

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037561.D
 Acq On : 06 Sep 2023 17:53
 Operator : JC/MD
 Sample : 04287-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B-42.5-090123-3V

Quant Time: Sep 06 22:47:49 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)

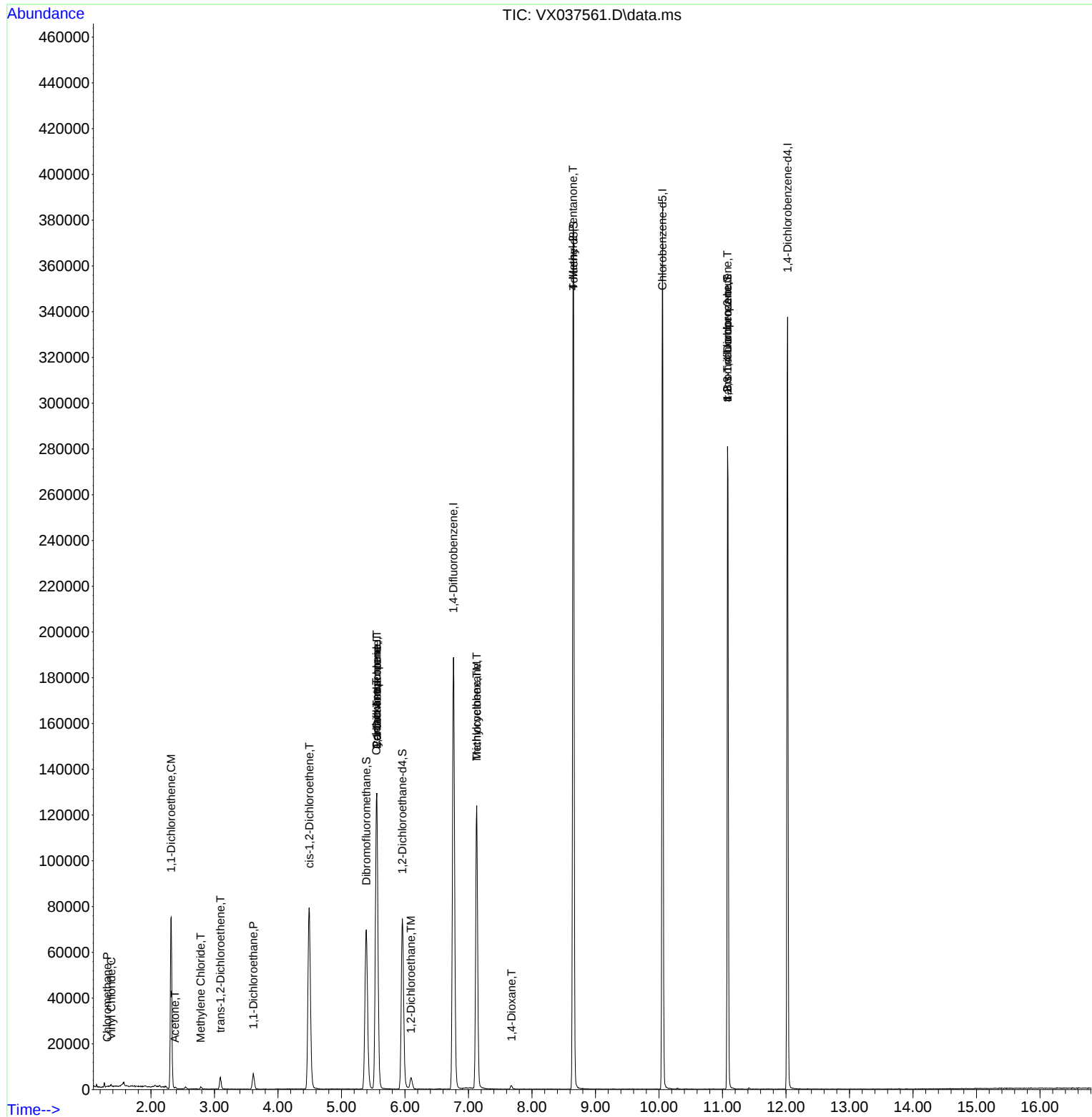
Internal Standards						
1) Pentafluorobenzene	5.556	168	123787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72369	40.552	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.100%		
35) Dibromofluoromethane	5.391	113	63057	46.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.400%		
50) Toluene-d8	8.653	98	242588	49.525	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	81993	42.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.180%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	388	0.308	ug/l #	43
4) Vinyl Chloride	1.374	62	490	0.358	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	27262	21.394	ug/l	80
16) Acetone	2.380	43	938	1.344	ug/l #	89
20) Methylene Chloride	2.782	84	530	0.339	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	2151	1.485	ug/l	95
24) 1,1-Dichloroethane	3.611	63	7594	2.992	ug/l #	88
27) cis-1,2-Dichloroethene	4.495	96	55440	32.465	ug/l	77
31) Cyclohexane	5.550	56	2120	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9224	4.808	ug/l #	52
38) Carbon Tetrachloride	5.556	117	12960	6.219	ug/l #	16
39) Methylcyclohexane	7.129	83	606	0.301	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	5945	2.755	ug/l	91
44) Trichloroethene	7.129	130	50619	32.444	ug/l	92
49) 1,4-Dioxane	7.678	88	1533	37.514	ug/l #	84
51) 4-Methyl-2-Pentanone	8.647	43	765	0.405	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39486	25.288	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39486	70.632	ug/l #	5

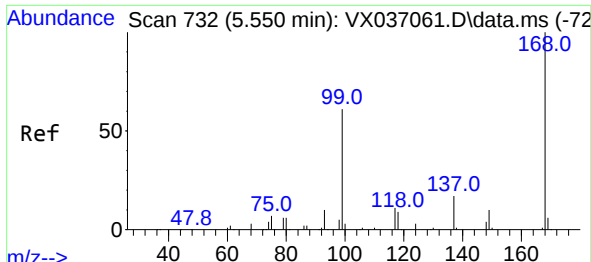
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

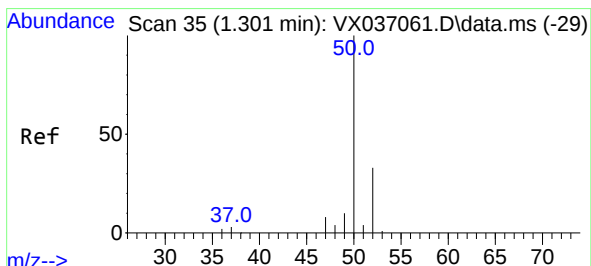
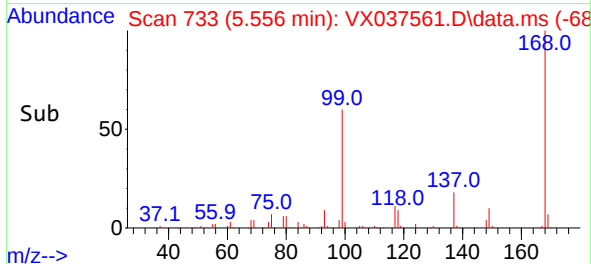
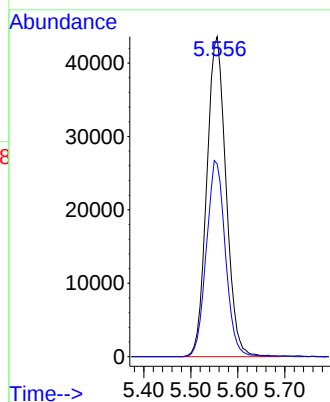
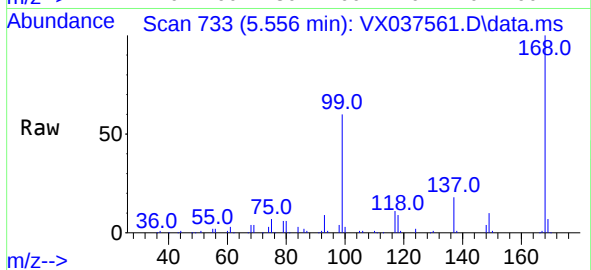




