

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036372.D
 Acq On : 29 Jun 2023 12:49
 Operator : JC/MD
 Sample : 03451-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Jun 30 01:29:42 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	276841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	457316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	179845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172614	43.498	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.000%
35) Dibromofluoromethane	5.385	113	142976	47.415	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	532661	47.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.580%
62) 4-Bromofluorobenzene	11.079	95	191370	48.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.480%

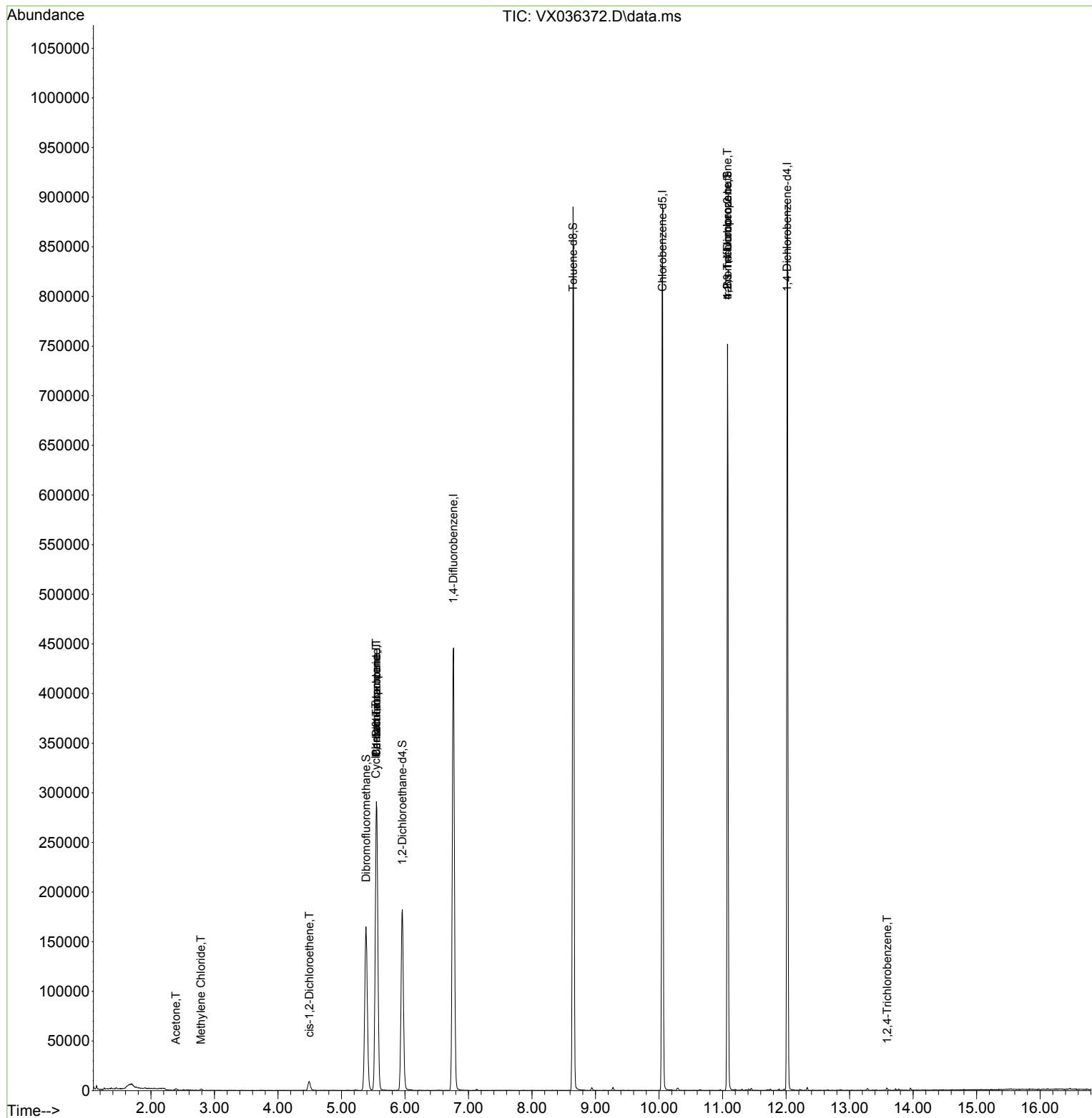
Target Compounds					Qvalue	
16) Acetone	2.392	43	2131	1.256	ug/l #	83
20) Methylene Chloride	2.788	84	794	0.217	ug/l #	78
27) cis-1,2-Dichloroethene	4.495	96	5842	1.552	ug/l	80
31) Cyclohexane	5.544	56	6052	1.190	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21433	4.768	ug/l #	50
38) Carbon Tetrachloride	5.550	117	28248	6.881	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	99126	25.840	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	99126	84.232	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	825	0.222	ug/l	89

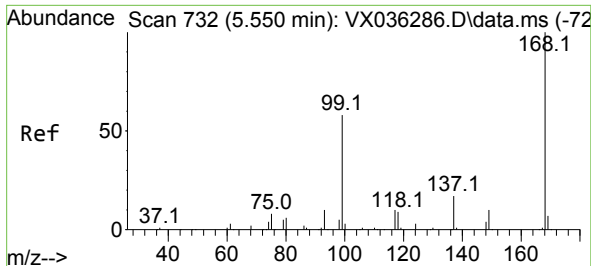
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
Data File : VX036372.D
Acq On : 29 Jun 2023 12:49
Operator : JC/MD
Sample : 03451-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Quant Time: Jun 30 01:29:42 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

