

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036374.D
 Acq On : 29 Jun 2023 13:36
 Operator : JC/MD
 Sample : 03451-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 30 01:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

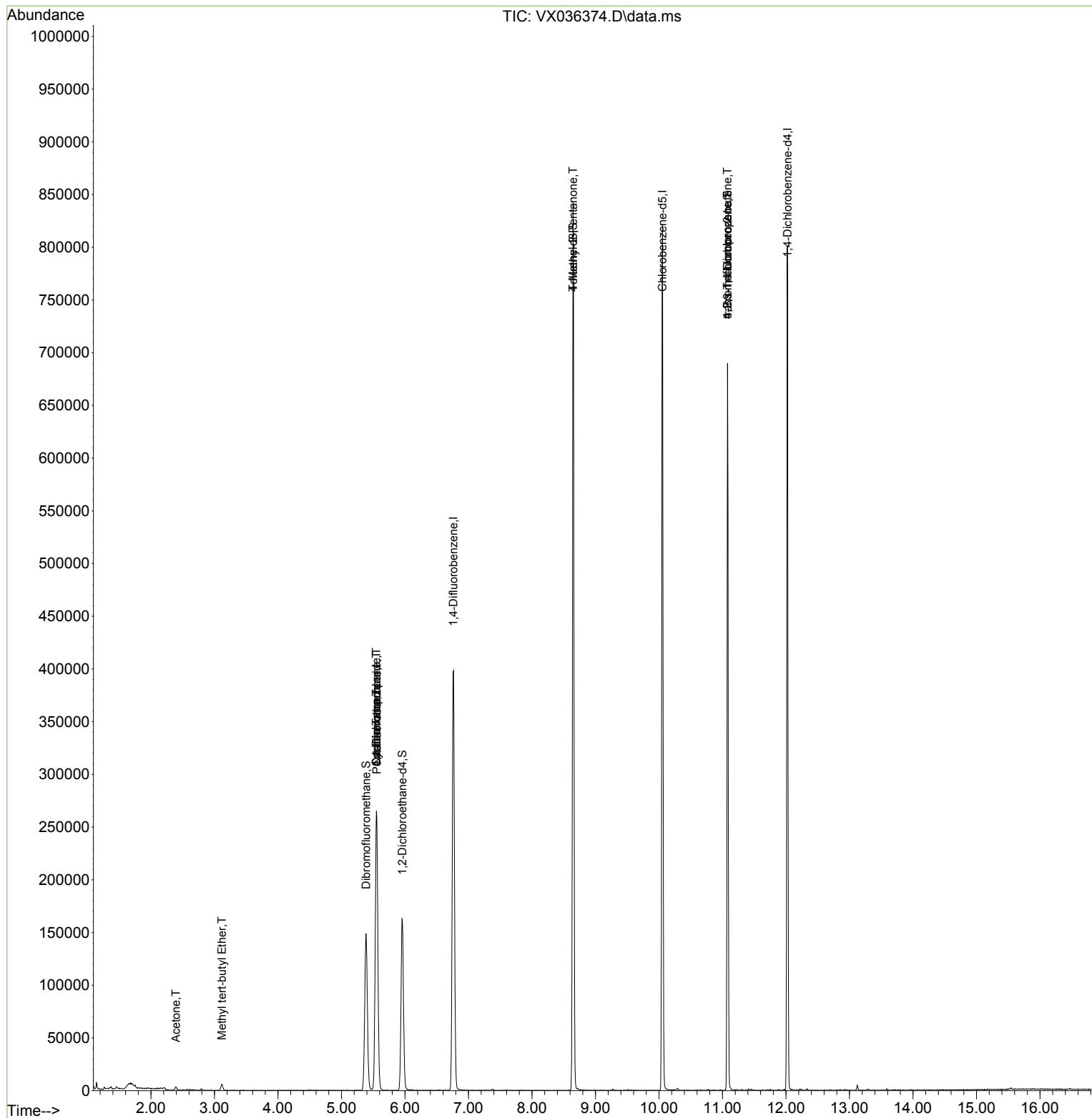
Internal Standards						
1) Pentafluorobenzene	5.556	168	252531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157226	43.434	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.860%
35) Dibromofluoromethane	5.385	113	129968	47.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	495294	48.151	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.079	95	175146	48.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.680%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	3803	2.458	ug/l #	77
19) Methyl tert-butyl Ether	3.117	73	5970	0.644	ug/l #	90
31) Cyclohexane	5.550	56	5375	1.159	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19939	4.857	ug/l #	46
38) Carbon Tetrachloride	5.550	117	25123	6.701	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2136	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	90140	26.241	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	90140	85.538	ug/l #	5