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

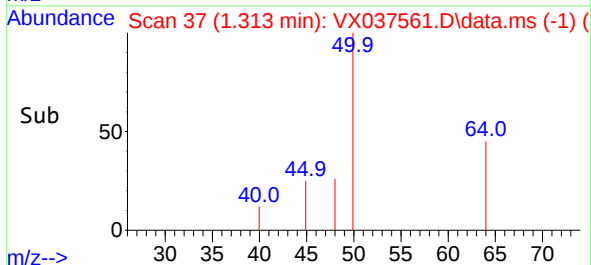
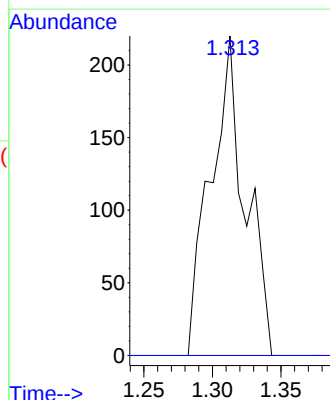
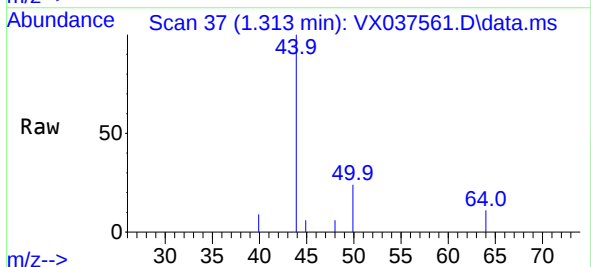
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090123-3V

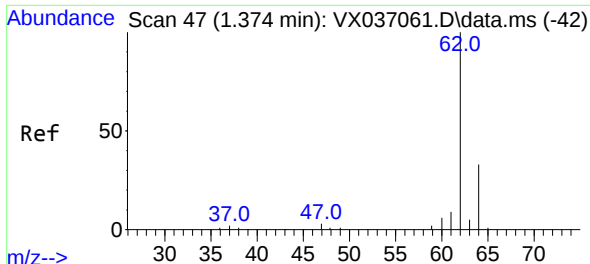
Tgt Ion:168 Resp: 123787
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#3
Chloromethane
Concen: 0.308 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

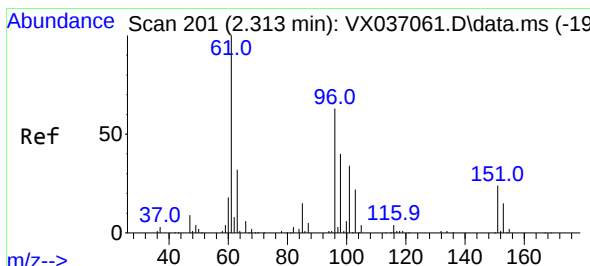
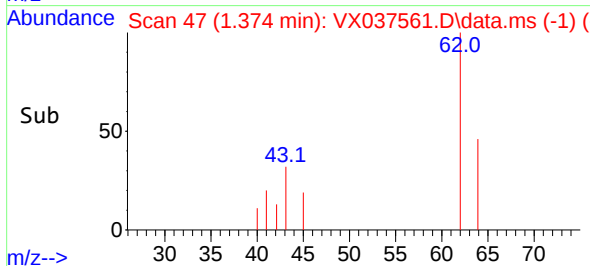
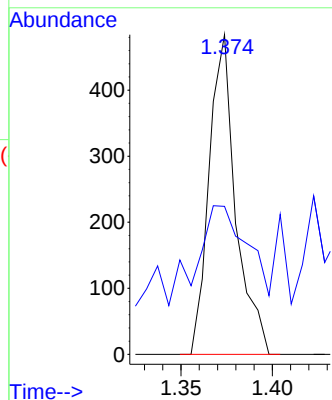
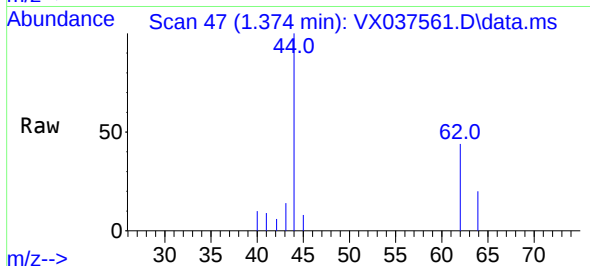




#4
 Vinyl Chloride
 Concen: 0.358 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX037561.D
 Acq: 06 Sep 2023 17:53

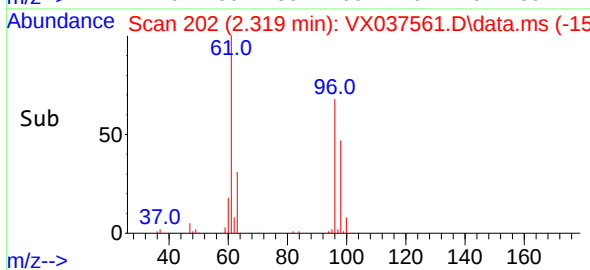
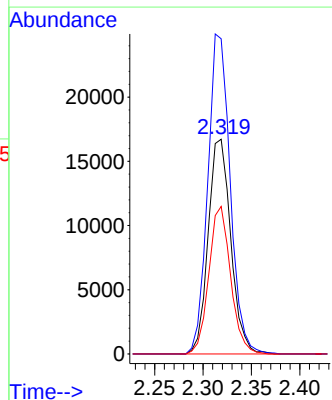
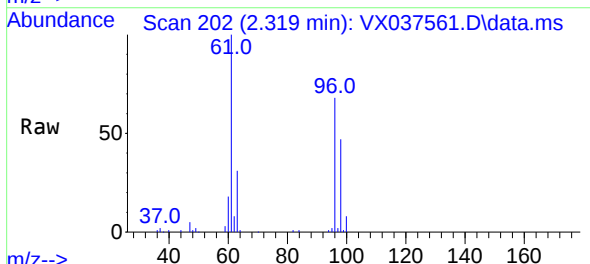
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B-42.5-090123-3V

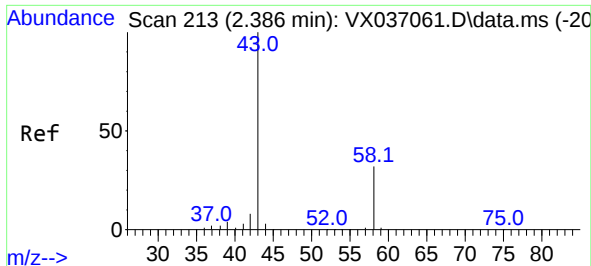
Tgt Ion: 62 Resp: 490
 Ion Ratio Lower Upper
 62 100
 64 16.7 25.4 38.0#



#12
 1,1-Dichloroethene
 Concen: 21.394 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.006 min
 Lab File: VX037561.D
 Acq: 06 Sep 2023 17:53

Tgt Ion: 96 Resp: 27262
 Ion Ratio Lower Upper
 96 100
 61 146.8 144.6 216.8
 98 68.7 50.4 75.6