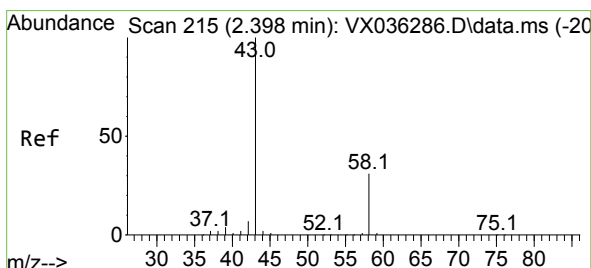
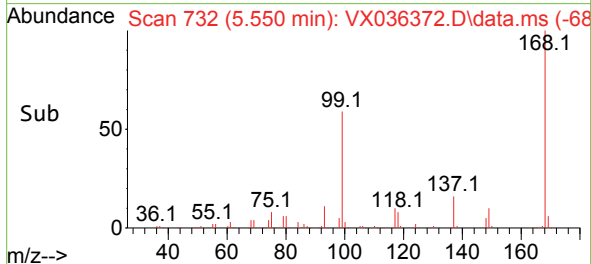
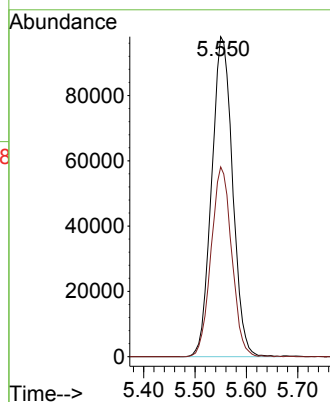
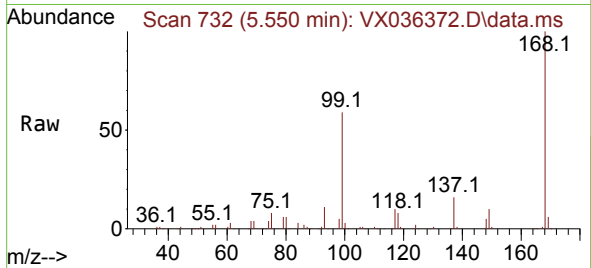




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036372.D
Acq: 29 Jun 2023 12:49

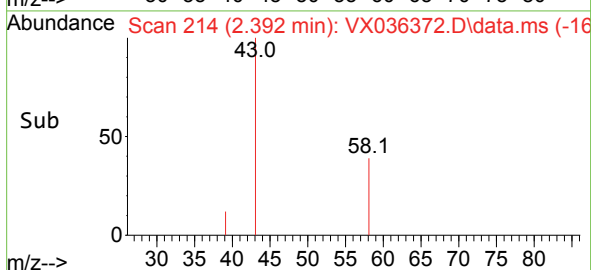
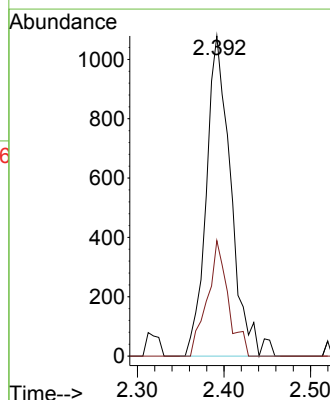
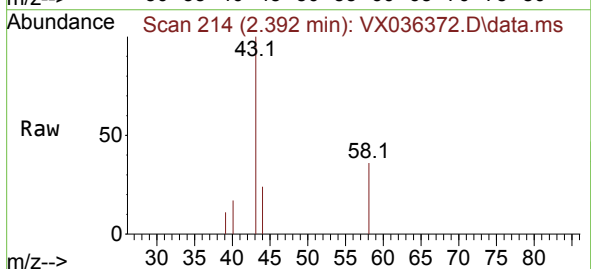
Instrument :
MSVOA_X
ClientSampleId :
MW-5

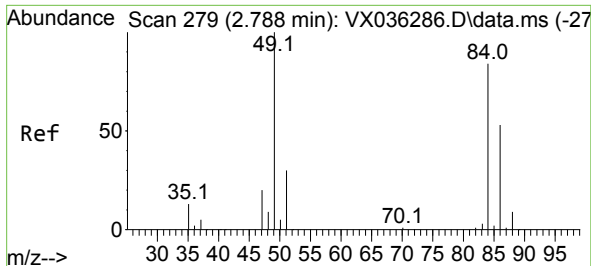
Tgt Ion:168 Resp: 276841
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#16
Acetone
Concen: 1.256 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036372.D
Acq: 29 Jun 2023 12:49

Tgt Ion: 43 Resp: 2131
Ion Ratio Lower Upper
43 100
58 36.1 21.9 32.9#





#20

Methylene Chloride

Concen: 0.217 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036372.D

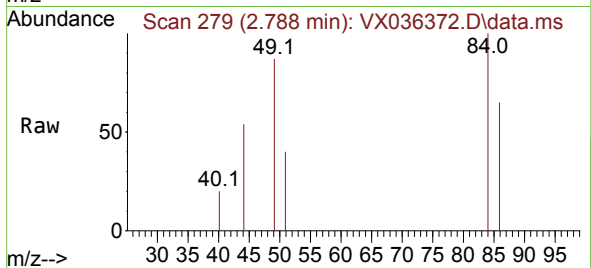
Acq: 29 Jun 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

