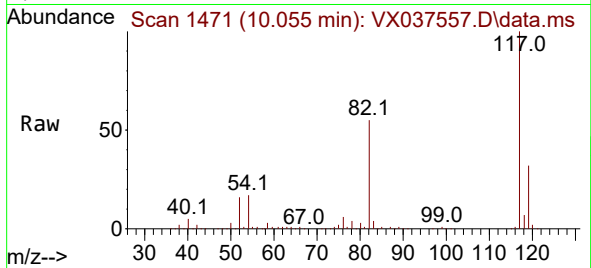




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

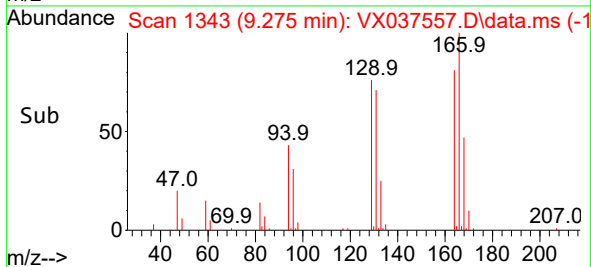
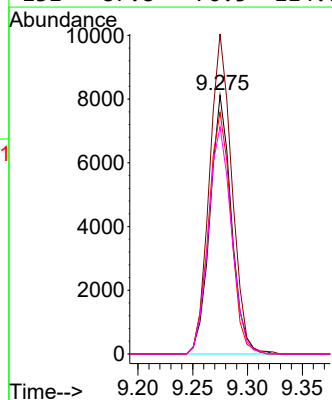
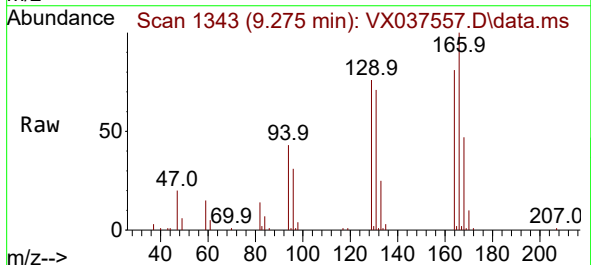
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

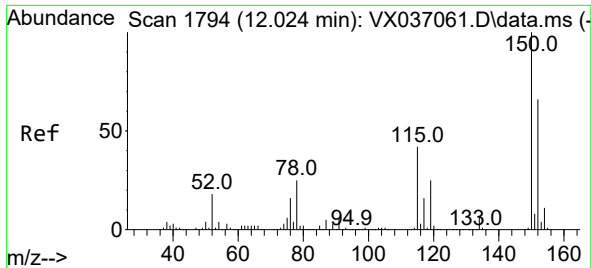
Tgt Ion:117 Resp: 191905
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 7.854 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion:164 Resp: 10996
Ion Ratio Lower Upper
164 100
166 123.7 102.7 154.1
129 93.4 80.4 120.6
131 87.8 76.5 114.7

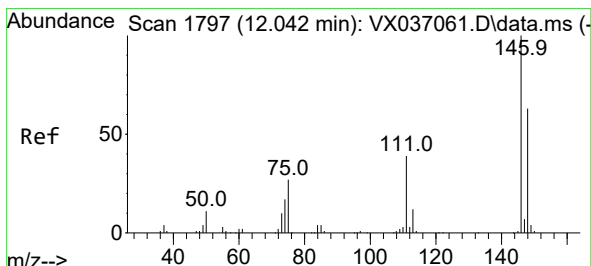
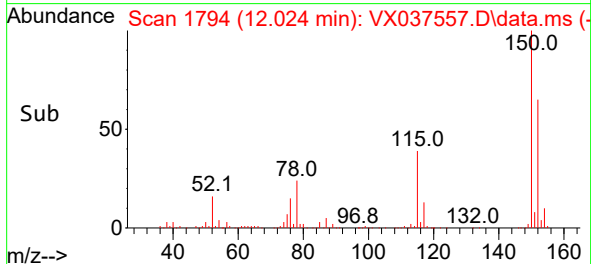
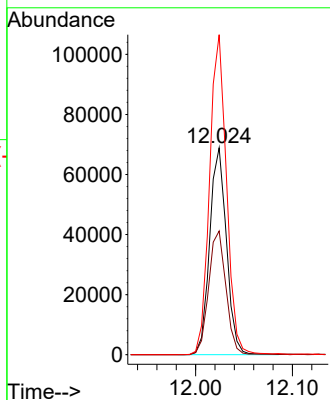
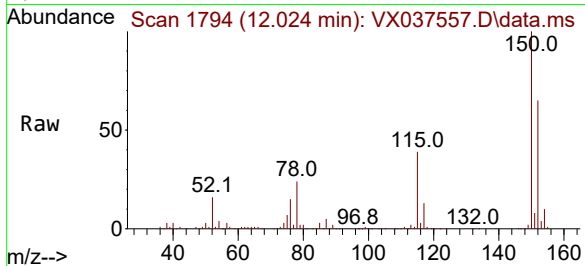




