

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036211.D
 Acq On : 19 Jun 2023 17:14
 Operator : JC/MD
 Sample : 03238-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4B

Quant Time: Jun 20 03:45:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

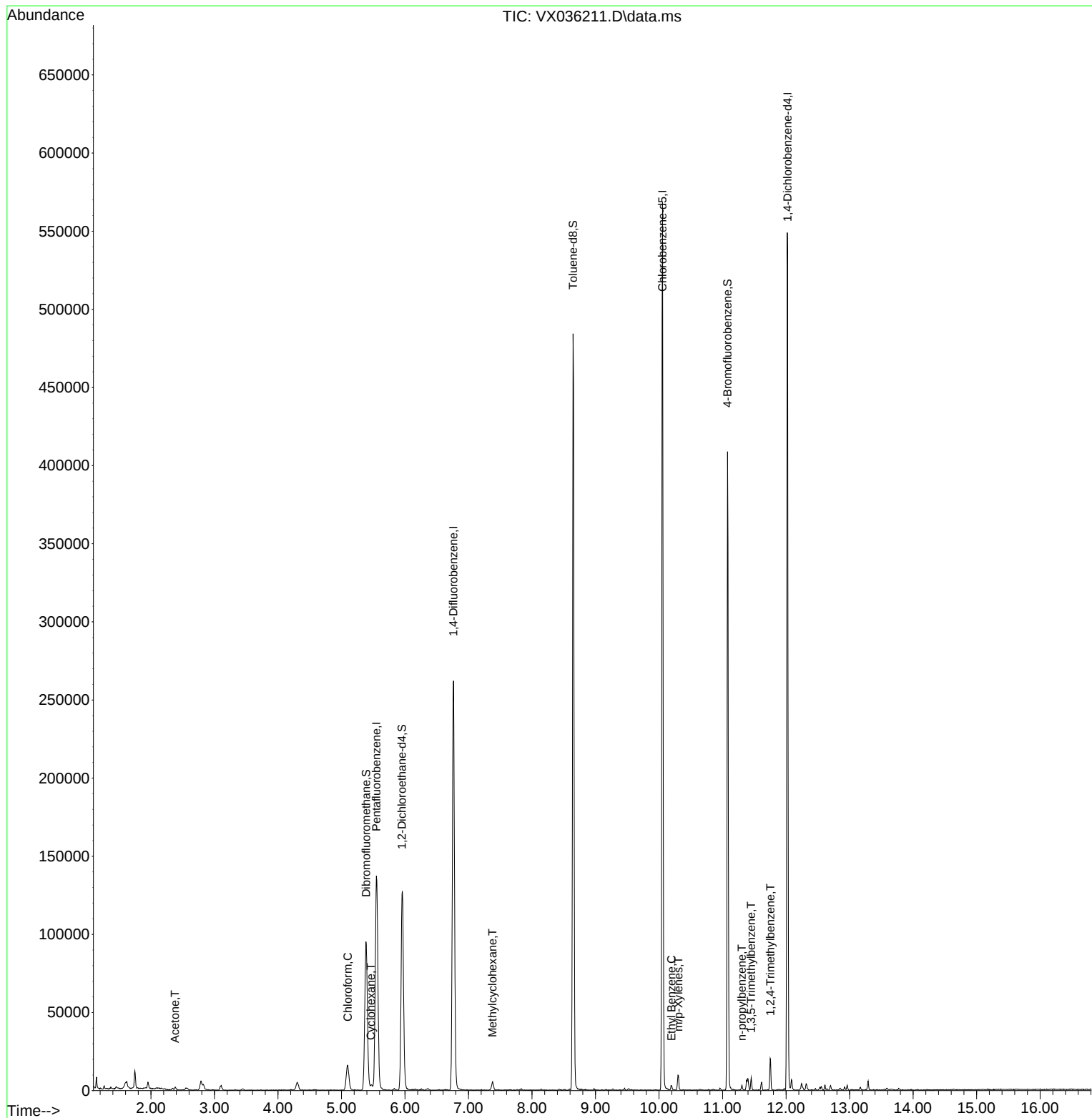
Internal Standards						
1) Pentafluorobenzene	5.550	168	116255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	132303	62.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.560%#
35) Dibromofluoromethane	5.385	113	82515	49.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.080%
50) Toluene-d8	8.647	98	269392	44.220	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.440%#
62) 4-Bromofluorobenzene	11.079	95	108667	44.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.380%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2559	2.899	ug/l	100
30) Chloroform	5.099	83	18812	6.397	ug/l	98
31) Cyclohexane	5.464	56	1988	0.872	ug/l #	61
39) Methylcyclohexane	7.379	83	2025	0.766	ug/l	98
67) Ethyl Benzene	10.195	91	1794	0.211	ug/l	100
68) m/p-Xylenes	10.305	106	2207	0.687	ug/l	91
78) n-propylbenzene	11.305	91	1937	0.215	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3158	0.484	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	8626	1.325	ug/l	96

