

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036373.D
 Acq On : 29 Jun 2023 13:13
 Operator : JC/MD
 Sample : 03451-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jun 30 01:30:01 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

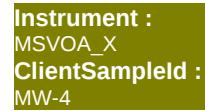
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

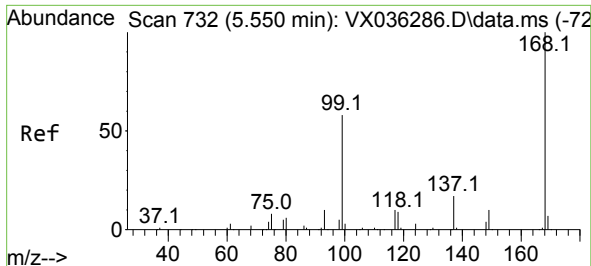
Internal Standards						
1) Pentafluorobenzene	5.550	168	267024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167724	43.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.640%
35) Dibromofluoromethane	5.385	113	137150	47.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	8.647	98	523731	48.364	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	184372	48.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.680%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2210	1.351	ug/l	95
20) Methylene Chloride	2.794	84	714	0.203	ug/l #	87
30) Chloroform	5.099	83	2328	0.397	ug/l #	82
31) Cyclohexane	5.544	56	5896	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20957	4.849	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26941	6.825	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2268	0.501	ug/l #	1
60) Dibromochloromethane	9.269	129	2545	0.824	ug/l #	11
64) Tetrachloroethene	9.269	164	2697	0.984	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	96365	25.849	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	96365	84.260	ug/l #	5

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

Instrument :
MSVOA_X
ClientSampleId :
MW-4

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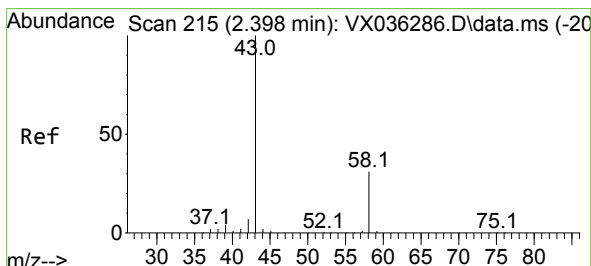
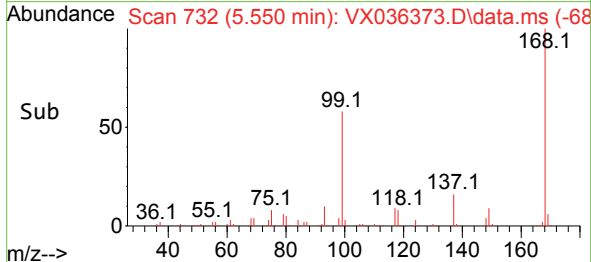
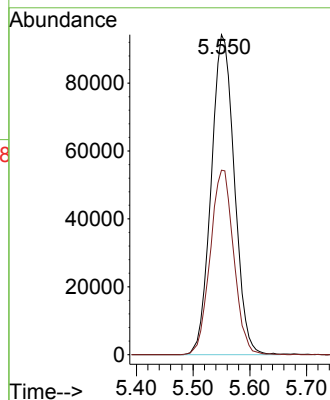
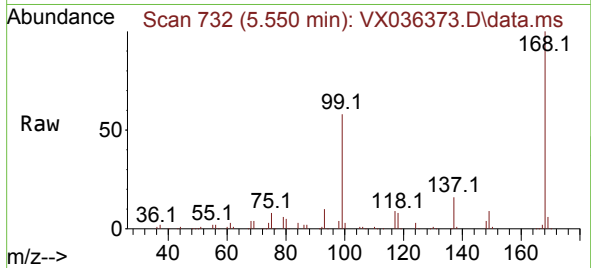




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

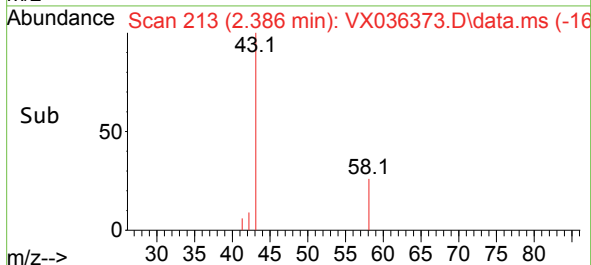
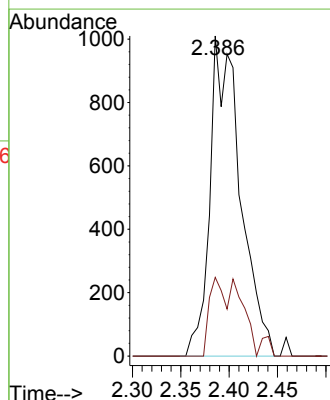
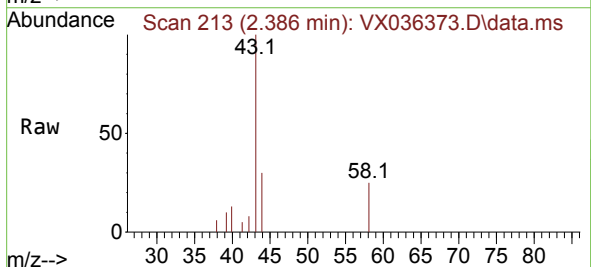
Instrument :
MSVOA_X
ClientSampleId :
MW-4