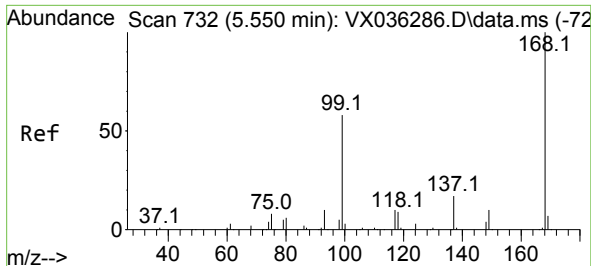
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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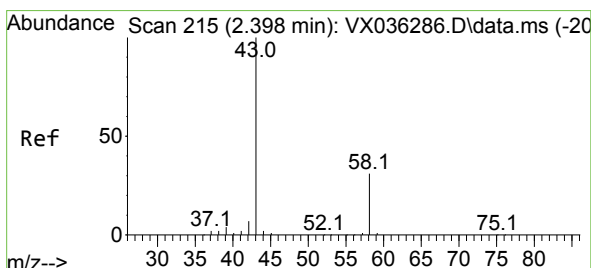
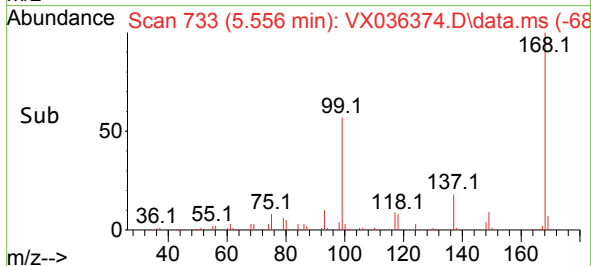
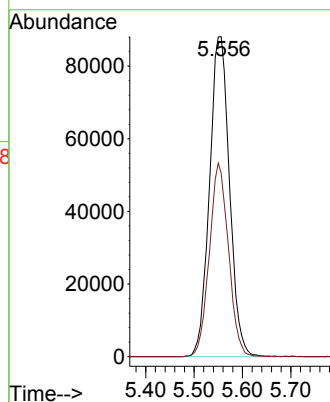
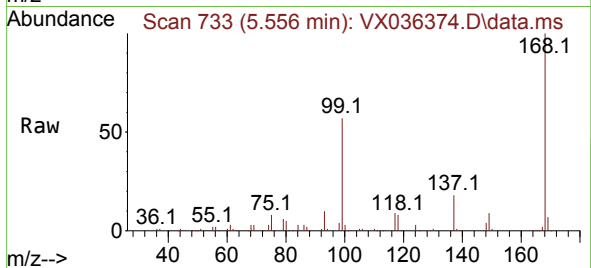




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

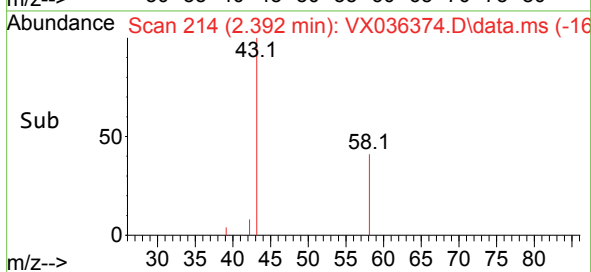
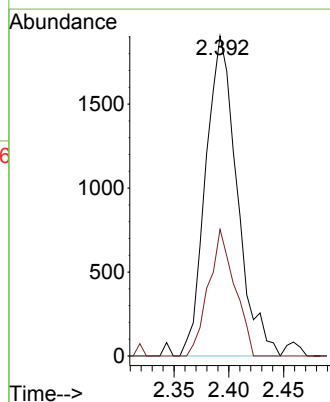
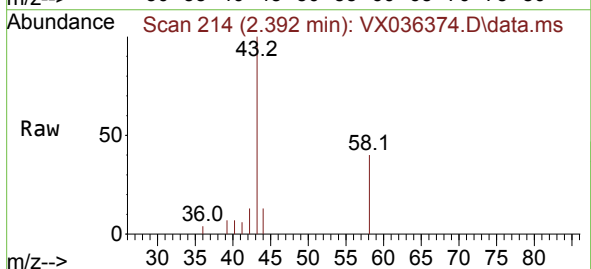
Instrument :
MSVOA_X
ClientSampleId :
MW-3

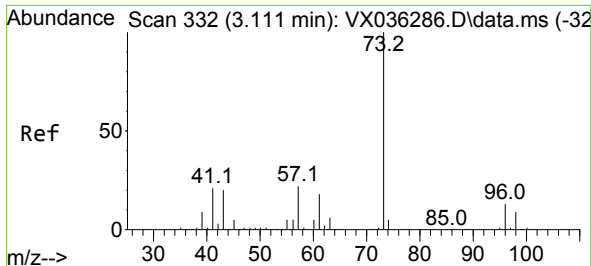
Tgt Ion:168 Resp: 252531
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#16
Acetone
Concen: 2.458 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