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

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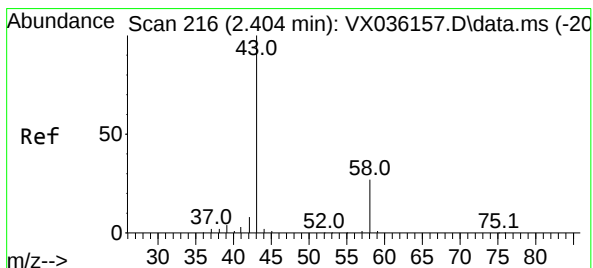
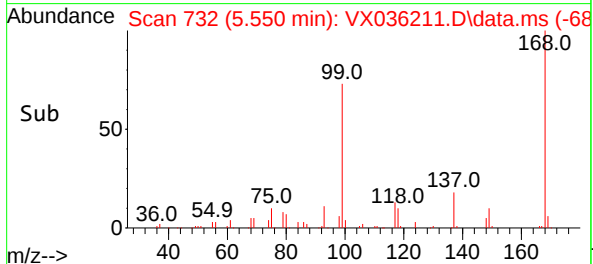
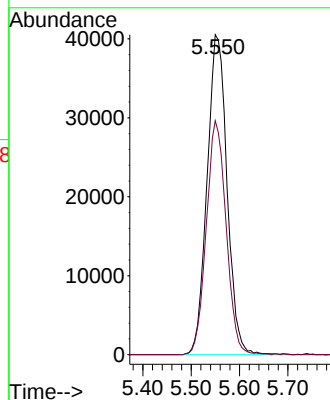
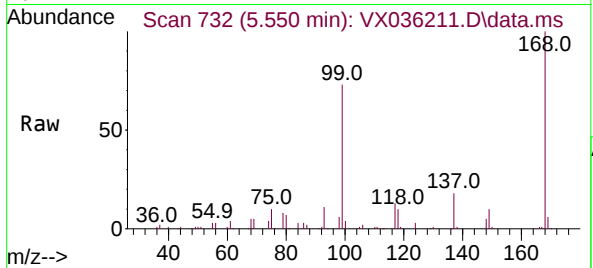




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

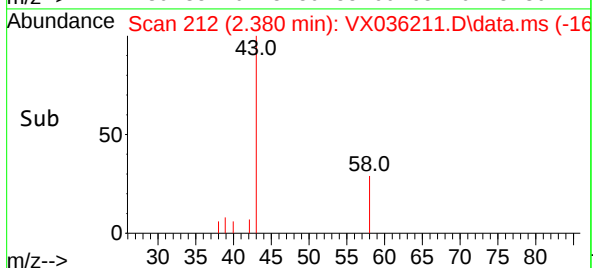
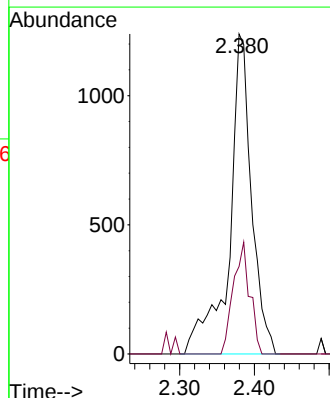
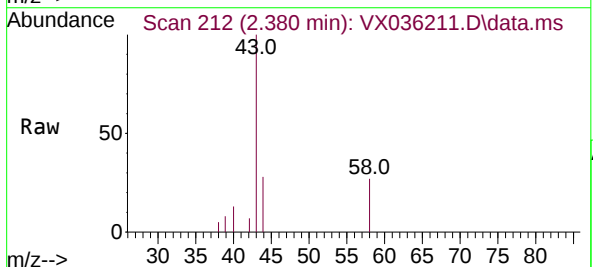
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