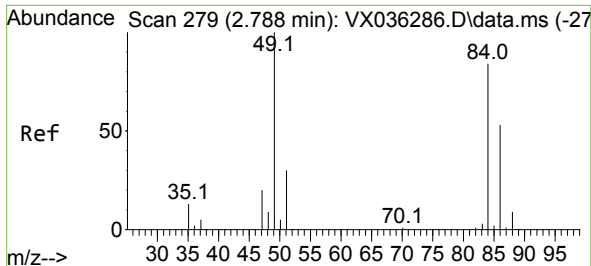
Tgt Ion:168 Resp: 267024
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#16
Acetone
Concen: 1.351 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

Tgt Ion: 43 Resp: 2210
Ion Ratio Lower Upper
43 100
58 24.6 21.9 32.9

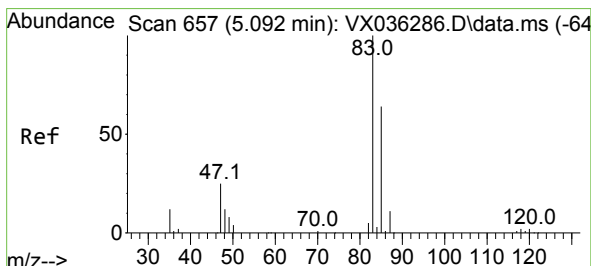
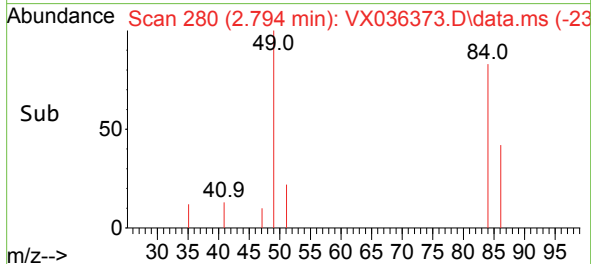
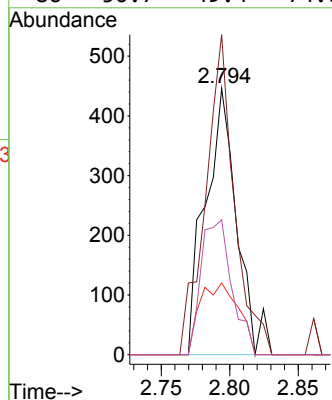
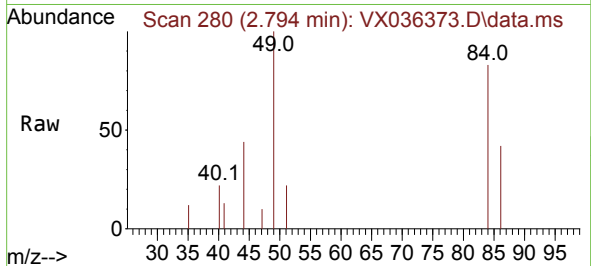




#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

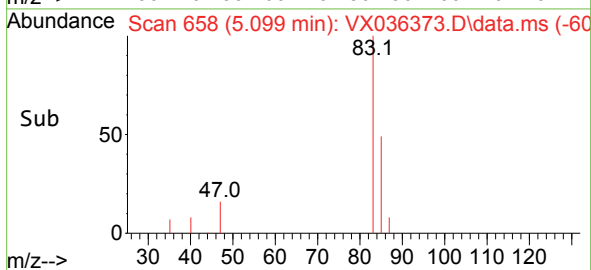
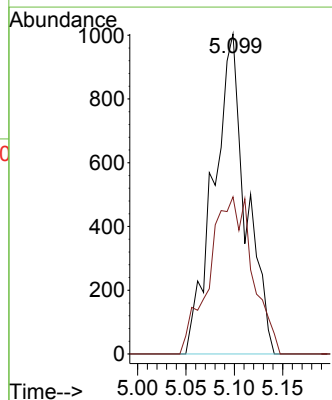
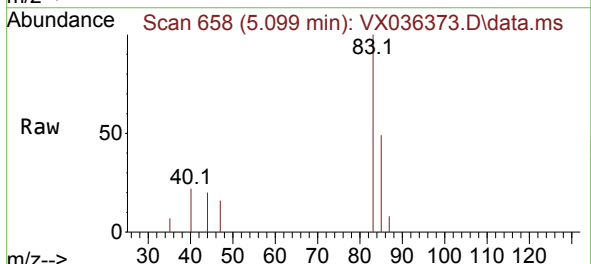
Instrument :
MSVOA_X
ClientSampleId :
MW-4

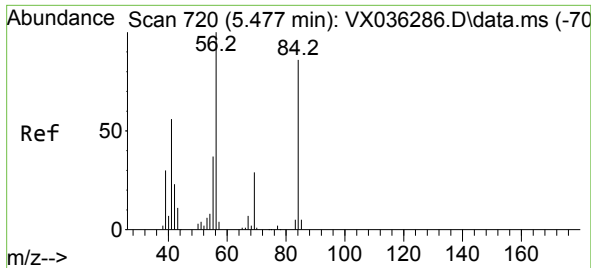
Tgt Ion: 84	Resp: 714
Ion Ratio	Lower Upper
84	100
49	120.2 103.6 155.4
51	26.9 33.8 50.6#
86	50.7 49.4 74.0