MW-5



Tgt Ion: 84 Resp: 794

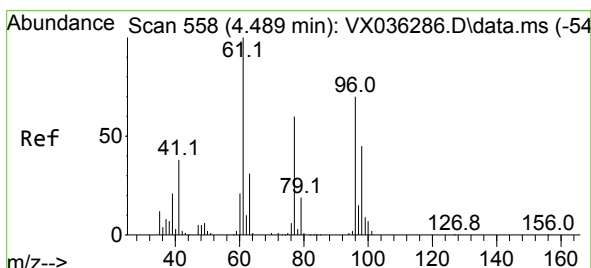
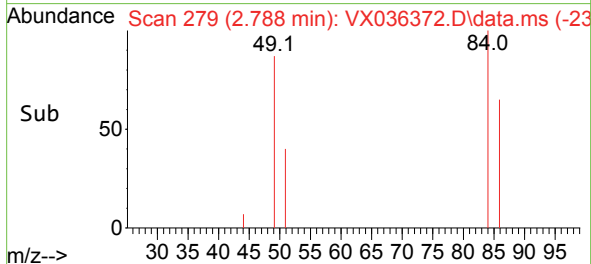
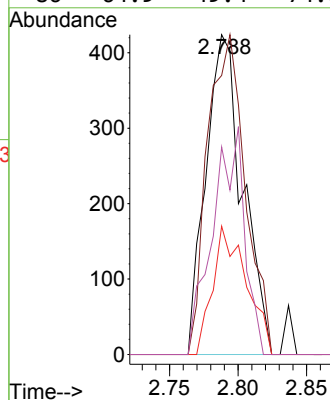
Ion Ratio Lower Upper

84 100

49 87.3 103.6 155.4#

51 40.1 33.8 50.6

86 64.9 49.4 74.0



#27

cis-1,2-Dichloroethene

Concen: 1.552 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX036372.D

Acq: 29 Jun 2023 12:49

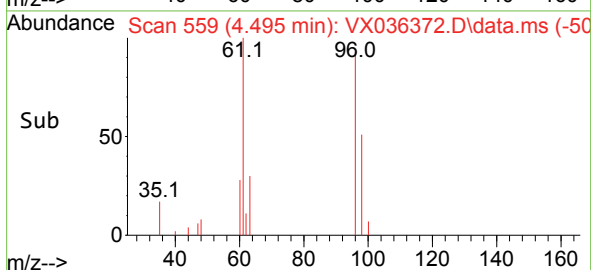
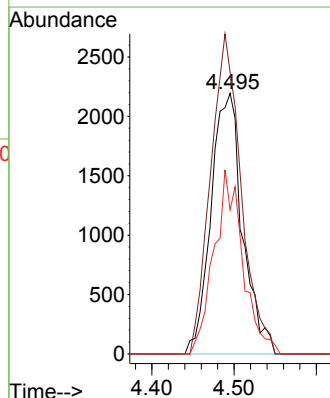
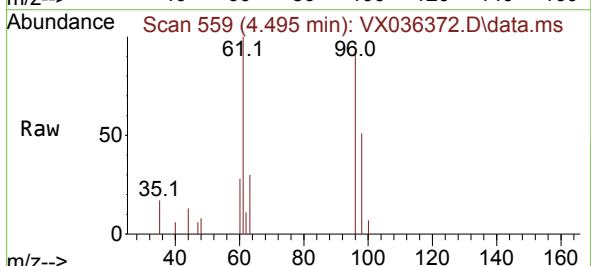
Tgt Ion: 96 Resp: 5842

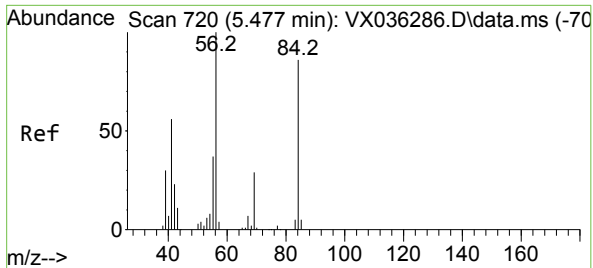
Ion Ratio Lower Upper

96 100

61 119.2 0.0 312.2

98 64.5 0.0 129.0

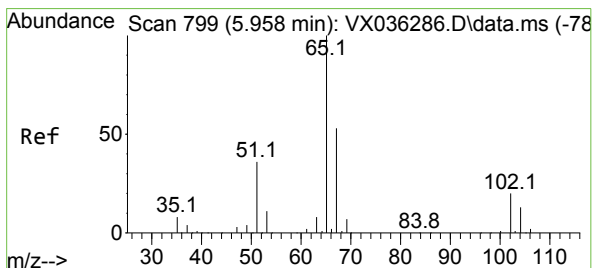
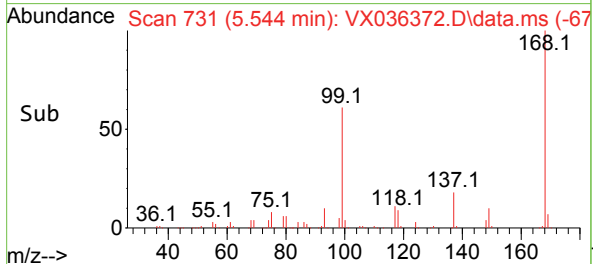
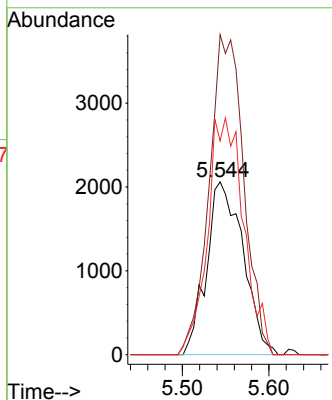
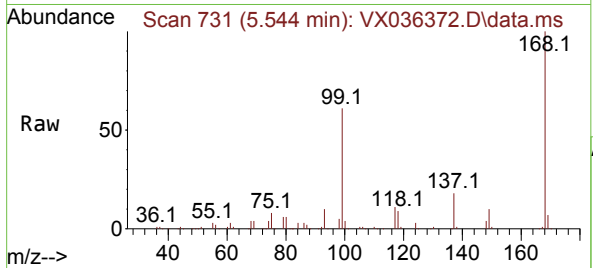