Tgt Ion: 43 Resp: 3803
Ion Ratio Lower Upper
43 100
58 39.6 21.9 32.9#

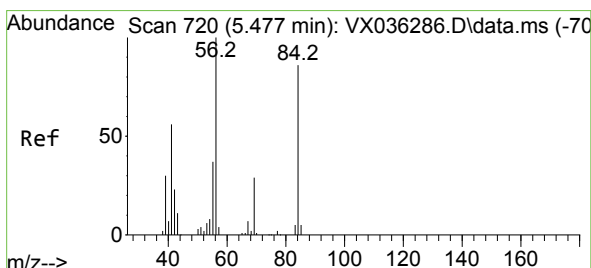
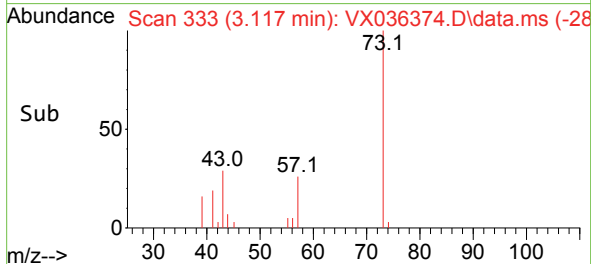
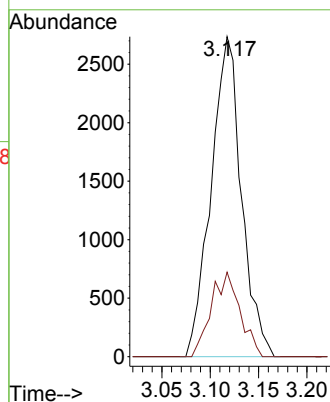
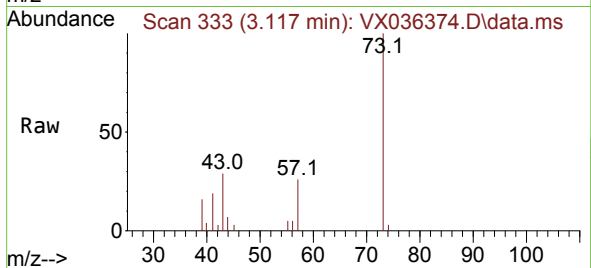




#19
Methyl tert-butyl Ether
Concen: 0.644 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

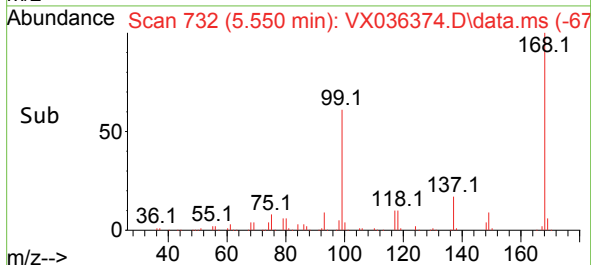
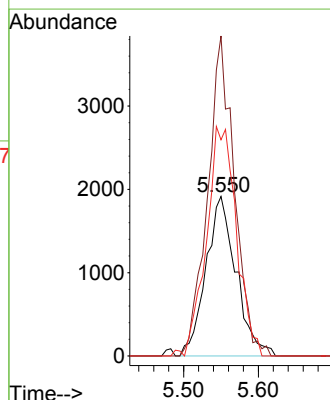
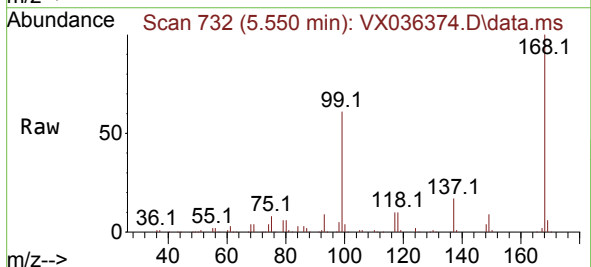
Instrument :
MSVOA_X
ClientSampleId :
MW-3

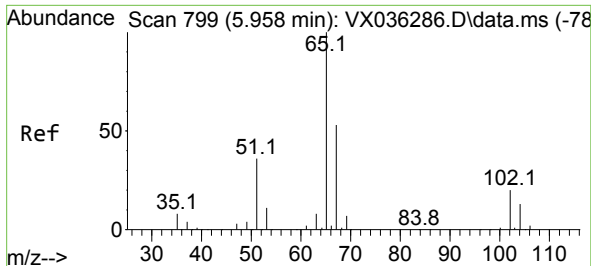
Tgt Ion: 73 Resp: 5970
Ion Ratio Lower Upper
73 100
57 26.4 17.3 25.9#



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

Tgt Ion: 56 Resp: 5375
Ion Ratio Lower Upper
56 100
69 200.6 23.4 35.2#
84 135.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.434 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036374.D