#30
Chloroform
Concen: 0.397 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

Tgt Ion: 83	Resp: 2328
Ion Ratio	Lower Upper
83	100
85	49.1 50.3 75.5#

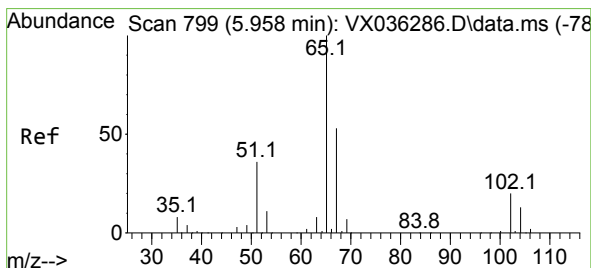
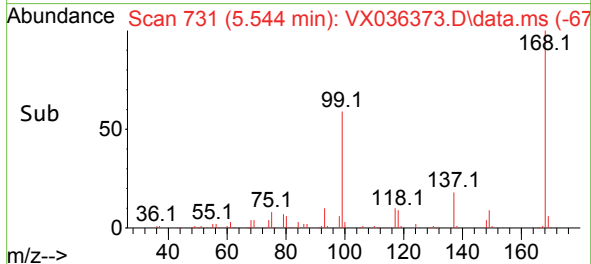
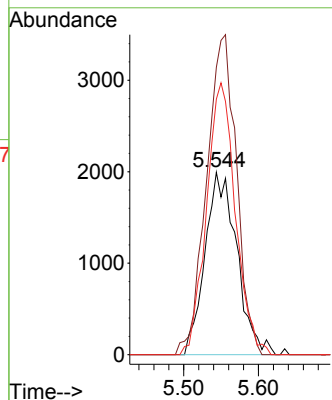
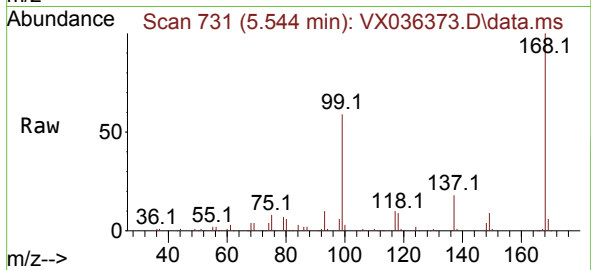




#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

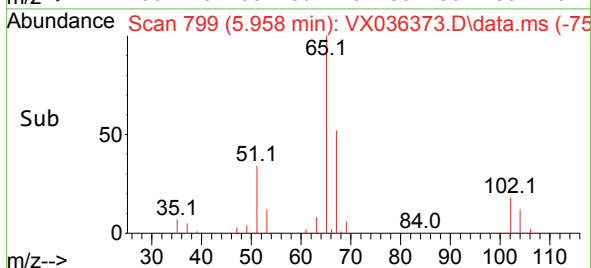
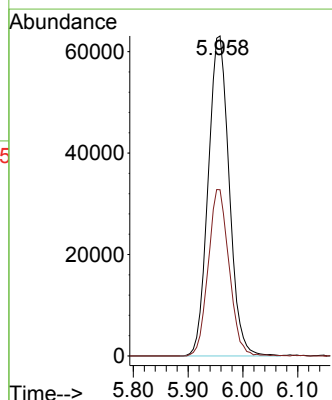
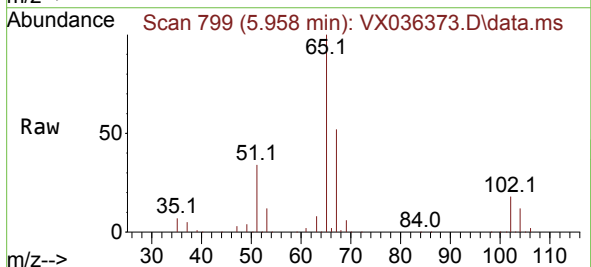
Instrument :
MSVOA_X
ClientSampleId :
MW-4

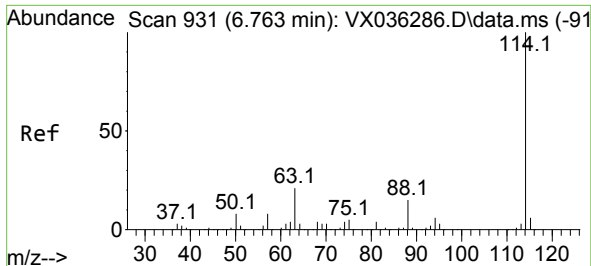
Tgt Ion: 56 Resp: 5896
Ion Ratio Lower Upper
56 100
69 157.5 23.4 35.2#
84 140.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.820 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

Tgt Ion: 65 Resp: 167724
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX036373.D