#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX036372.D
Acq: 29 Jun 2023 12:49

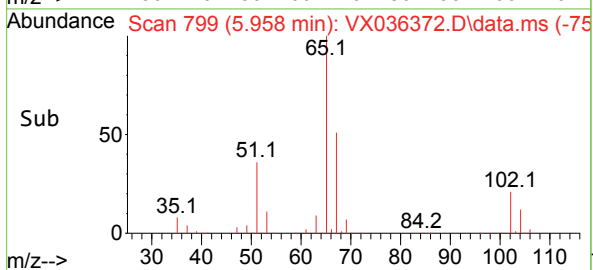
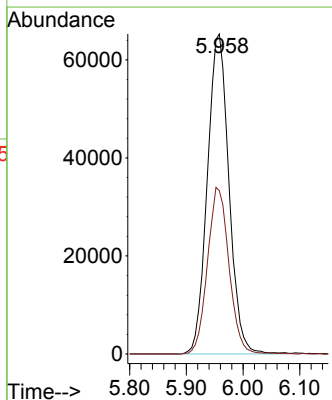
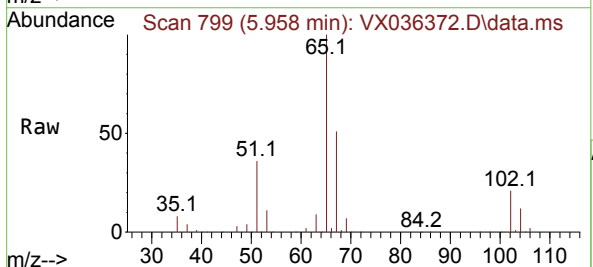
Instrument :
MSVOA_X
ClientSampleId :
MW-5

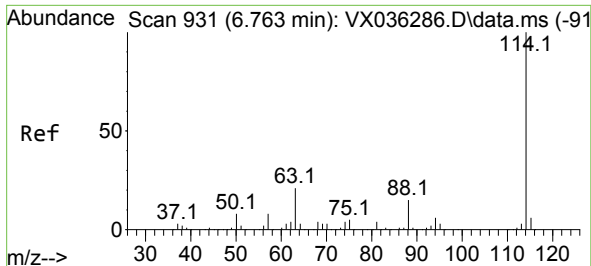
Tgt Ion: 56 Resp: 6052
Ion Ratio Lower Upper
56 100
69 185.2 23.4 35.2#
84 123.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.498 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036372.D
Acq: 29 Jun 2023 12:49

Tgt Ion: 65 Resp: 172614
Ion Ratio Lower Upper
65 100
67 51.9 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: VX036372.D

Acq: 29 Jun 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

MW-5

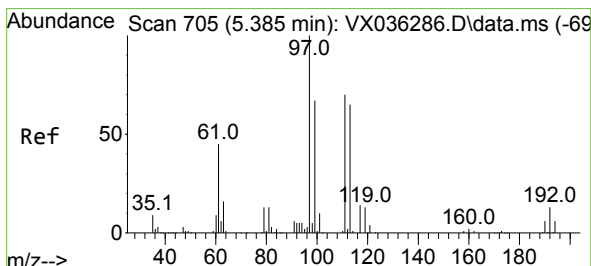
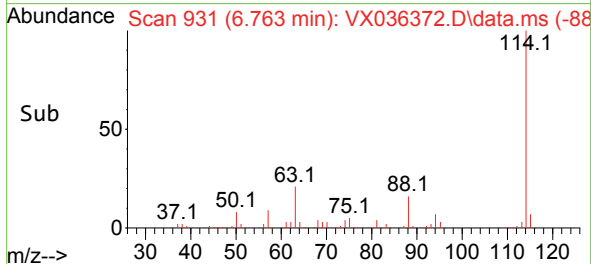
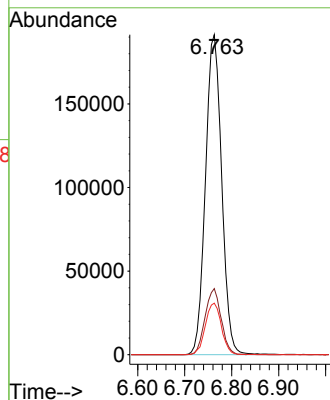
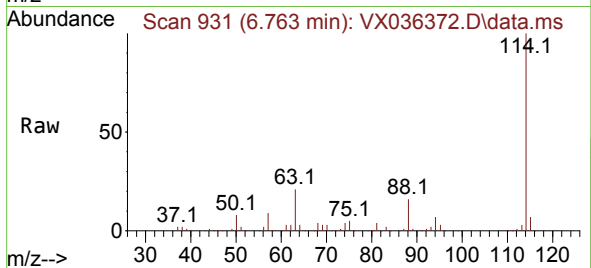
Tgt Ion:114 Resp: 457316