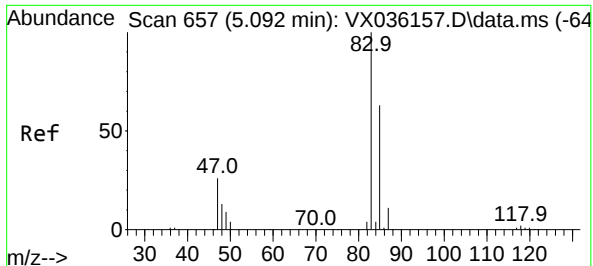
Tgt Ion:168 Resp: 116255
Ion Ratio Lower Upper
168 100
99 73.1 56.6 85.0



#16
Acetone
Concen: 2.899 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

Tgt Ion: 43 Resp: 2559
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9





#30

Chloroform

Concen: 6.397 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX036211.D

Acq: 19 Jun 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

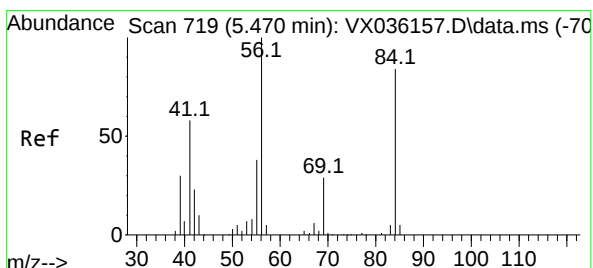
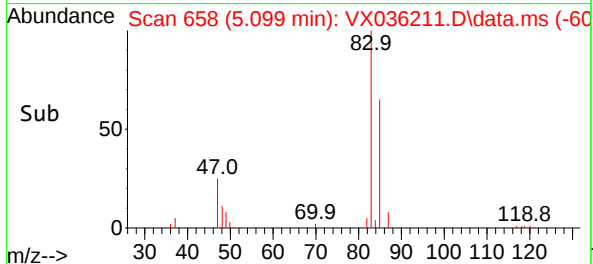
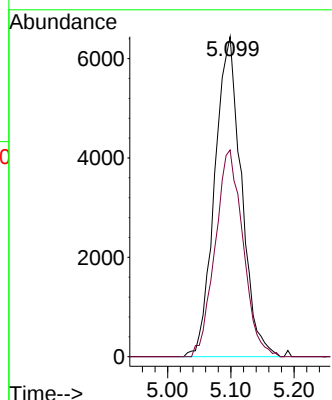
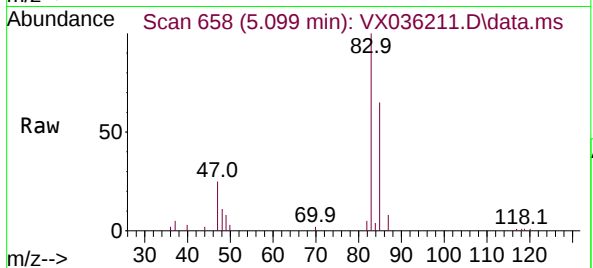
MW-4B