Acq: 29 Jun 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

MW-4

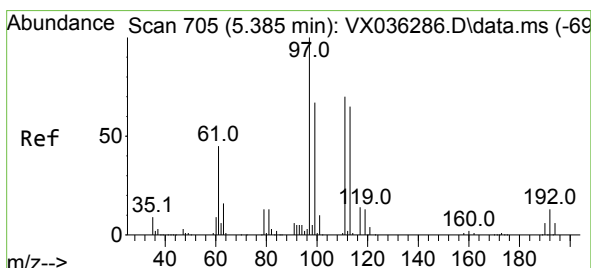
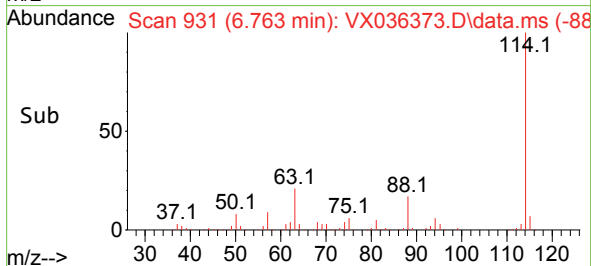
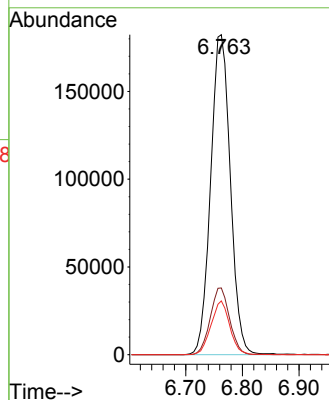
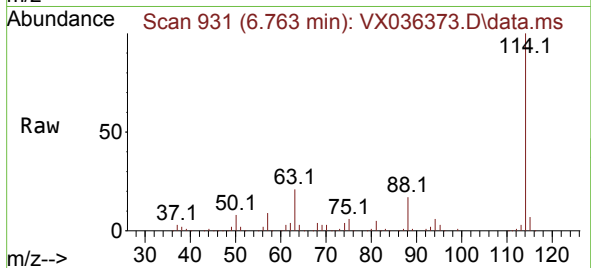
Tgt Ion:114 Resp: 439706

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.8 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.305 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036373.D

Acq: 29 Jun 2023 13:13

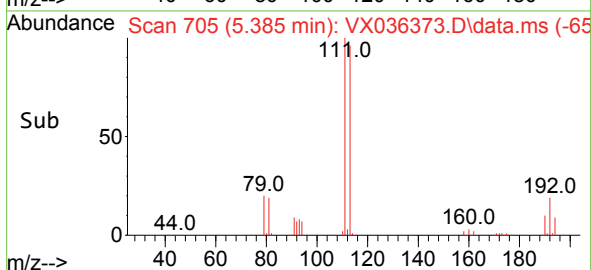
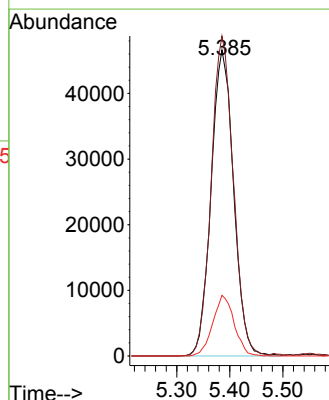
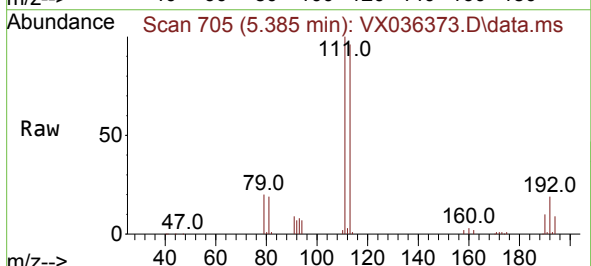
Tgt Ion:113 Resp: 137150

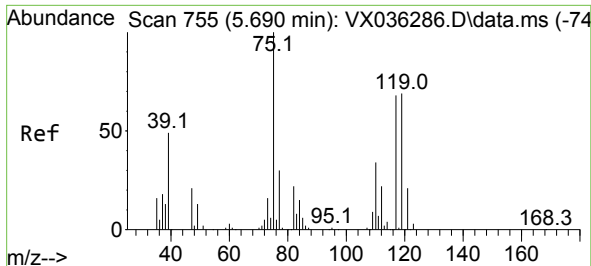
Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX036373.D

Acq: 29 Jun 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

MW-4

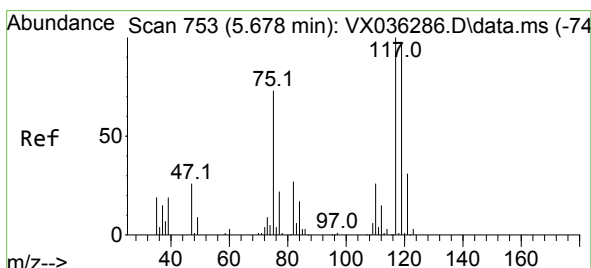
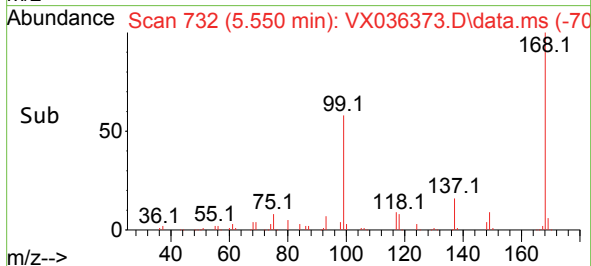
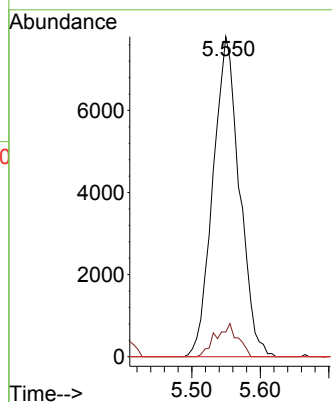
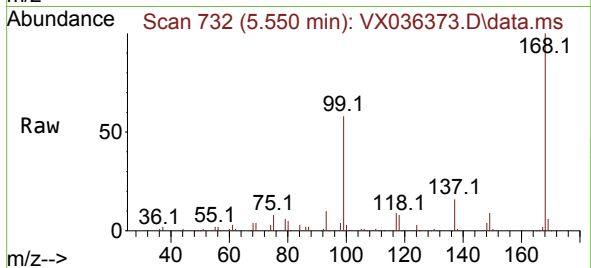
Tgt Ion: 75 Resp: 20957