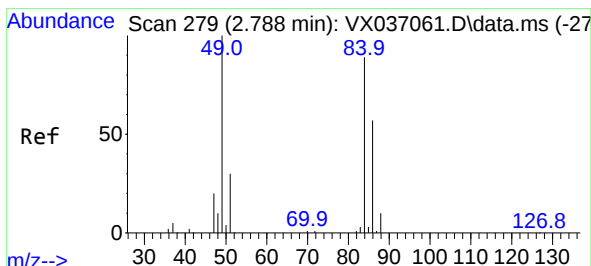
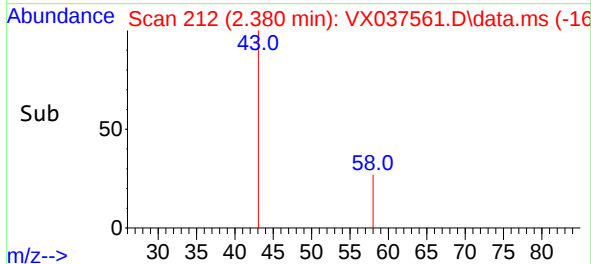
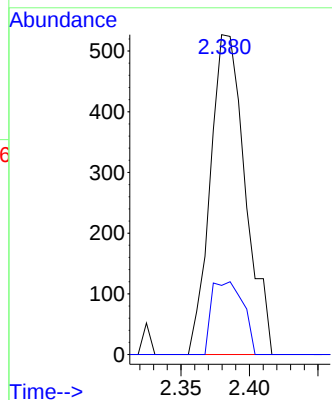
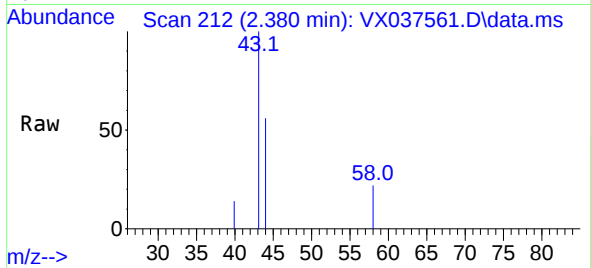




#16
Acetone
Concen: 1.344 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

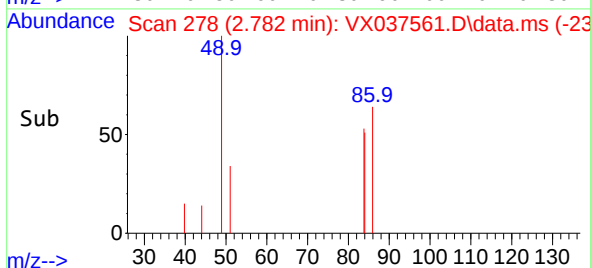
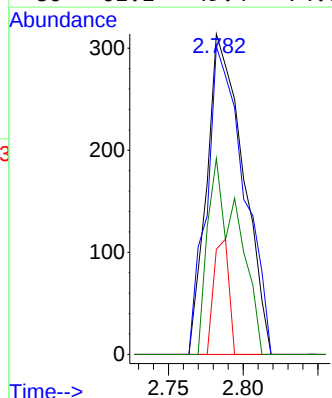
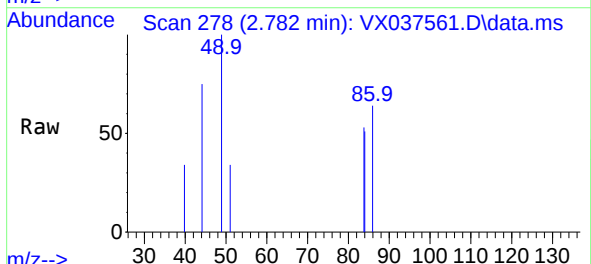
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090123-3V

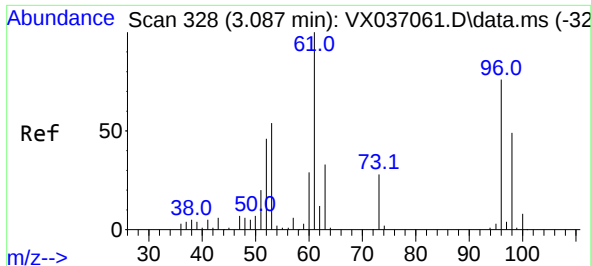
Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
58 21.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 84 Resp: 530
Ion Ratio Lower Upper
84 100
49 96.2 103.6 155.4#
51 32.8 33.8 50.6#
86 61.1 49.4 74.0

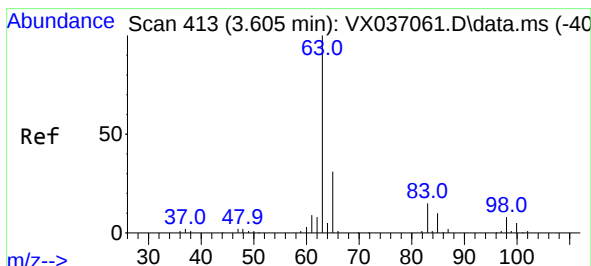
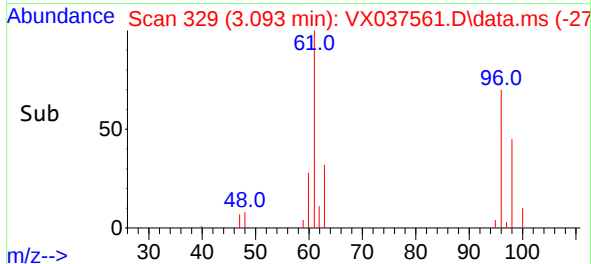
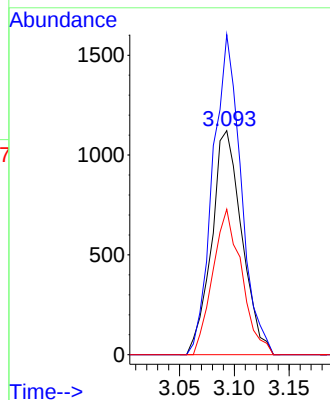
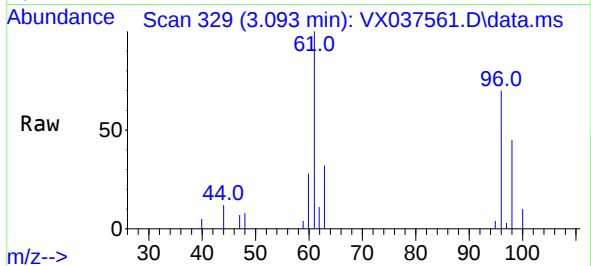




#21
trans-1,2-Dichloroethene
Concen: 1.485 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

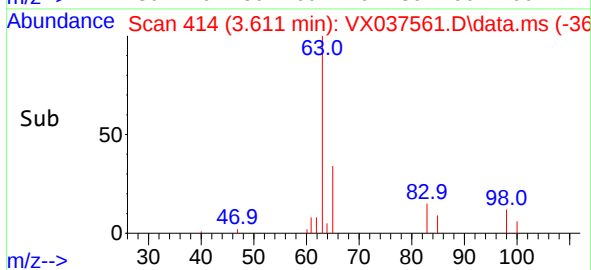
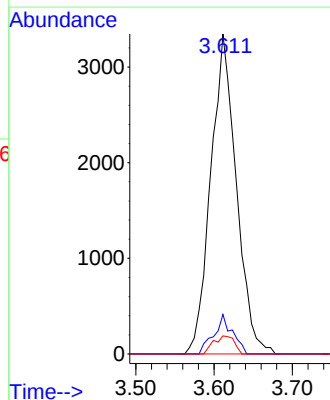
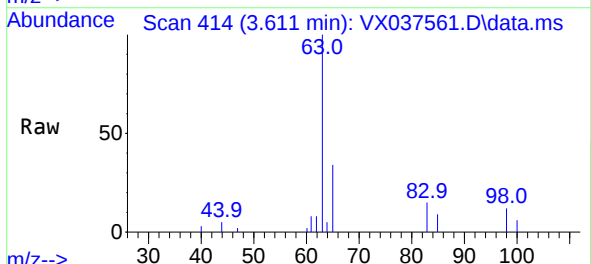
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090123-3V