Tgt Ion: 83 Resp: 18812

Ion Ratio Lower Upper

83 100

85 64.6 50.3 75.5



#31

Cyclohexane

Concen: 0.872 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX036211.D

Acq: 19 Jun 2023 17:14

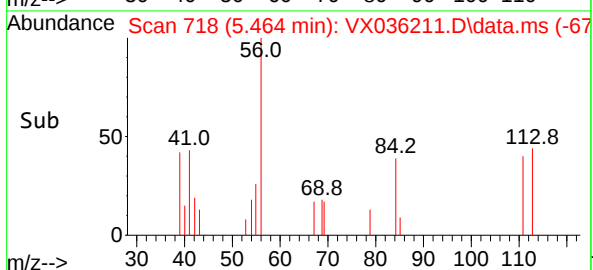
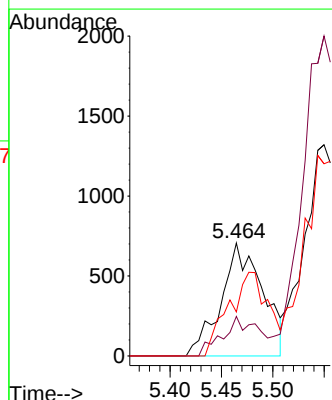
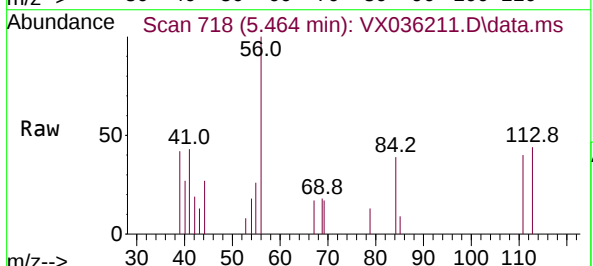
Tgt Ion: 56 Resp: 1988

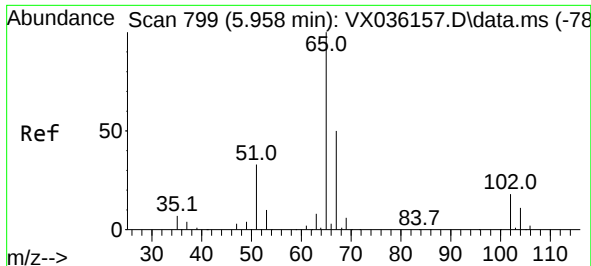
Ion Ratio Lower Upper

56 100

69 35.0 23.4 35.2

84 39.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 62.275 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036211.D

Acq: 19 Jun 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

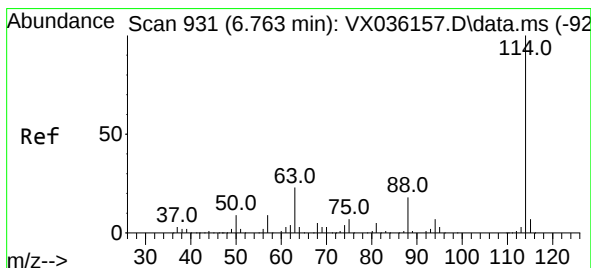
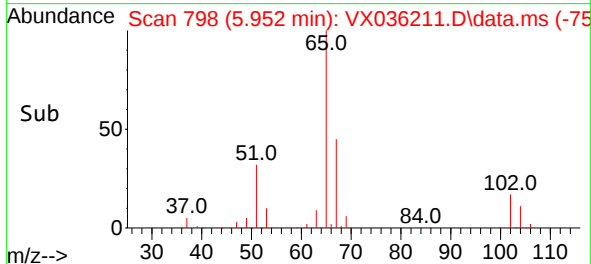
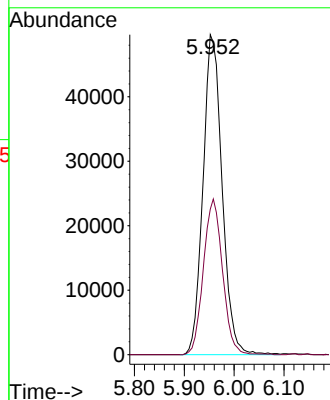
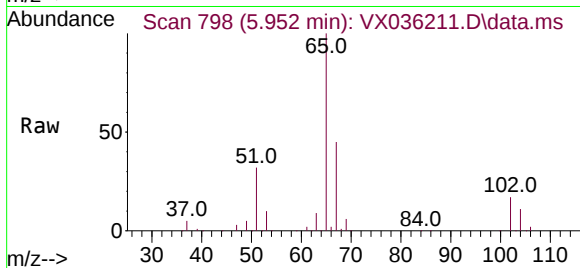
MW-4B