Ion Ratio Lower Upper

75 100

110 8.6 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.825 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX036373.D

Acq: 29 Jun 2023 13:13

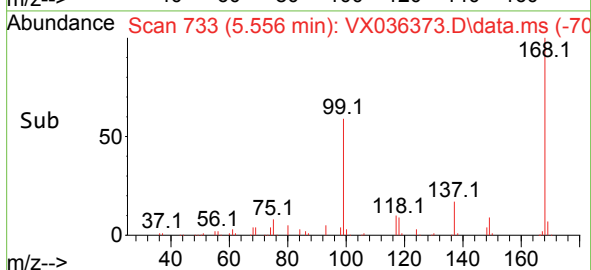
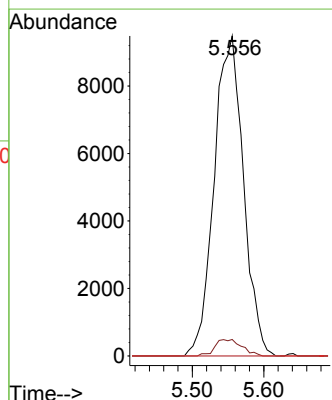
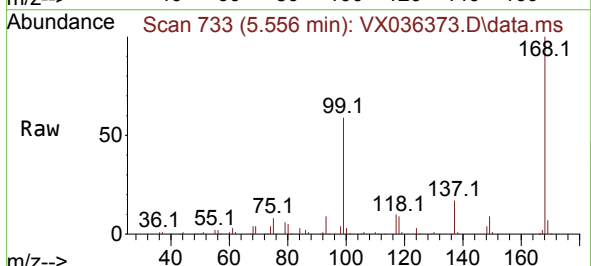
Tgt Ion: 117 Resp: 26941

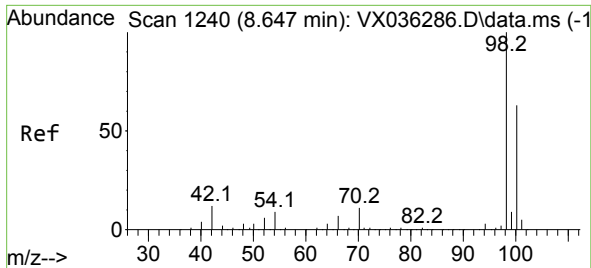
Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#

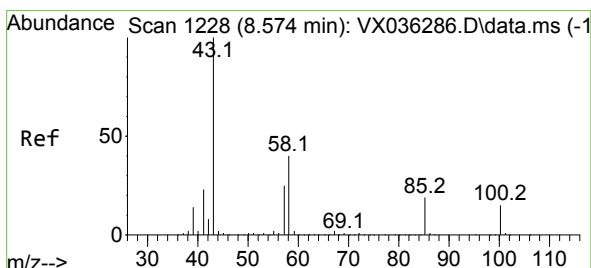
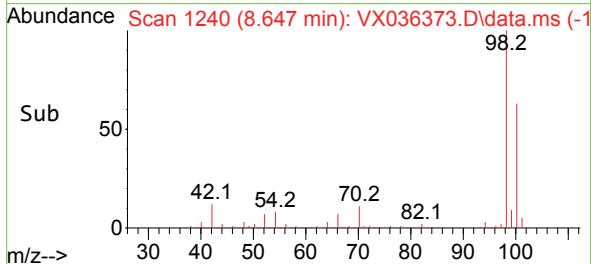
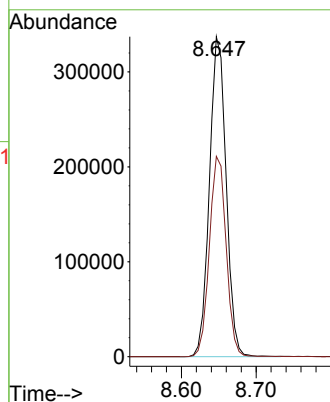
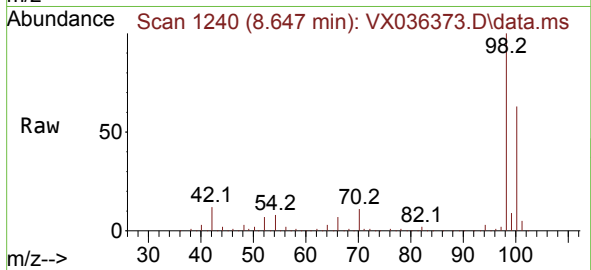