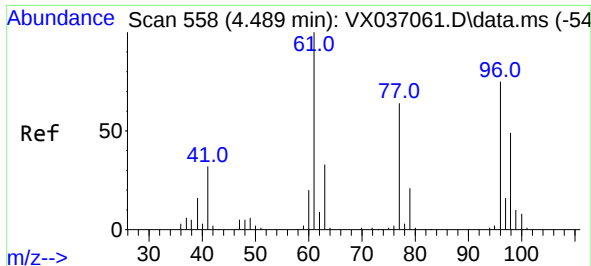
Tgt Ion: 96 Resp: 2151
Ion Ratio Lower Upper
96 100
61 142.9 119.2 178.8
98 65.0 48.7 73.1



#24
1,1-Dichloroethane
Concen: 2.992 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 63 Resp: 7594
Ion Ratio Lower Upper
63 100
98 12.4 3.3 9.8#
100 5.7 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 32.465 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037561.D

Acq: 06 Sep 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

MW-10B-42.5-090123-3V

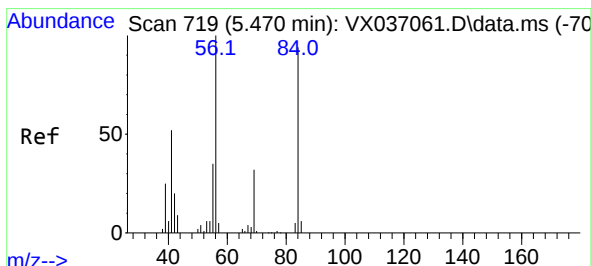
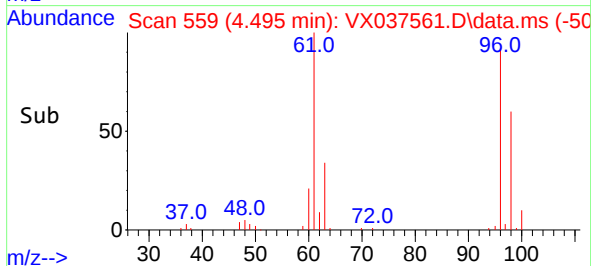
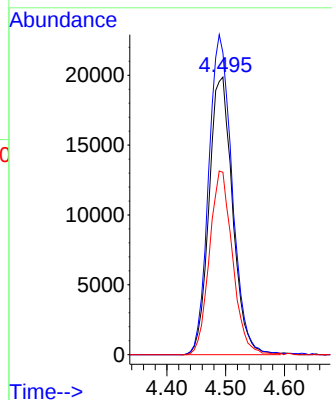
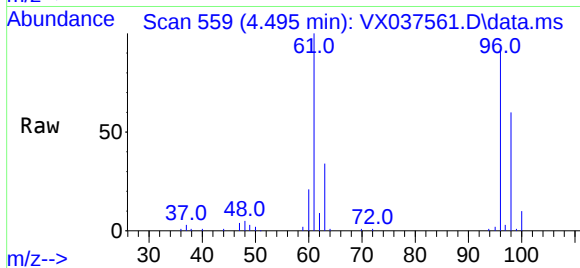
Tgt Ion: 96 Resp: 55440

Ion Ratio Lower Upper

96 100

61 114.4 0.0 312.2

98 64.8 0.0 129.0



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037561.D

Acq: 06 Sep 2023 17:53

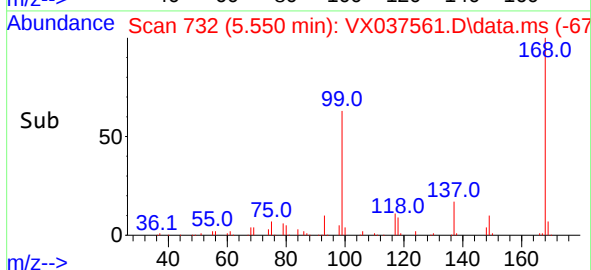
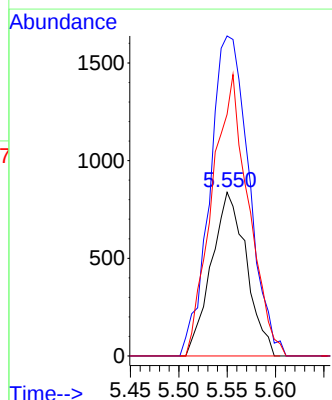
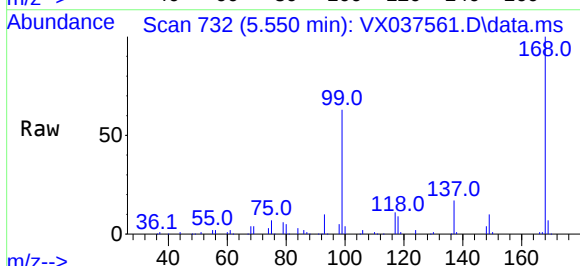
Tgt Ion: 56 Resp: 2120

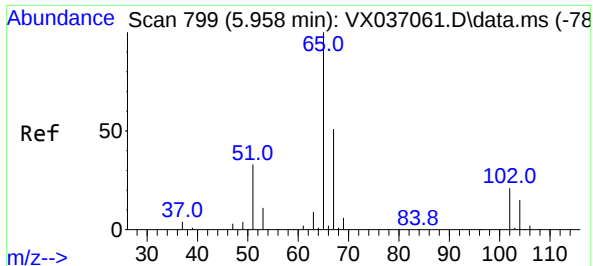
Ion Ratio Lower Upper

56 100

69 195.5 23.4 35.2#

84 147.6 65.9 98.9#

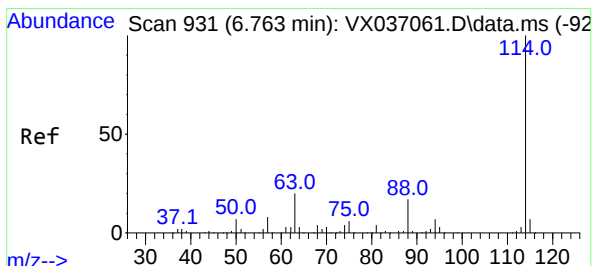
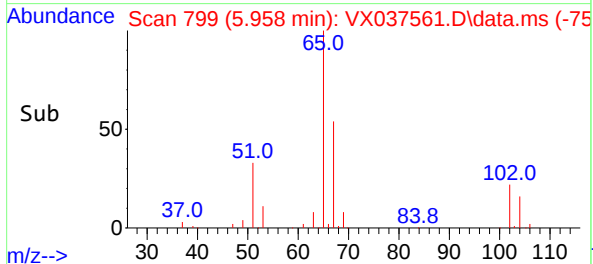
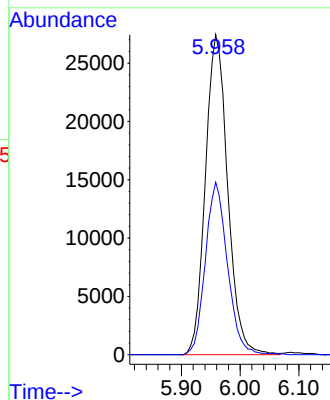
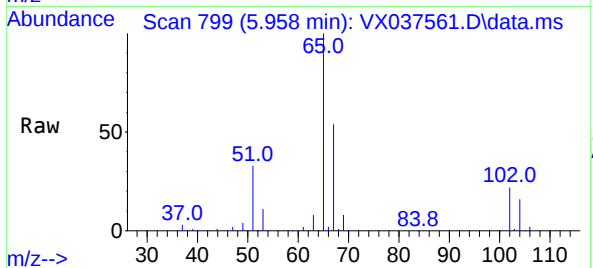




#33
1,2-Dichloroethane-d4
Concen: 40.552 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