Acq: 29 Jun 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

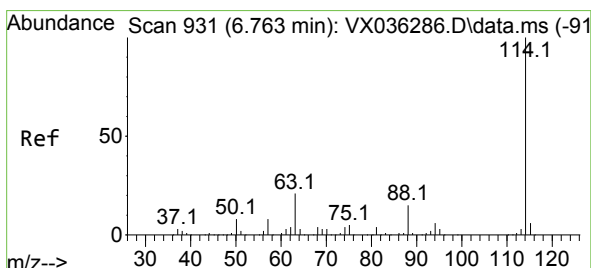
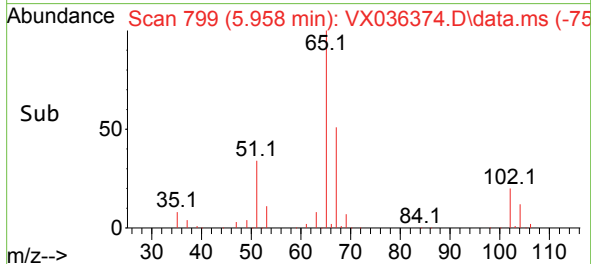
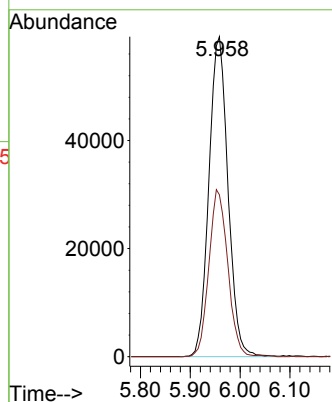
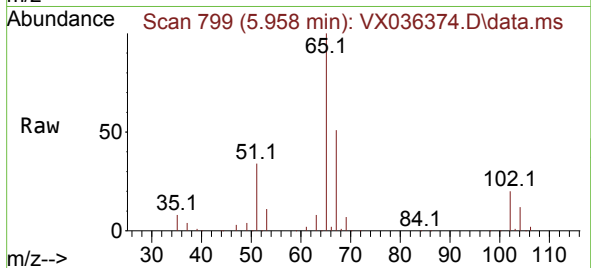
MW-3

Tgt Ion: 65 Resp: 157226

Ion Ratio Lower Upper

65 100

67 51.8 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: VX036374.D

Acq: 29 Jun 2023 13:36

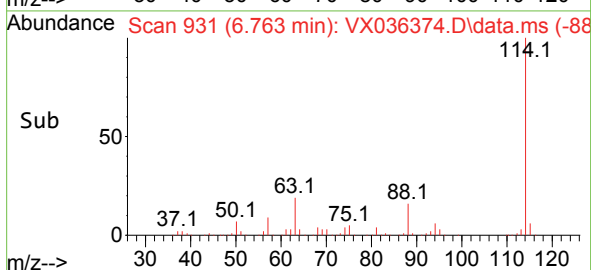
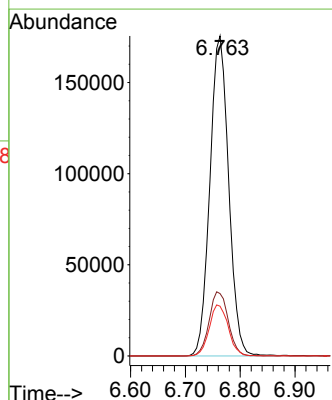
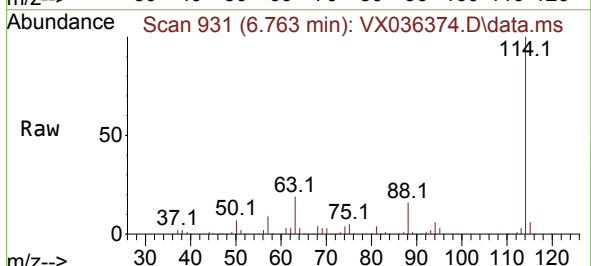
Tgt Ion:114 Resp: 417672

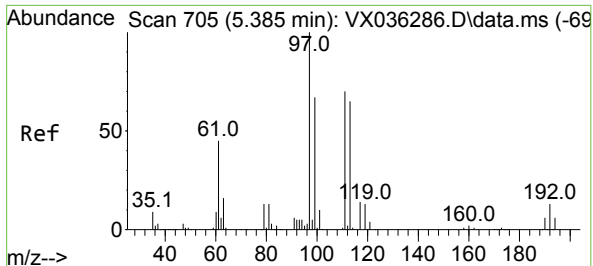
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.6 0.0 36.6