Tgt Ion: 65 Resp: 132303

Ion Ratio Lower Upper

65 100

67 48.7 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: VX036211.D

Acq: 19 Jun 2023 17:14

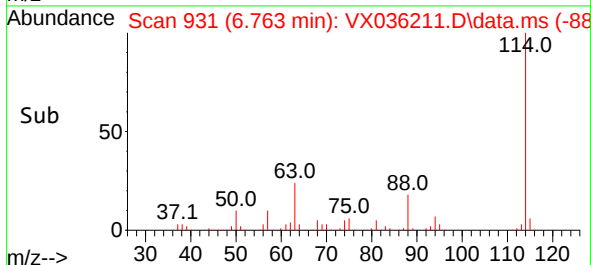
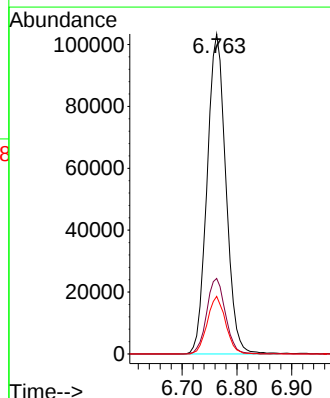
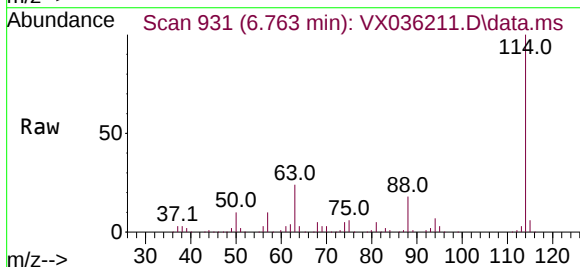
Tgt Ion: 114 Resp: 245600

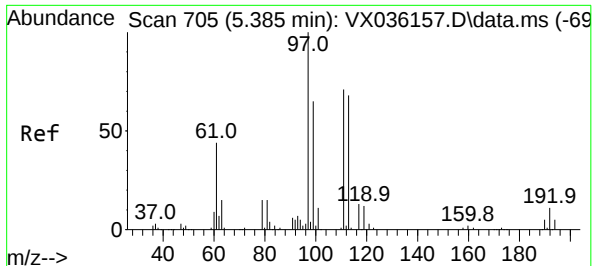
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 18.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.545 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036211.D

Acq: 19 Jun 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

MW-4B

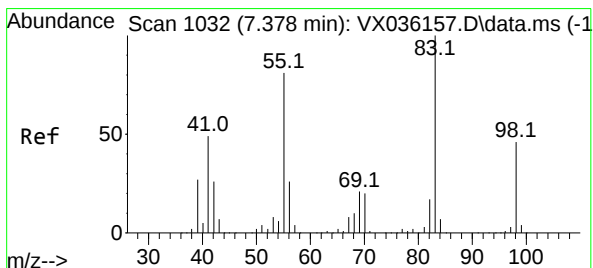
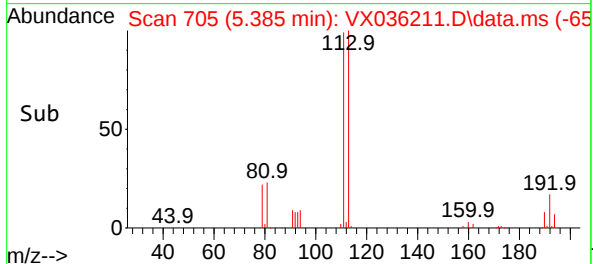
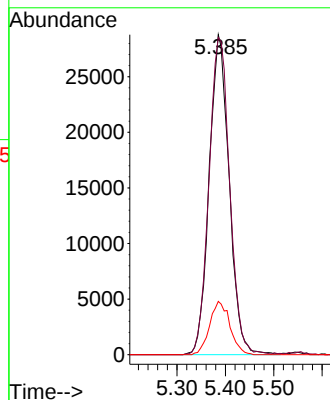
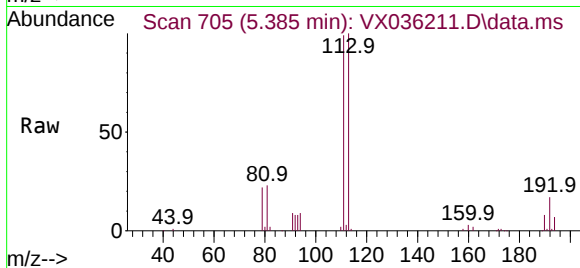
Tgt Ion:113 Resp: 82515