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.415 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036372.D

Acq: 29 Jun 2023 12:49

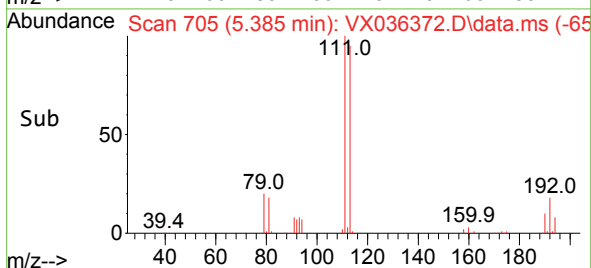
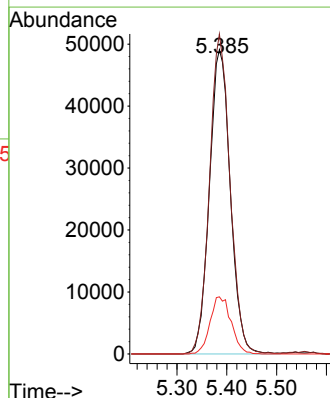
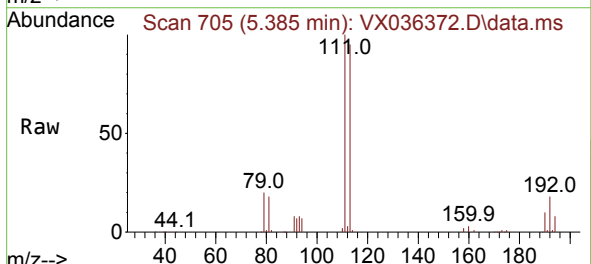
Tgt Ion:113 Resp: 142976

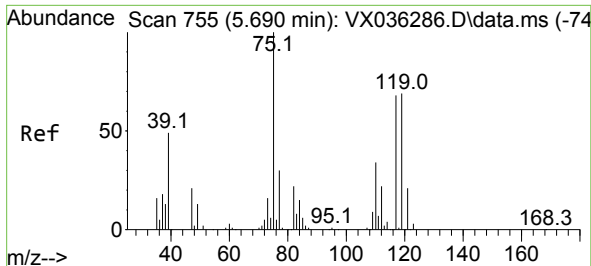
Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 18.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.768 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX036372.D

Acq: 29 Jun 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

MW-5

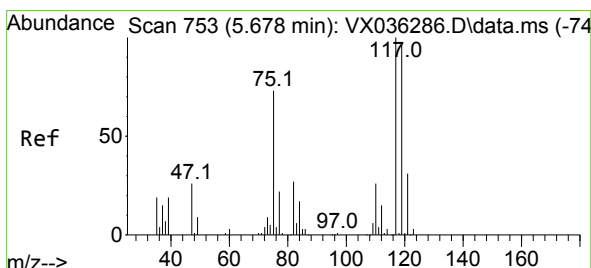
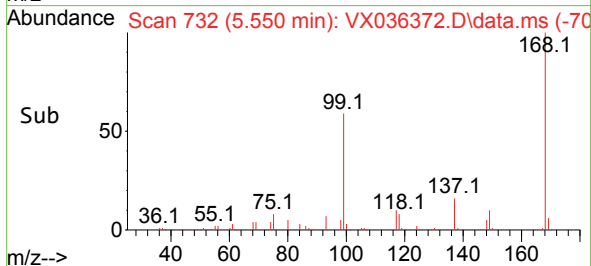
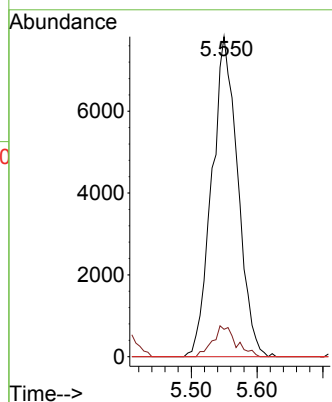
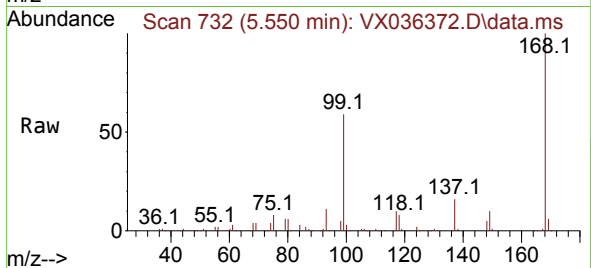
Tgt Ion: 75 Resp: 21433

Ion Ratio Lower Upper

75 100

110 8.6 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.881 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX036372.D