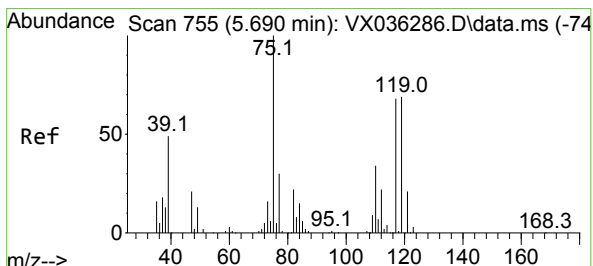
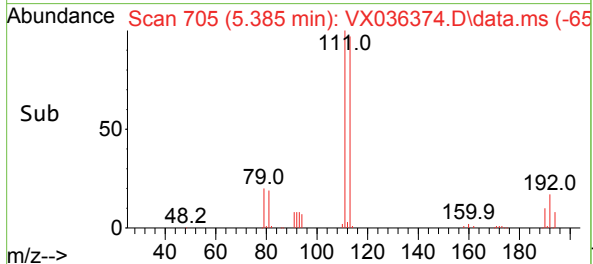
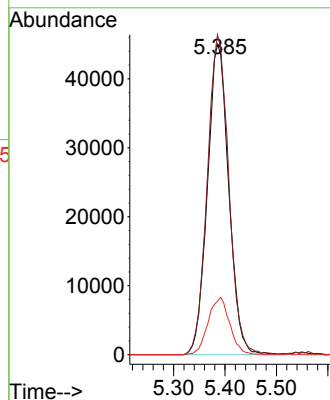
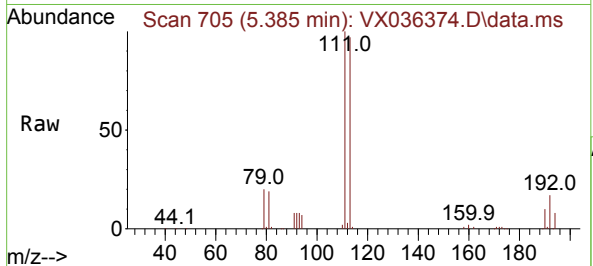




#35
Dibromofluoromethane
Concen: 47.192 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

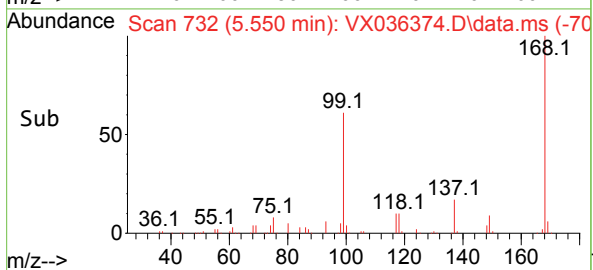
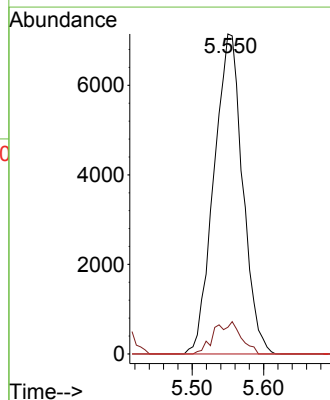
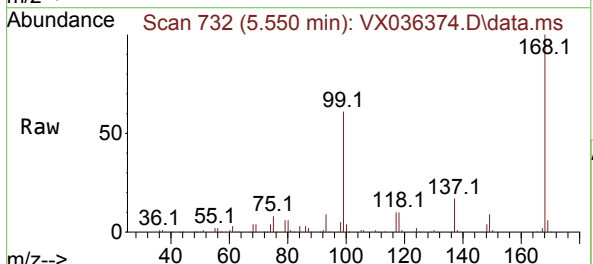
Instrument :
MSVOA_X
ClientSampleId :
MW-3

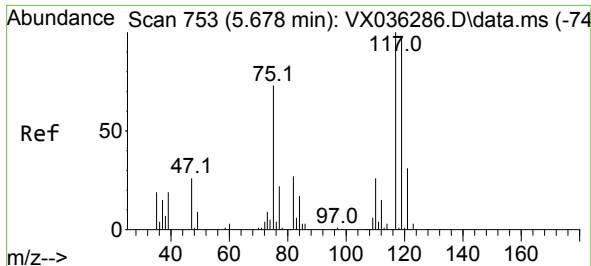
Tgt Ion:113 Resp: 129968
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

Tgt Ion: 75 Resp: 19939
Ion Ratio Lower Upper
75 100
110 4.4 17.0 50.9#
77 0.0 24.7 37.1#