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 16.9 13.3 19.9



#39

Methylcyclohexane

Concen: 0.766 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036211.D

Acq: 19 Jun 2023 17:14

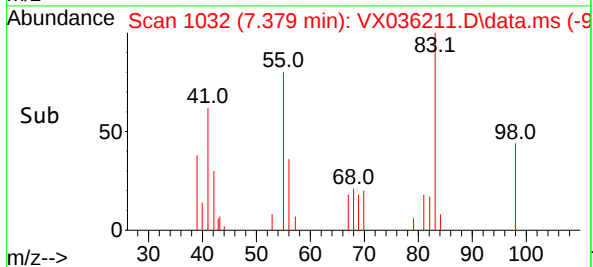
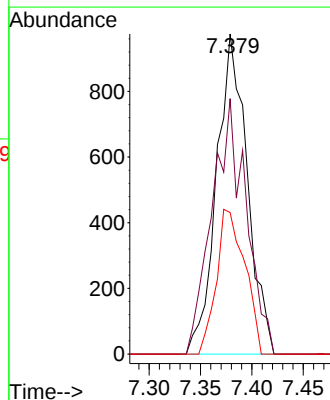
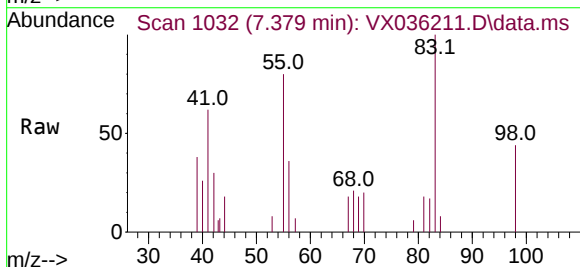
Tgt Ion: 83 Resp: 2025

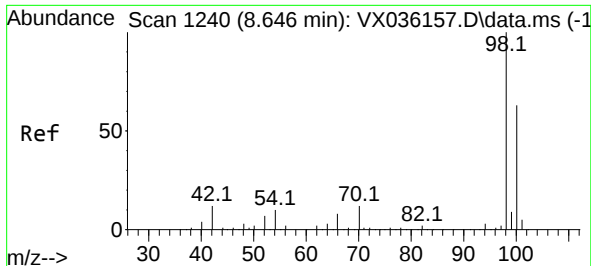
Ion Ratio Lower Upper

83 100

55 79.8 64.6 97.0

98 44.2 36.7 55.1

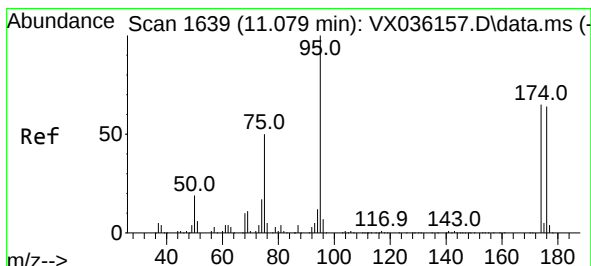
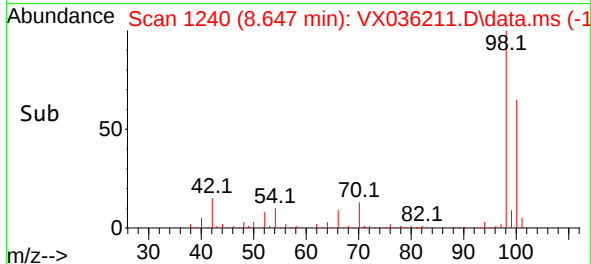
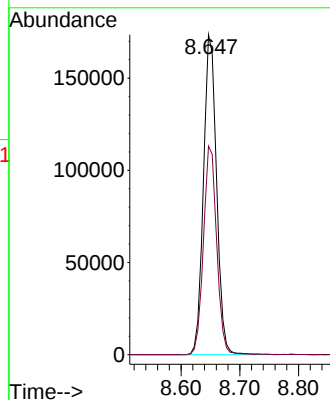
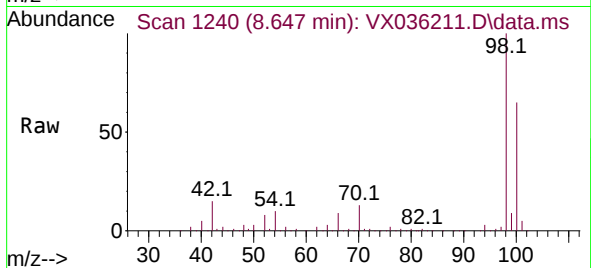