#50
Toluene-d8
Concen: 48.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

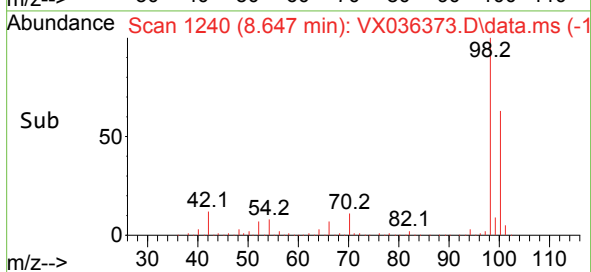
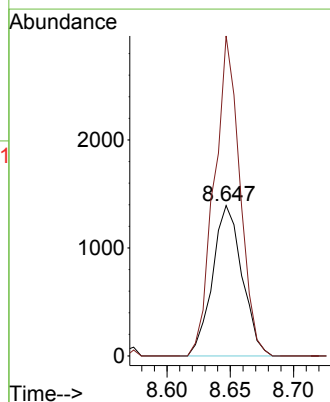
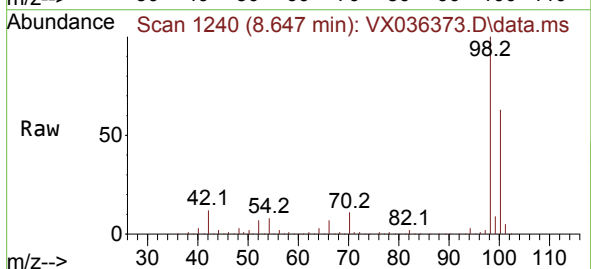
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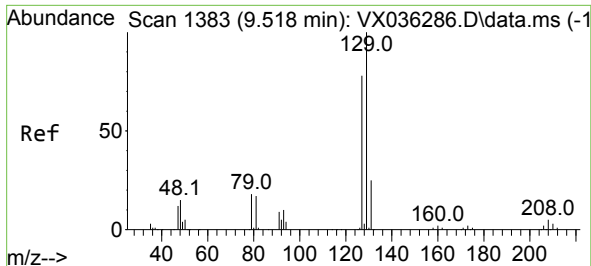
Tgt Ion: 98 Resp: 523731
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

Tgt Ion: 43 Resp: 2268
Ion Ratio Lower Upper
43 100
58 183.8 30.4 45.6#

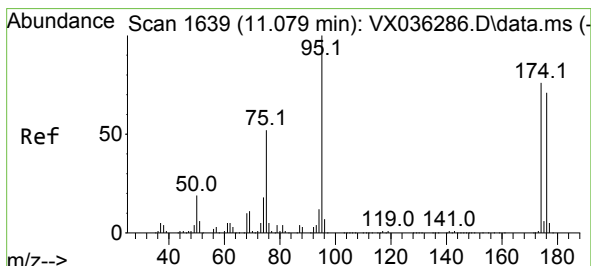
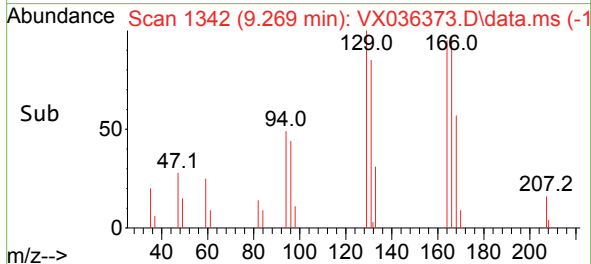
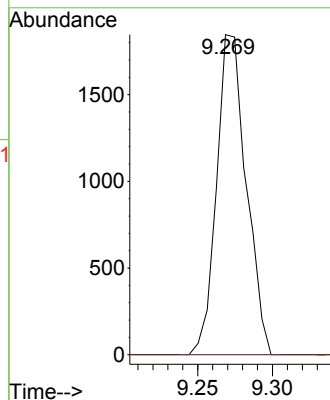
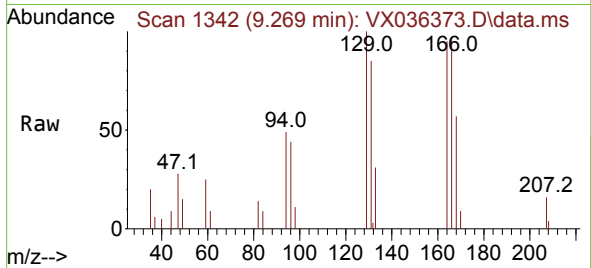




#60
Dibromochloromethane
Concen: 0.824 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.249 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

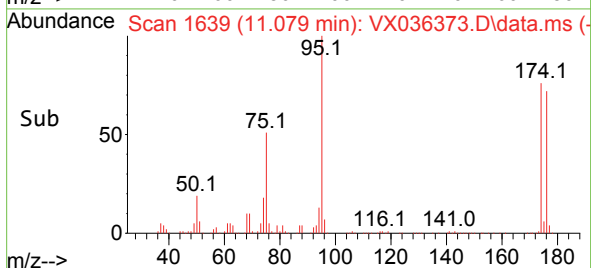
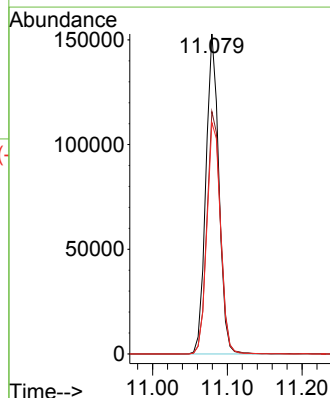
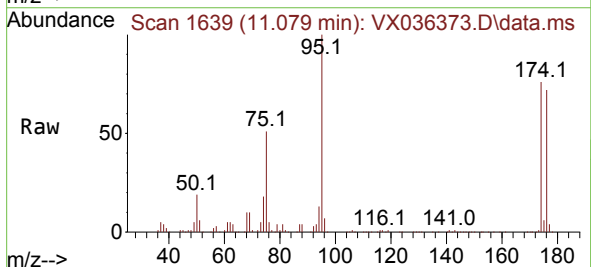
Instrument :
MSVOA_X
ClientSampleId :
MW-4