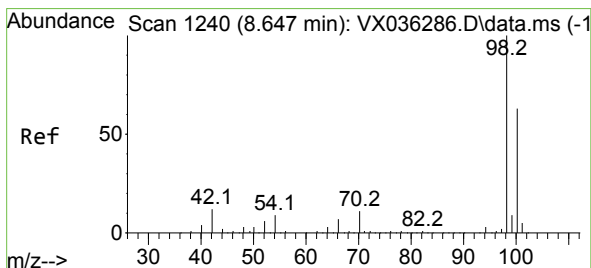
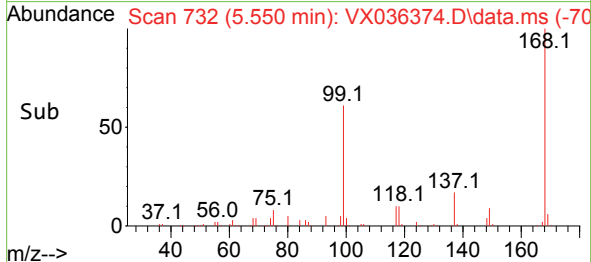
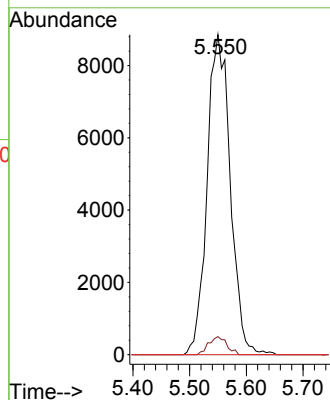
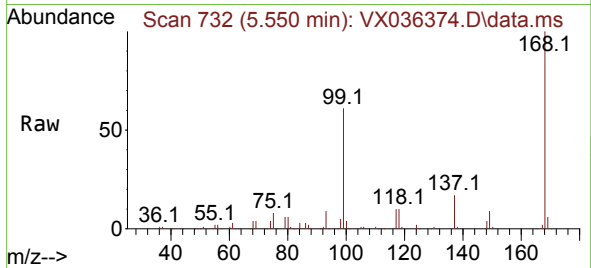




#38
Carbon Tetrachloride
Concen: 6.701 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

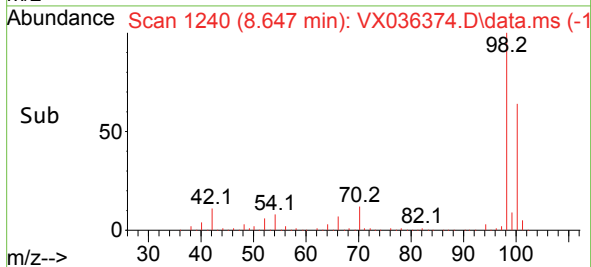
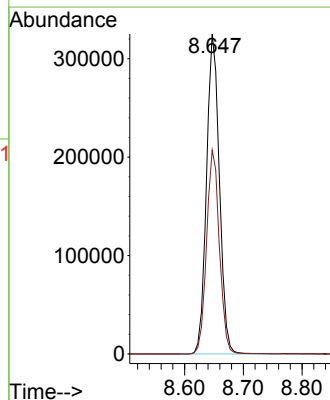
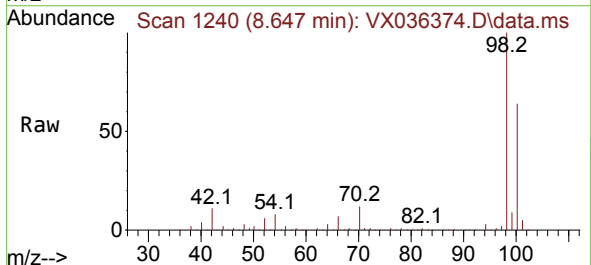
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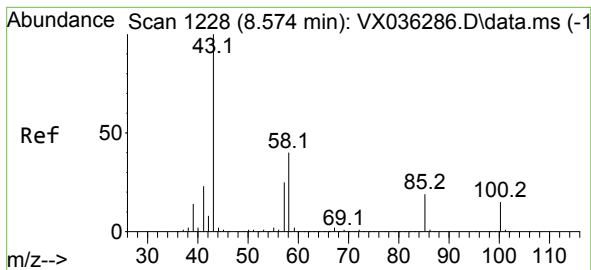
Tgt Ion:117 Resp: 25123
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.151 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

Tgt Ion: 98 Resp: 495294
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

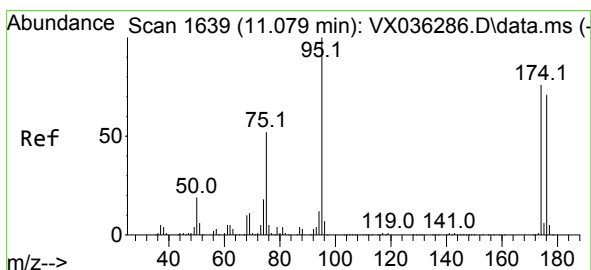
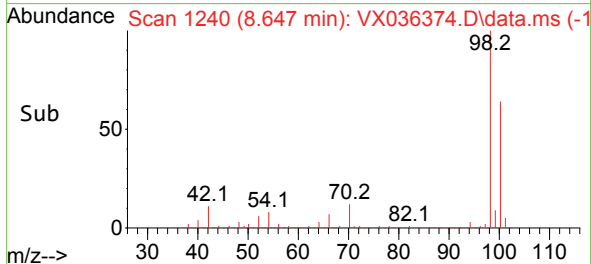
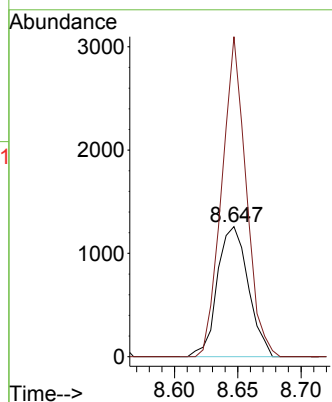
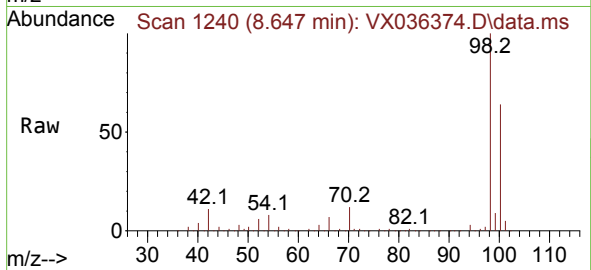