Acq: 29 Jun 2023 12:49

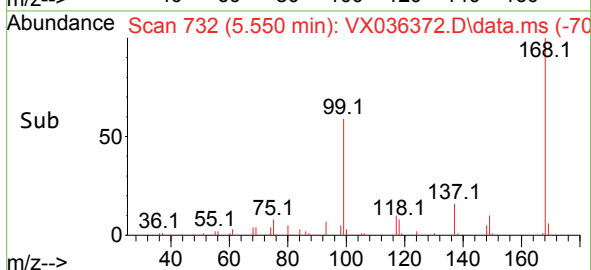
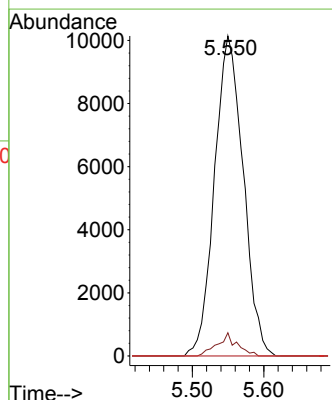
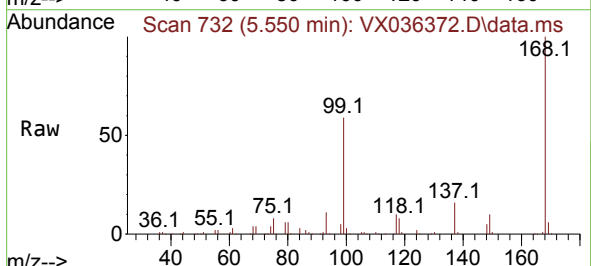
Tgt Ion: 117 Resp: 28248

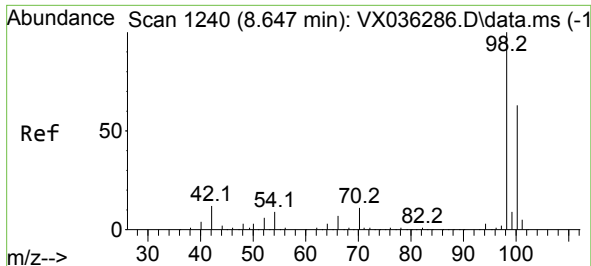
Ion Ratio Lower Upper

117 100

119 7.2 78.2 117.2#

121 0.0 24.4 36.6#

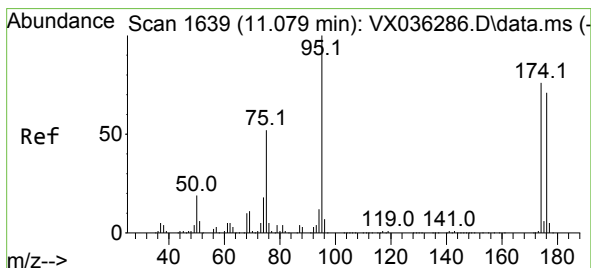
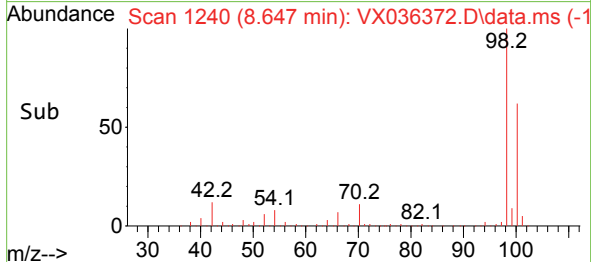
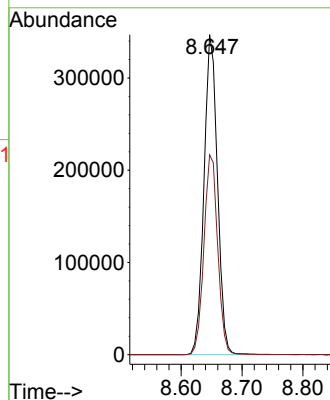
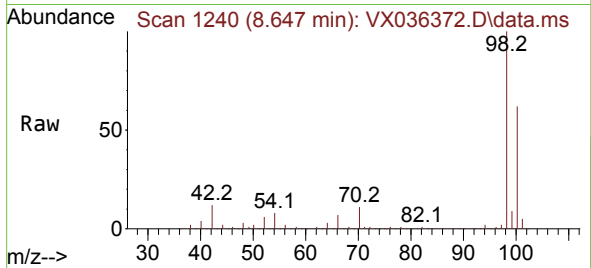




#50
Toluene-d8
Concen: 47.295 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036372.D
Acq: 29 Jun 2023 12:49

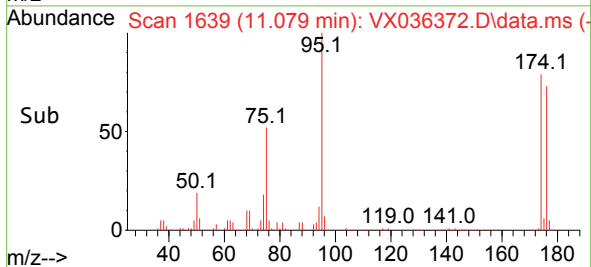
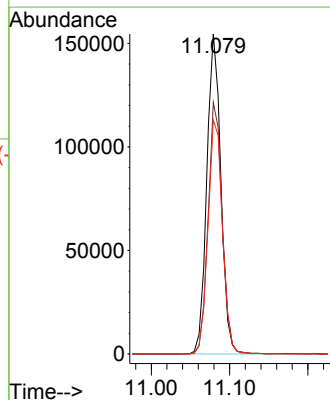
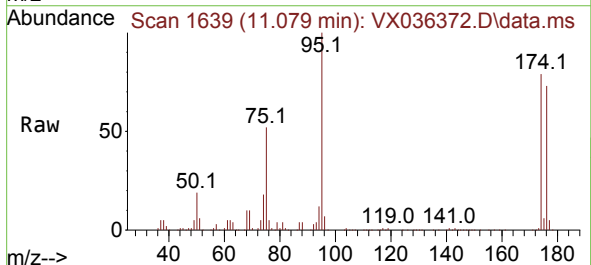
Instrument :
MSVOA_X
ClientSampleId :
MW-5