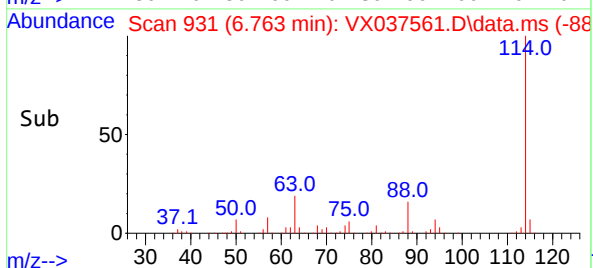
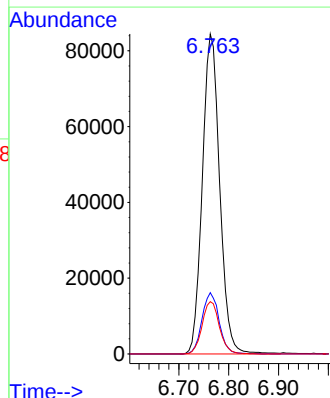
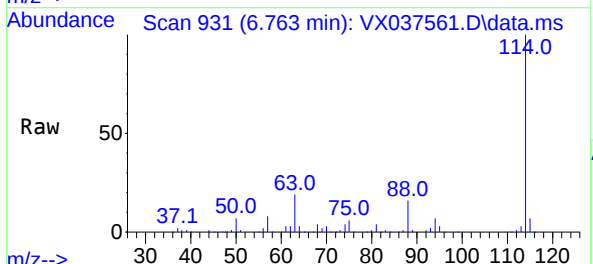
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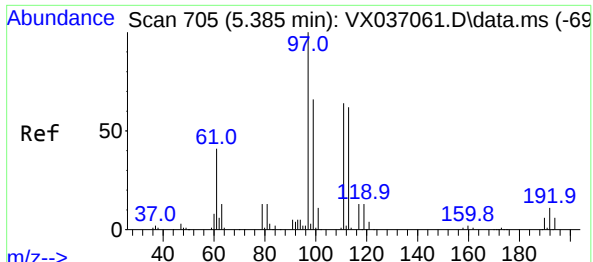
Tgt Ion: 65 Resp: 72369
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 114 Resp: 203898
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.4 0.0 36.6

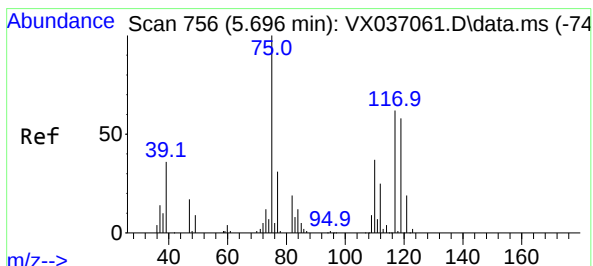
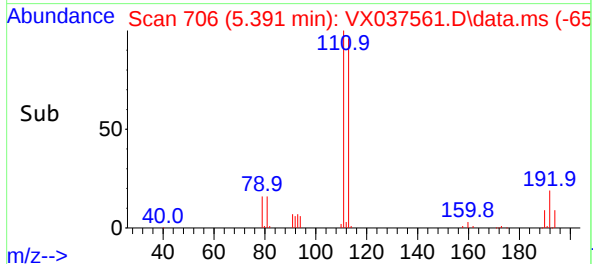
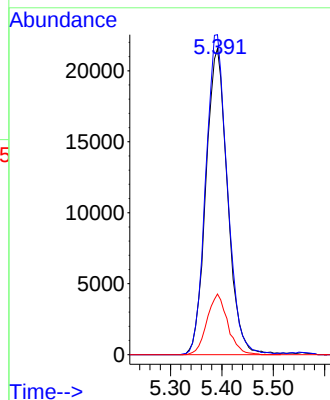
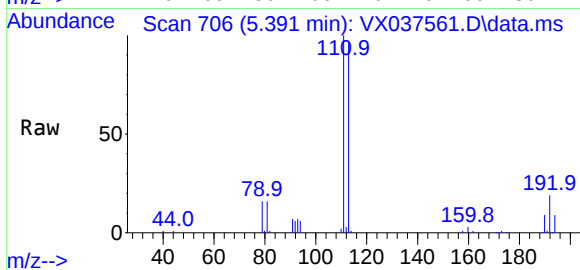




#35
Dibromofluoromethane
Concen: 46.696 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

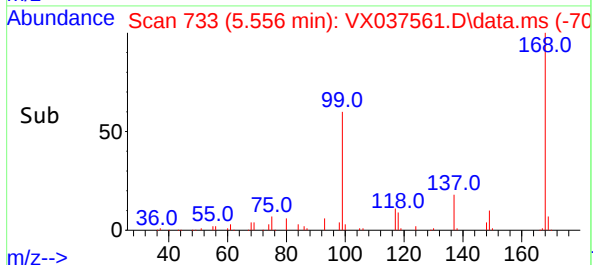
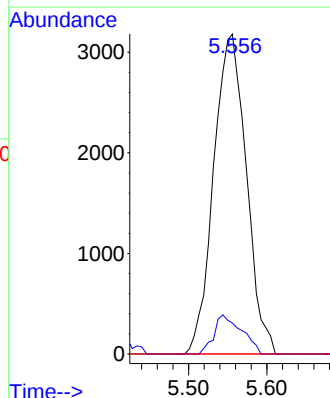
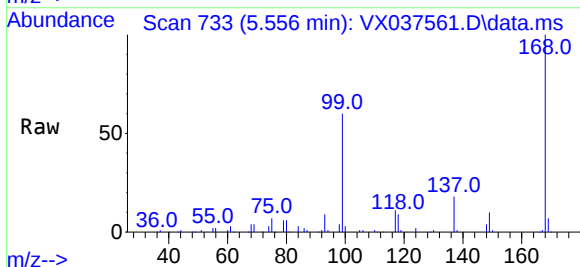
Instrument :
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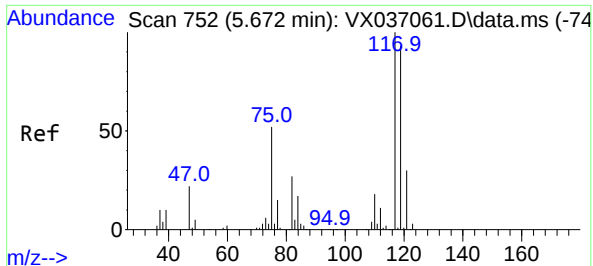
Tgt Ion:113 Resp: 63057
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

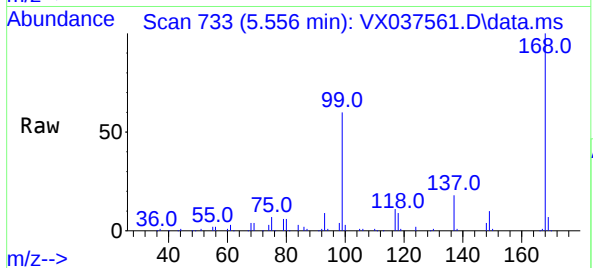
Tgt Ion: 75 Resp: 9224
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



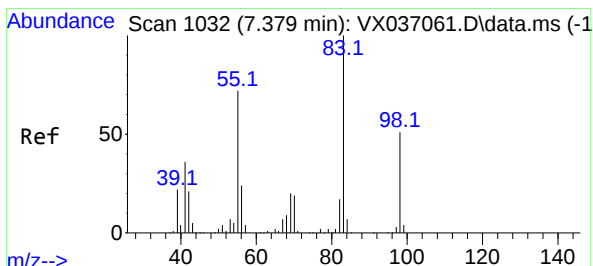
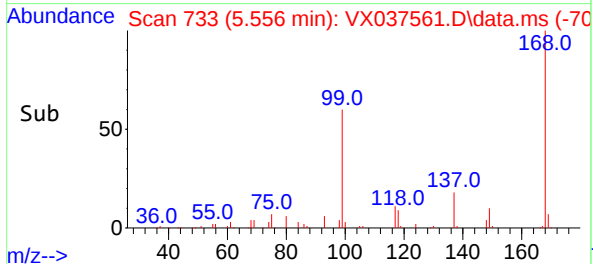
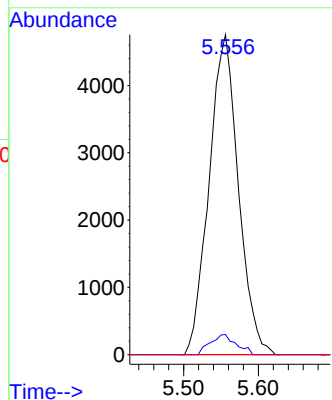