#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

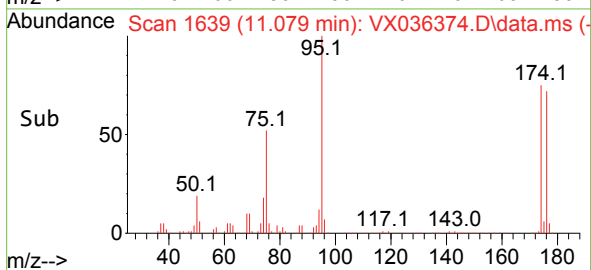
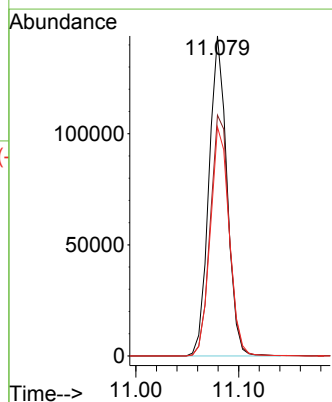
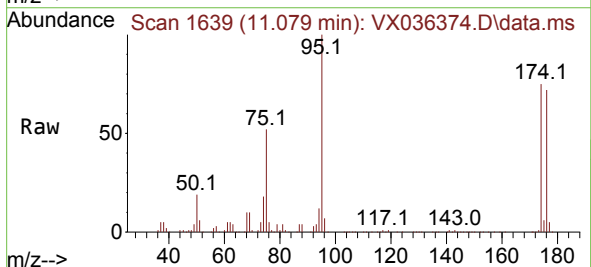
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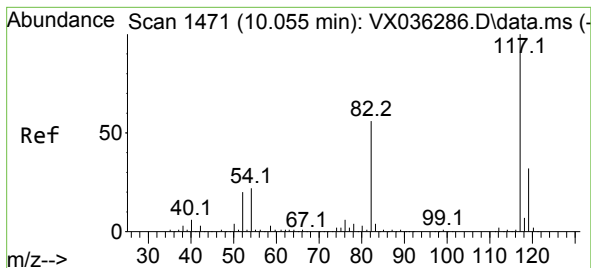
Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
58 194.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036374.D
Acq: 29 Jun 2023 13:36

Tgt Ion: 95 Resp: 175146
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 75.3 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: VX036374.D

Acq: 29 Jun 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

MW-3

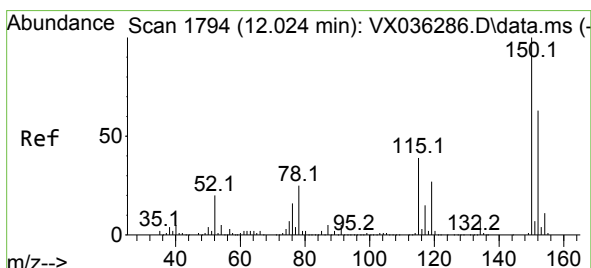
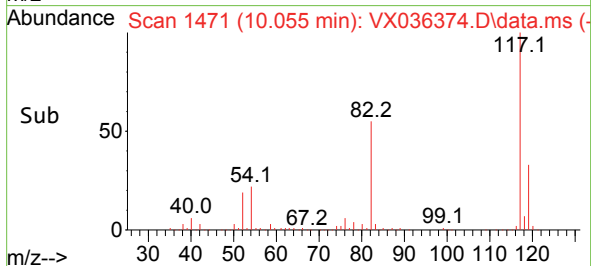
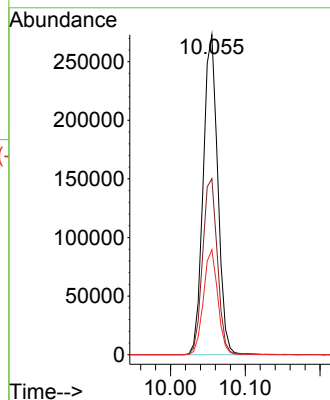
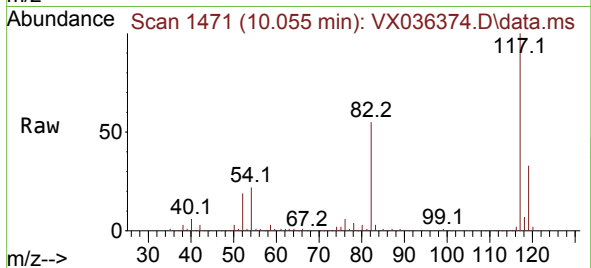
Tgt Ion:117 Resp: 369336