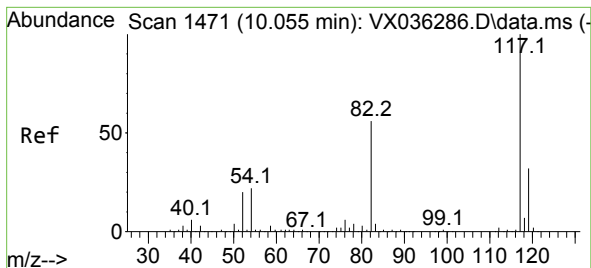
Tgt Ion: 98 Resp: 532661
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036372.D
Acq: 29 Jun 2023 12:49

Tgt Ion: 95 Resp: 191370
Ion Ratio Lower Upper
95 100
174 79.2 0.0 135.6
176 75.3 0.0 131.0

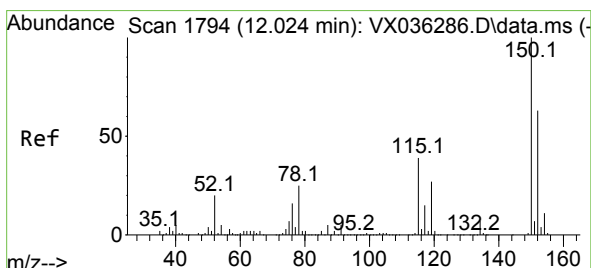
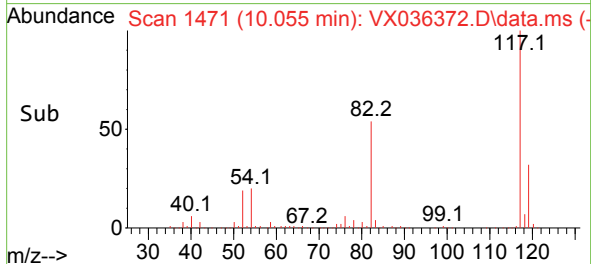
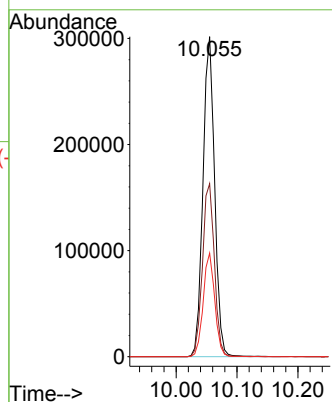
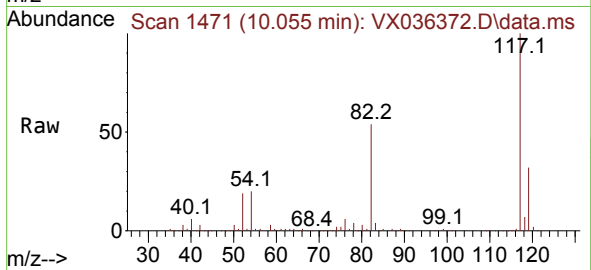




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036372.D
Acq: 29 Jun 2023 12:49

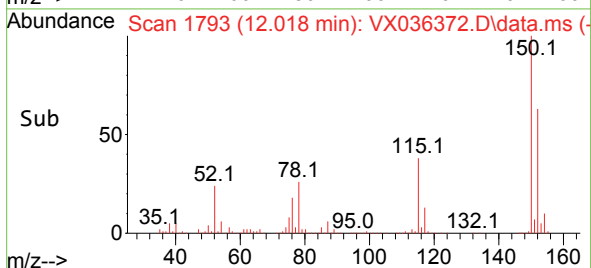
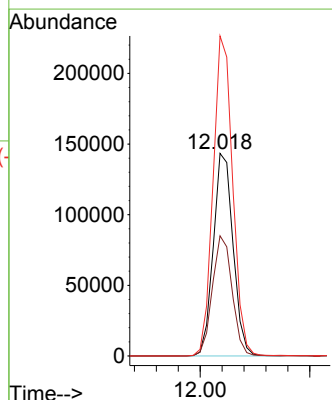
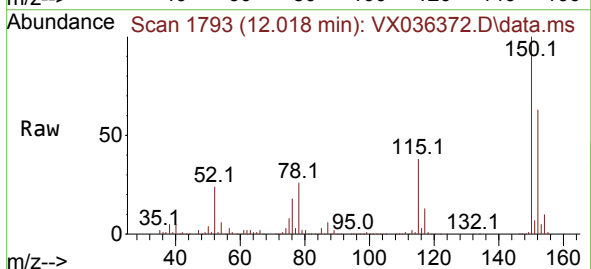
Instrument :
MSVOA_X
ClientSampleId :
MW-5

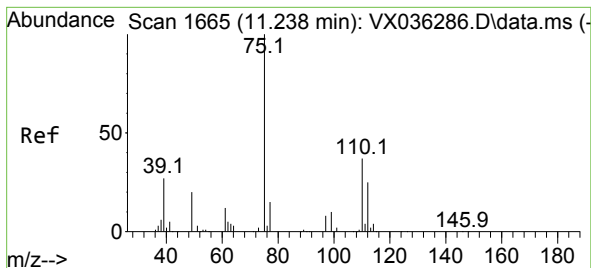
Tgt Ion:117 Resp: 402029
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036372.D
Acq: 29 Jun 2023 12:49