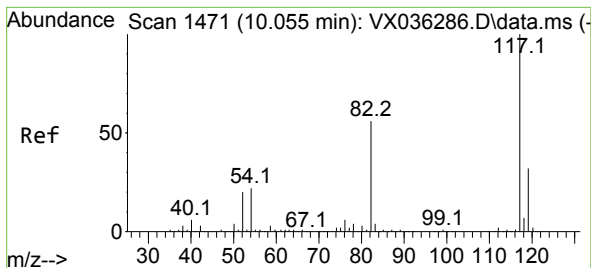
Tgt Ion:129 Resp: 2545
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036373.D
Acq: 29 Jun 2023 13:13

Tgt Ion: 95 Resp: 184372
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 76.3 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: VX036373.D

Acq: 29 Jun 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

MW-4

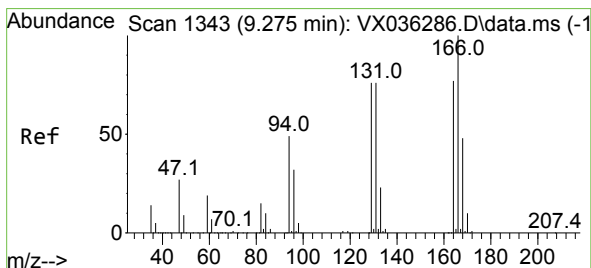
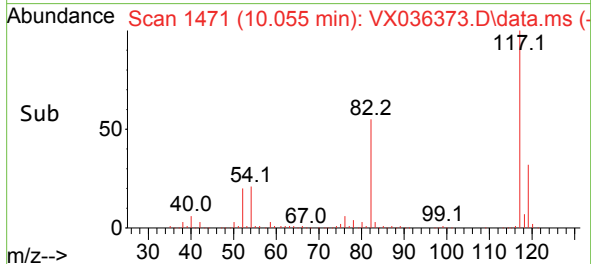
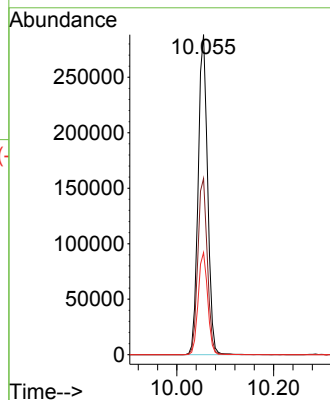
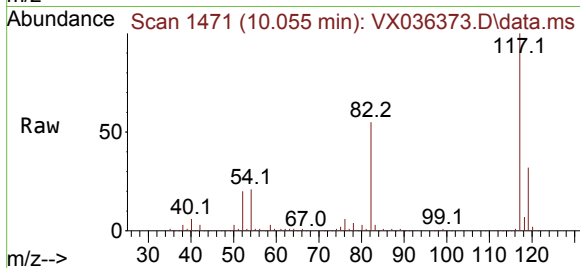
Tgt Ion:117 Resp: 388223

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 0.984 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.005 min

Lab File: VX036373.D

Acq: 29 Jun 2023 13:13

Tgt Ion:164 Resp: 2697

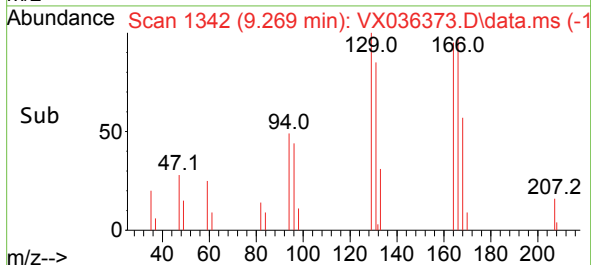
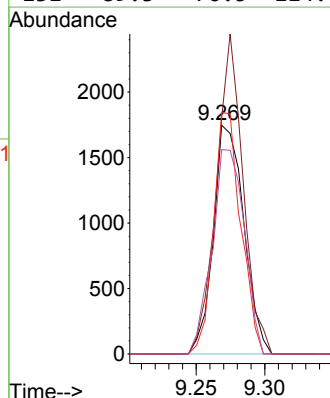
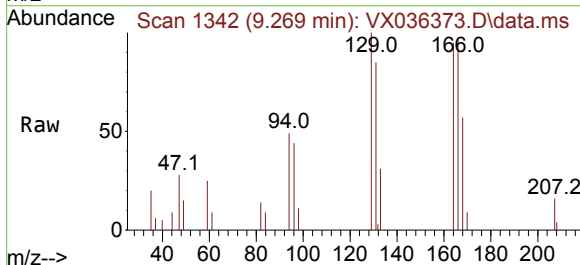
Ion Ratio Lower Upper