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 32.8 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: VX036374.D

Acq: 29 Jun 2023 13:36

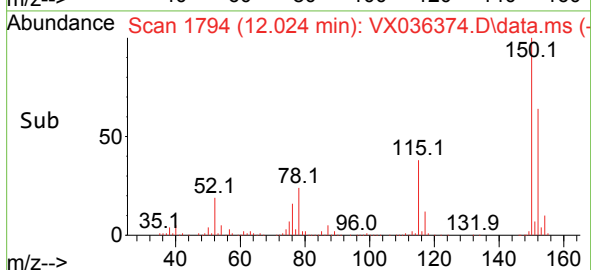
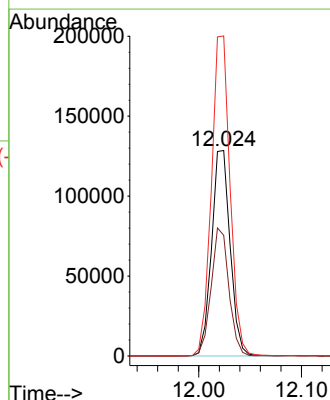
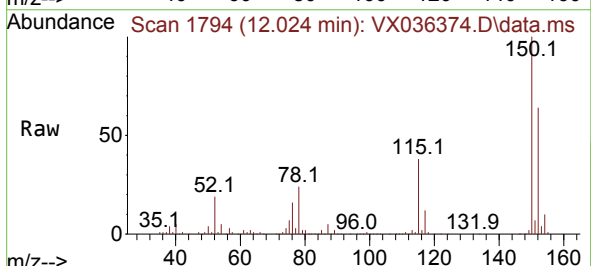
Tgt Ion:152 Resp: 161044

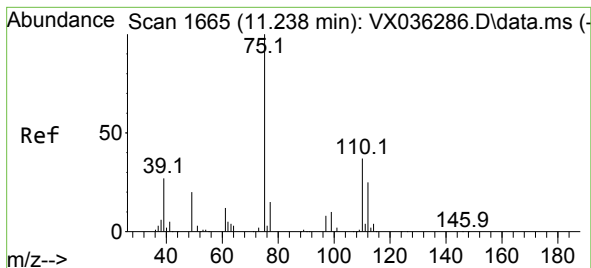
Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.241 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036374.D

Acq: 29 Jun 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

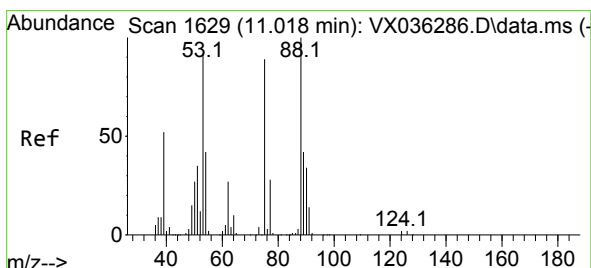
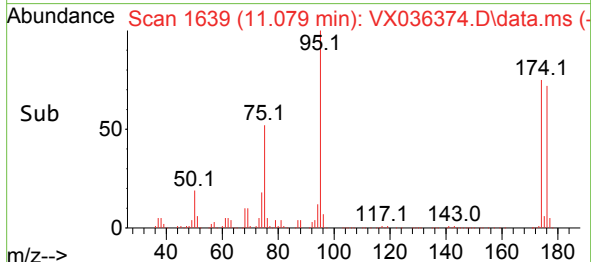
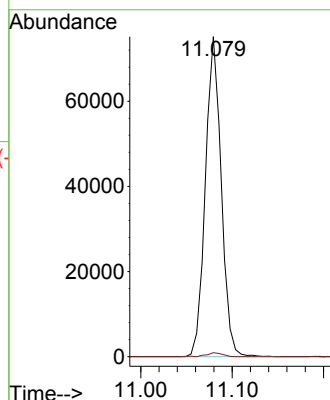
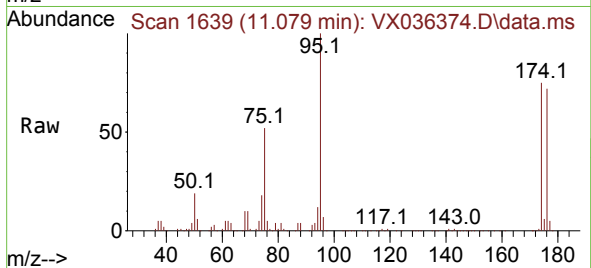
MW-3

Tgt Ion: 75 Resp: 90140

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.538 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036374.D

Acq: 29 Jun 2023 13:36

Tgt Ion: 75 Resp: 90140

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