#38
Carbon Tetrachloride
Concen: 6.219 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Instrument : MSVOA_X
ClientSampleId : MW-10B-42.5-090123-3V

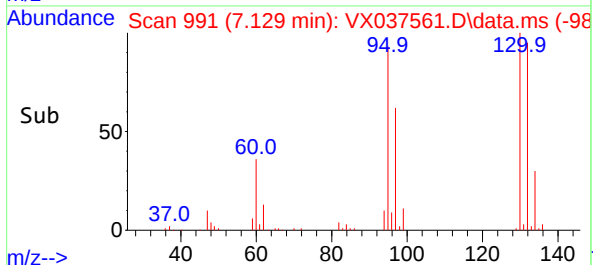
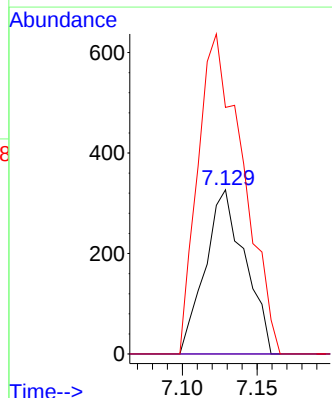
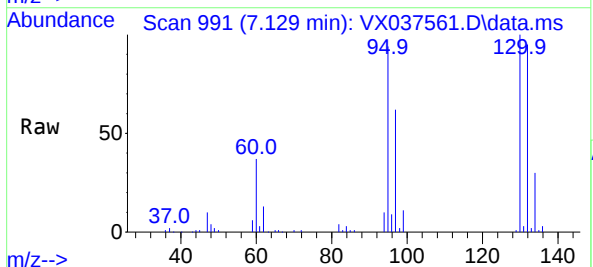


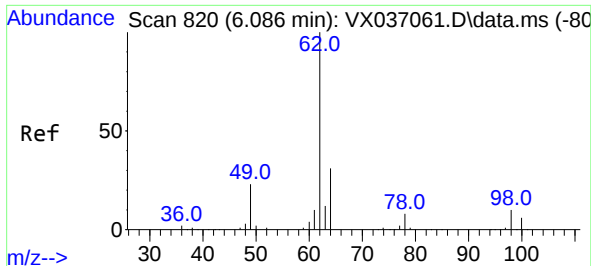
Tgt Ion:117 Resp: 12960
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.301 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 83 Resp: 606
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 150.2 36.7 55.1#





#42

1,2-Dichloroethane

Concen: 2.755 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX037561.D

Acq: 06 Sep 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

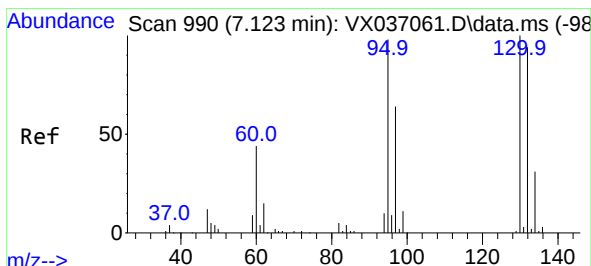
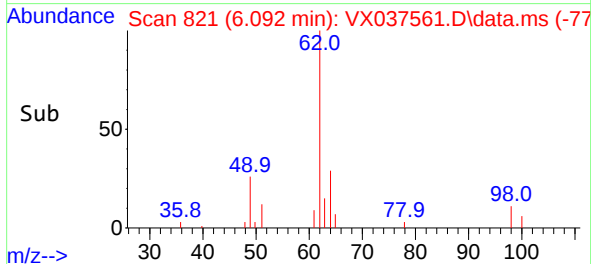
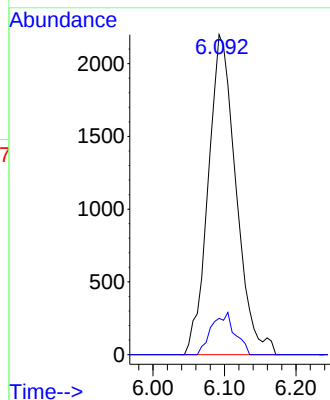
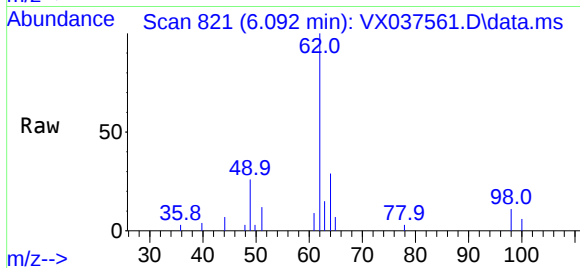
MW-10B-42.5-090123-3V

Tgt Ion: 62 Resp: 5945

Ion Ratio Lower Upper

62 100

98 11.1 0.0 16.0



#44

Trichloroethene

Concen: 32.444 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037561.D

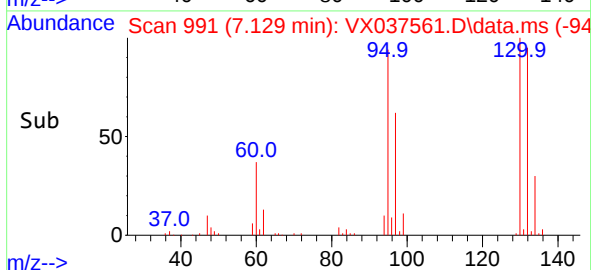
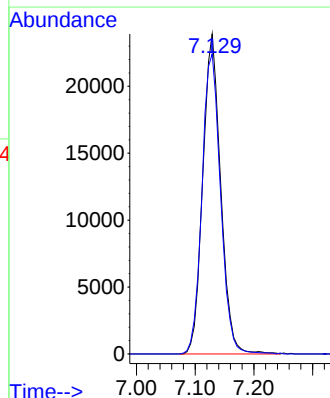
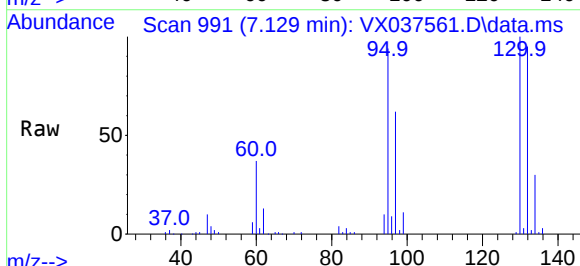
Acq: 06 Sep 2023 17:53