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

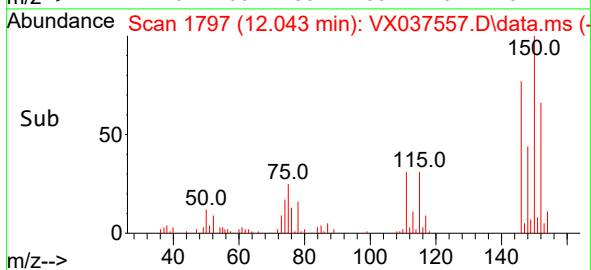
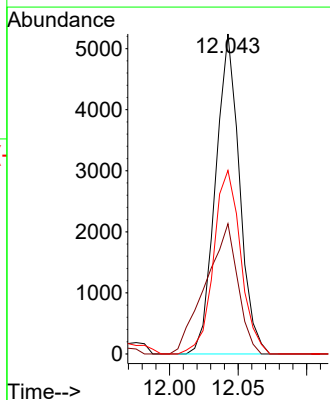
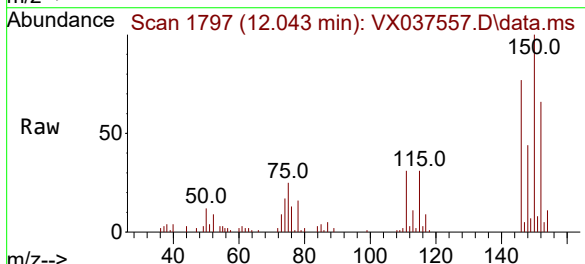
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-090123

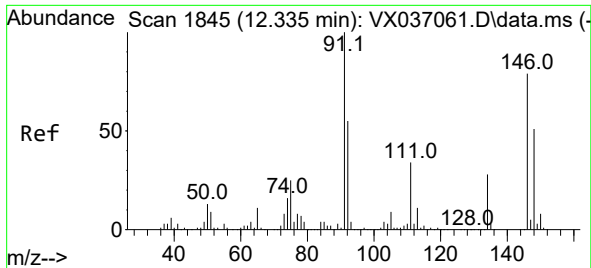
Tgt Ion:152 Resp: 83066
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 156.1 0.0 345.0



#88
1,4-Dichlorobenzene
Concen: 2.231 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX037557.D
Acq: 06 Sep 2023 16:14

Tgt Ion:146 Resp: 6363
Ion Ratio Lower Upper
146 100
111 54.8 21.3 63.7
148 65.1 31.8 95.4





#91

1,2-Dichlorobenzene

Concen: 0.913 ug/l

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037557.D

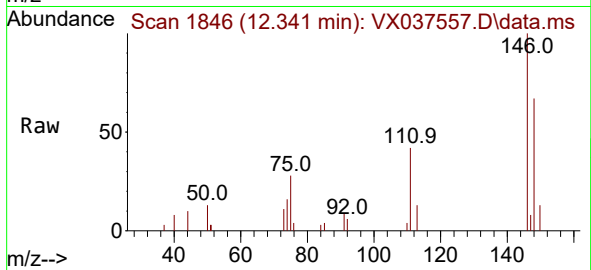
Acq: 06 Sep 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

MW-11B-37.5-090123



Tgt Ion:146 Resp: 2469

Ion Ratio Lower Upper

146 100

111 42.9 22.4 67.0

148 70.0 31.6 95.0