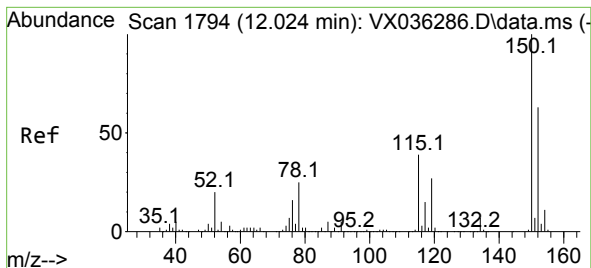
164 100

166 102.9 102.7 154.1

129 105.6 80.4 120.6

131 89.3 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036373.D

Acq: 29 Jun 2023 13:13

Instrument :

MSVOA_X

ClientSampleId :

MW-4

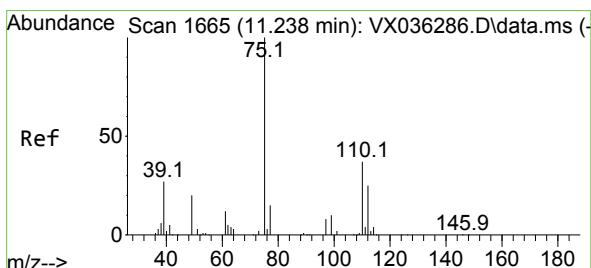
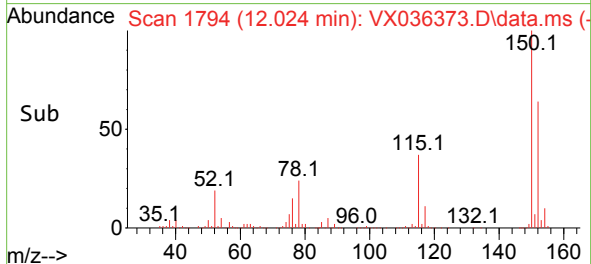
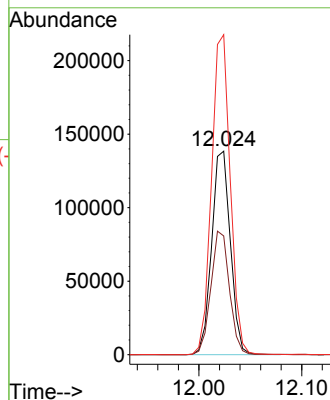
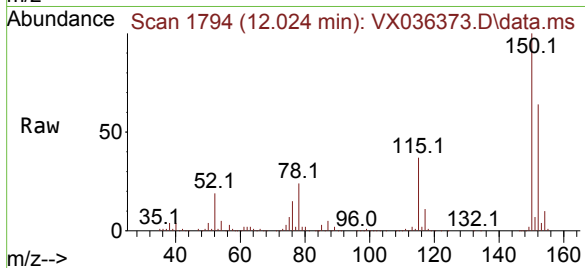
Tgt Ion:152 Resp: 174777

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.849 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036373.D

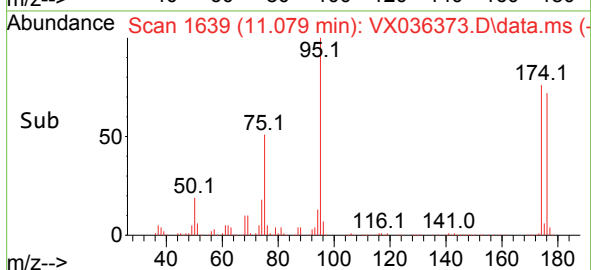
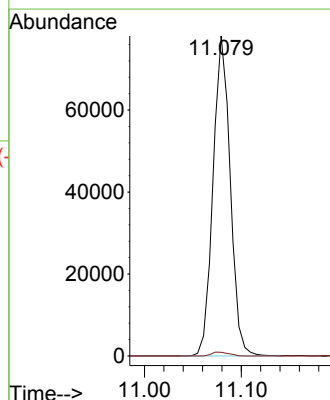
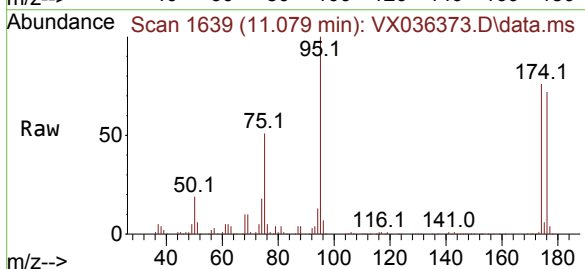
Acq: 29 Jun 2023 13:13

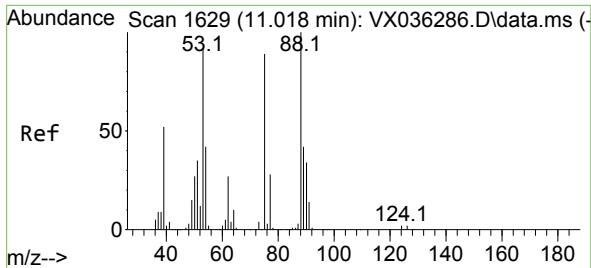
Tgt Ion: 75 Resp: 96365

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.260 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036373.D
 Acq: 29 Jun 2023 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tgt Ion: 75 Resp: 96365
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