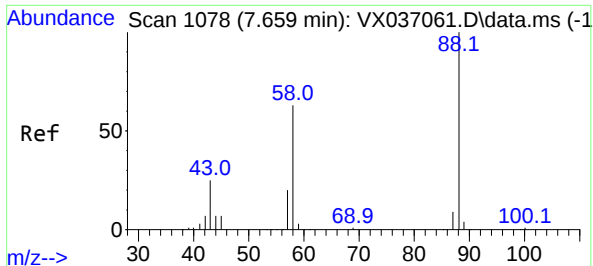
Tgt Ion:130 Resp: 50619

Ion Ratio Lower Upper

130 100

95 93.8 0.0 204.4





#49

1,4-Dioxane

Concen: 37.514 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX037561.D

Acq: 06 Sep 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

MW-10B-42.5-090123-3V

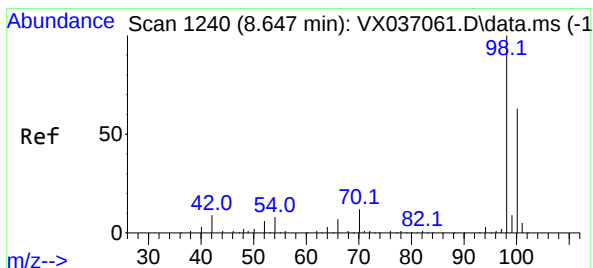
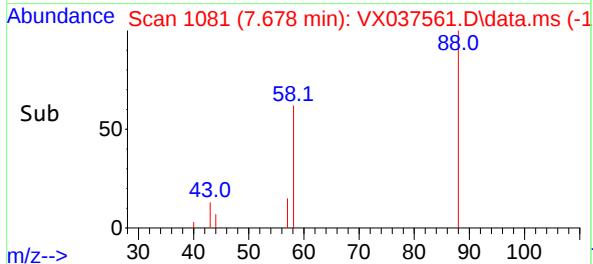
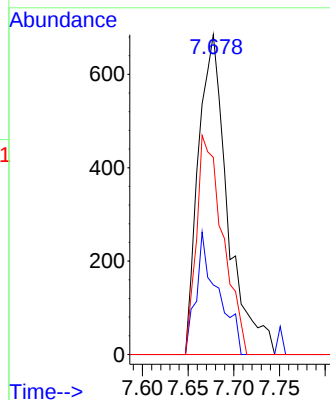
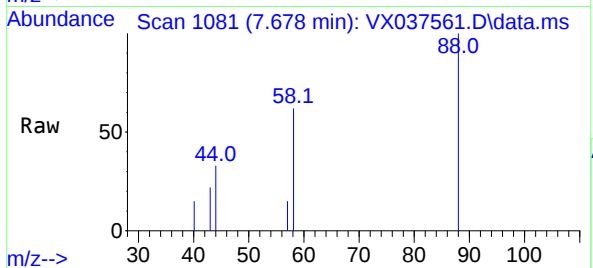
Tgt Ion: 88 Resp: 1533

Ion Ratio Lower Upper

88 100

43 28.2 0.0 0.0#

58 61.4 60.1 90.1



#50

Toluene-d8

Concen: 49.525 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037561.D

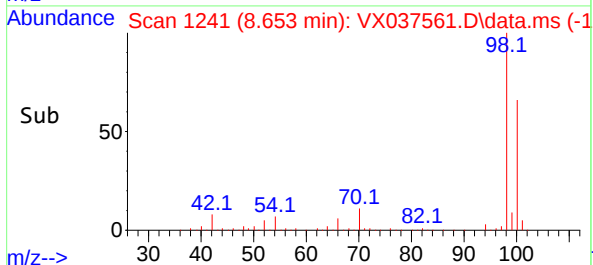
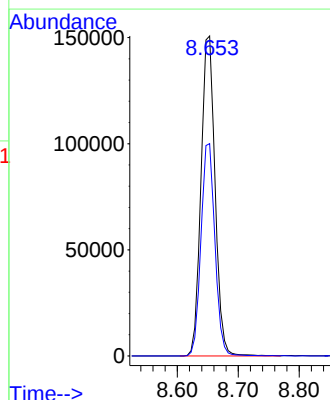
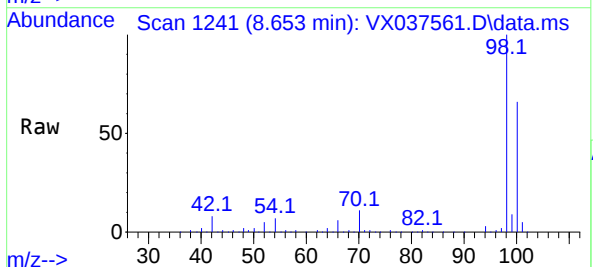
Acq: 06 Sep 2023 17:53

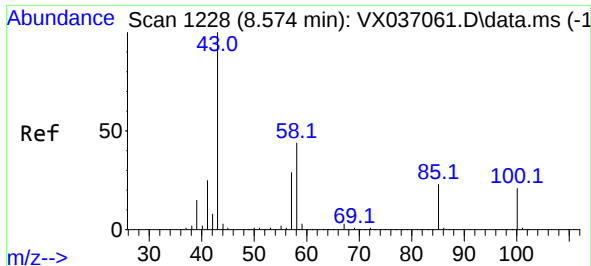
Tgt Ion: 98 Resp: 242588

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7

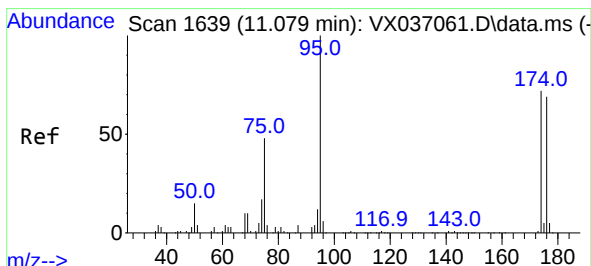
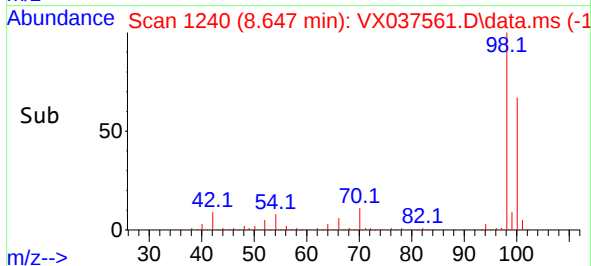
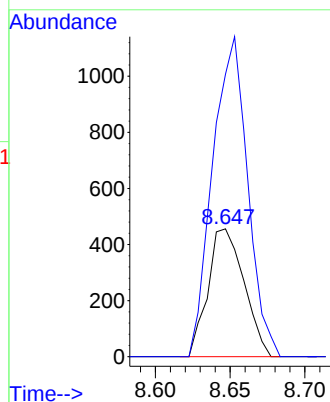
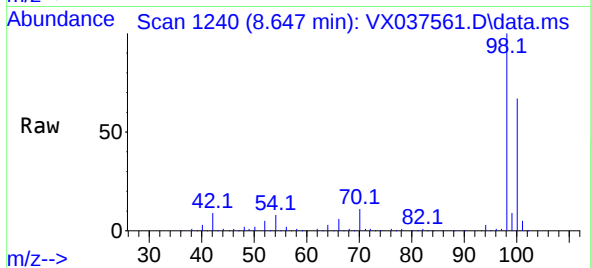




#51
4-Methyl-2-Pentanone
Concen: 0.405 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

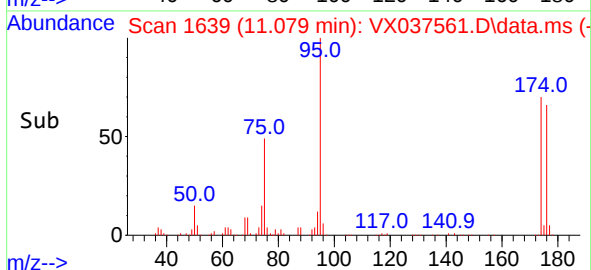
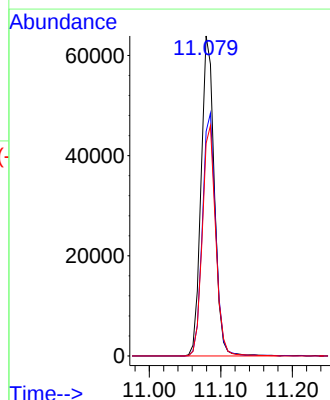
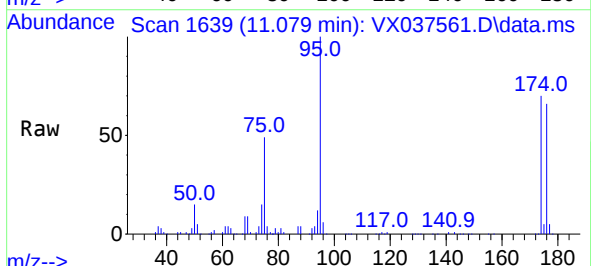
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090123-3V