Tgt Ion:152 Resp: 179845
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.840 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036372.D

Acq: 29 Jun 2023 12:49

Instrument :

MSVOA_X

ClientSampleId :

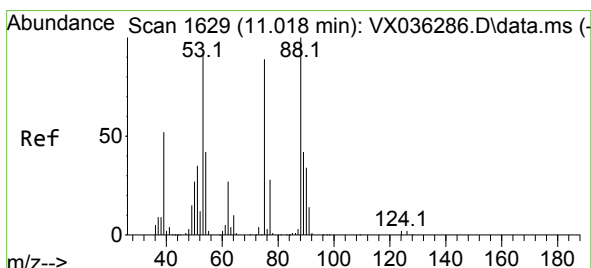
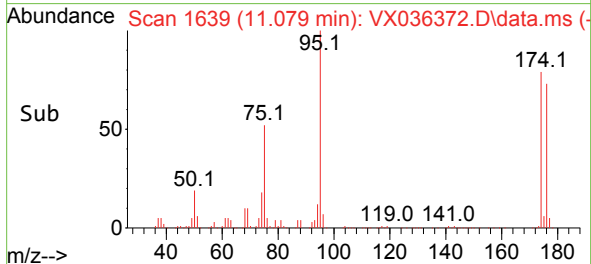
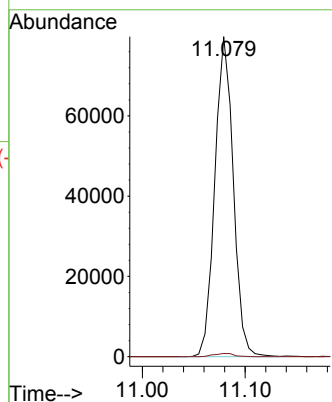
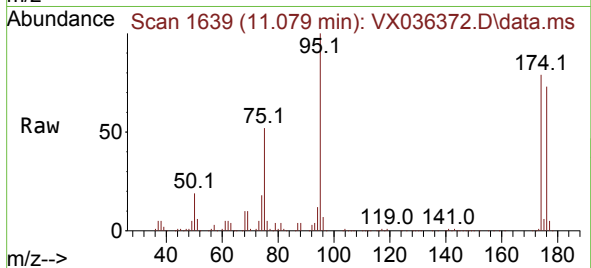
MW-5

Tgt Ion: 75 Resp: 99126

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.232 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036372.D

Acq: 29 Jun 2023 12:49

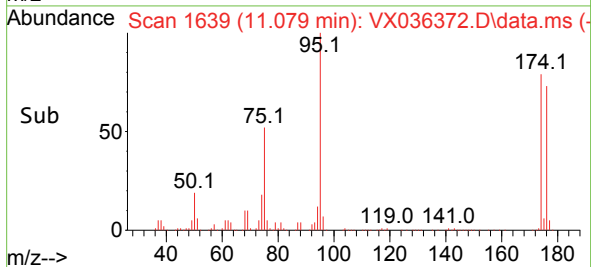
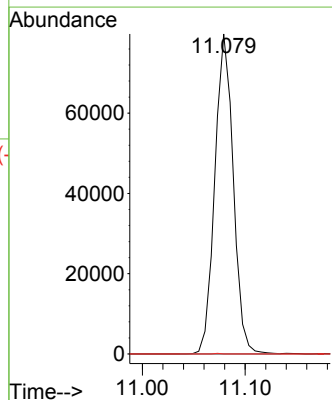
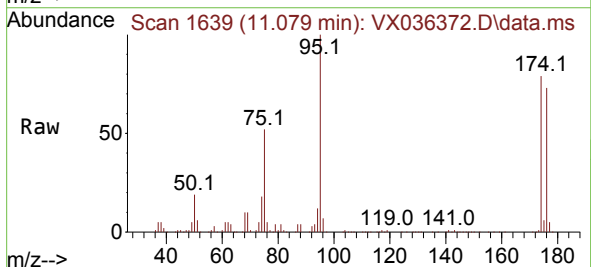
Tgt Ion: 75 Resp: 99126

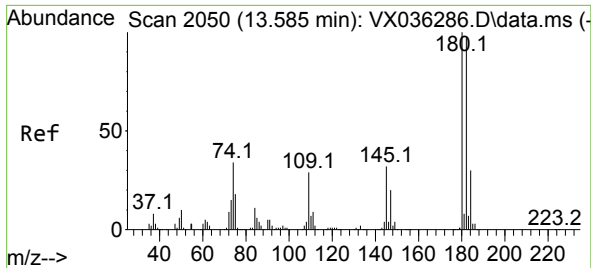
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

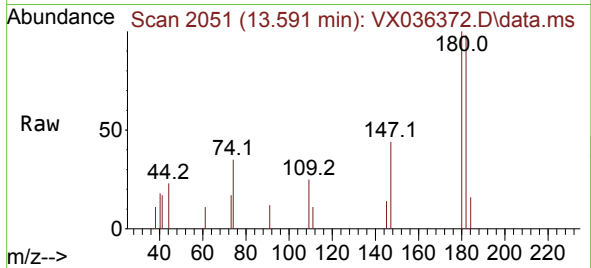
89 0.1 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.222 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX036372.D
 Acq: 29 Jun 2023 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5



Tgt Ion:180	Resp:	825
Ion	Ratio	Lower Upper
180	100	
182	82.8	48.3 144.8
145	38.3	18.0 54.0