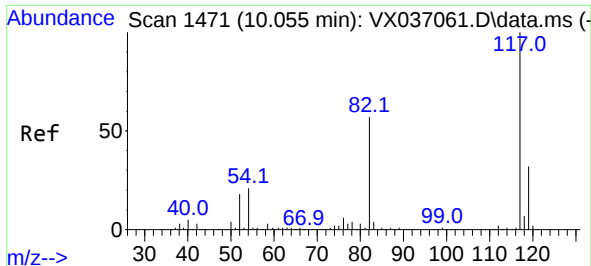
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 242.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 42.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 95 Resp: 81993
Ion Ratio Lower Upper
95 100
174 75.9 0.0 135.6
176 72.7 0.0 131.0

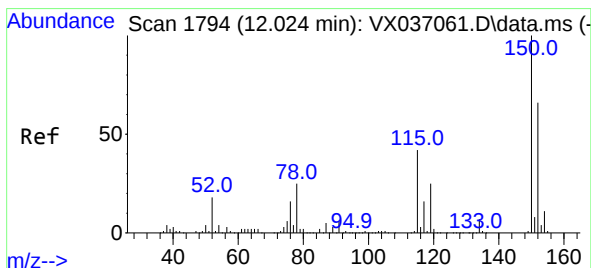
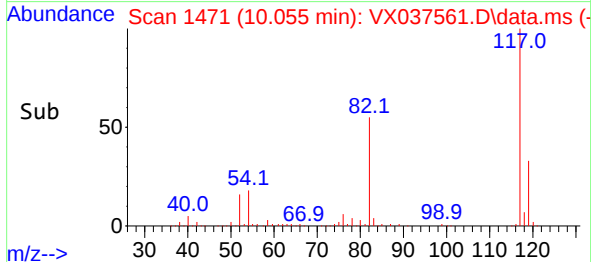
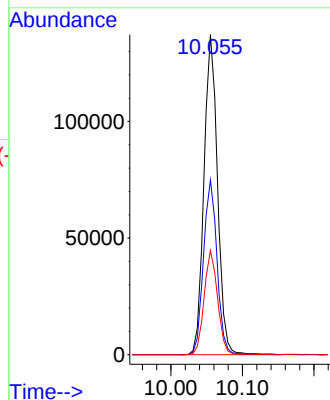
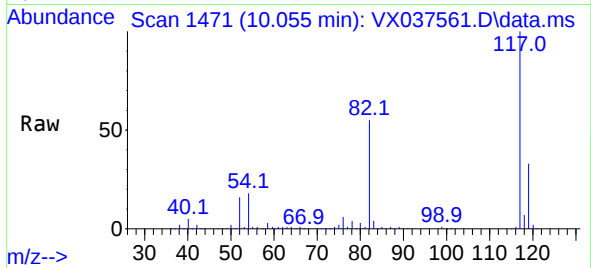




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

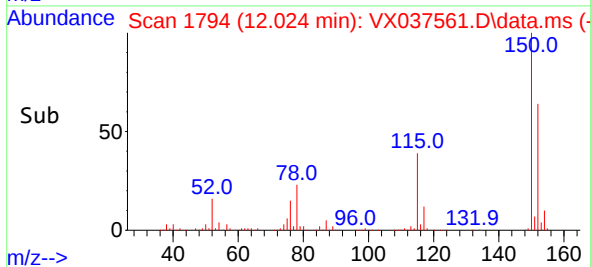
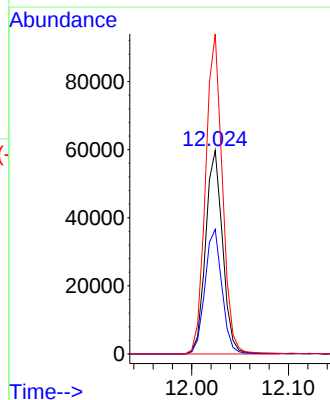
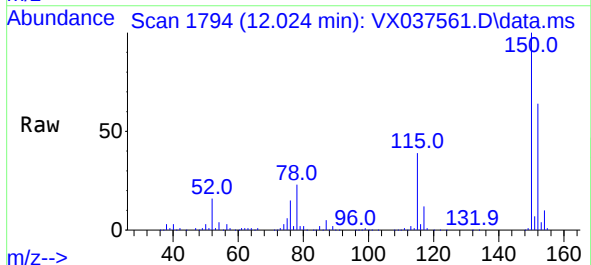
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090123-3V

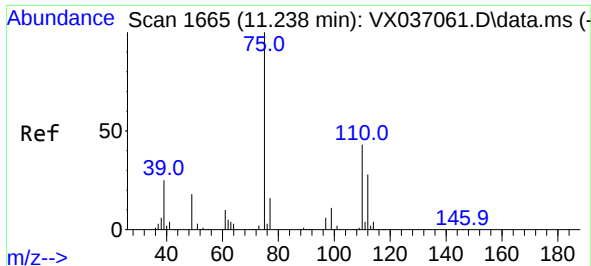
Tgt Ion:117 Resp: 180633
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion:152 Resp: 73318
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 155.9 0.0 345.0

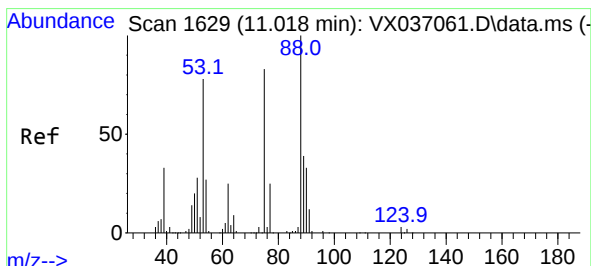
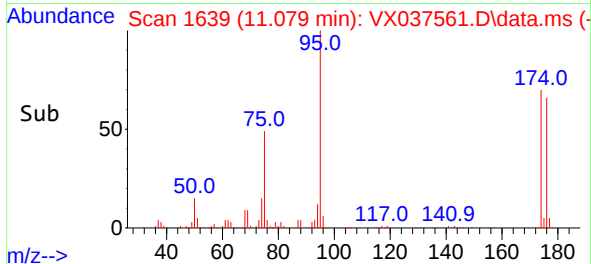
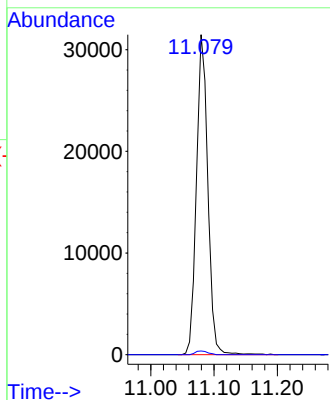
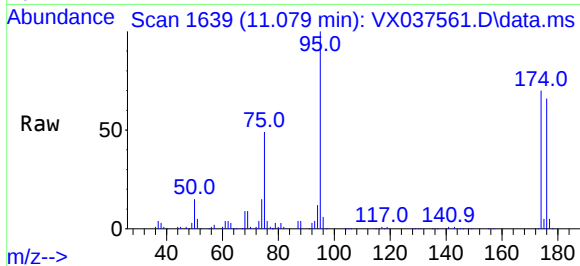




#76
1,2,3-Trichloropropane
Concen: 25.288 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090123-3V

Tgt Ion: 75 Resp: 39486
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 75 Resp: 39486
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