#50
Toluene-d8
Concen: 44.220 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

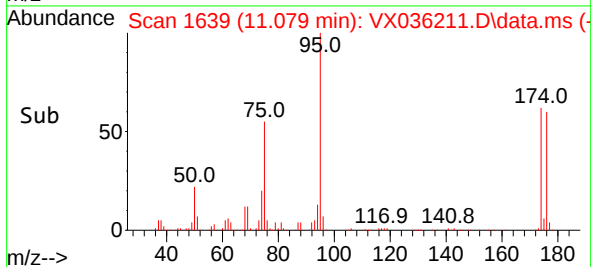
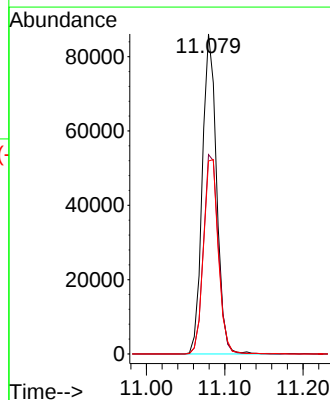
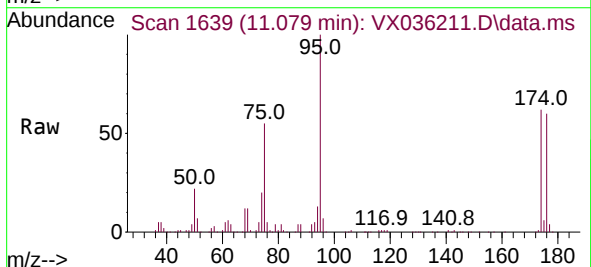
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

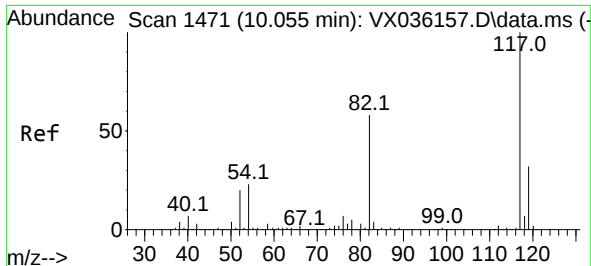
Tgt Ion: 98 Resp: 269392
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

Tgt Ion: 95 Resp: 108667
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.6
176 63.5 0.0 131.0

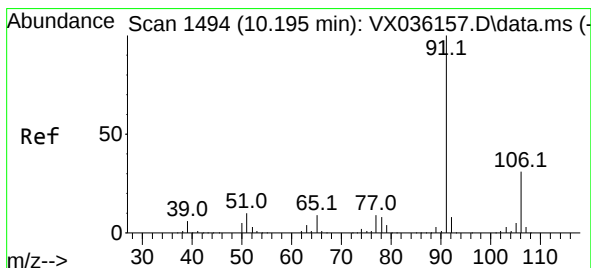
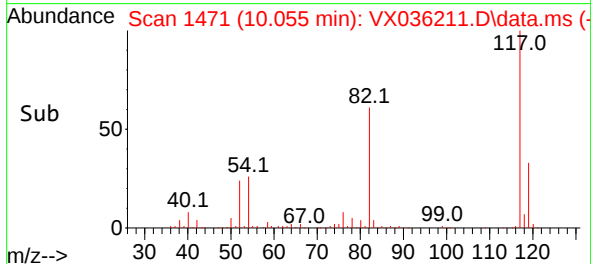
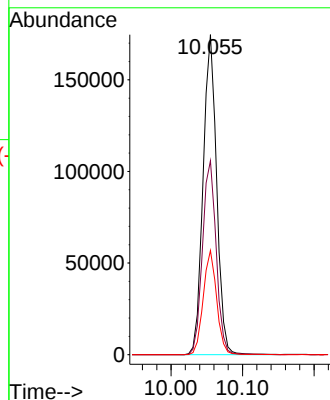
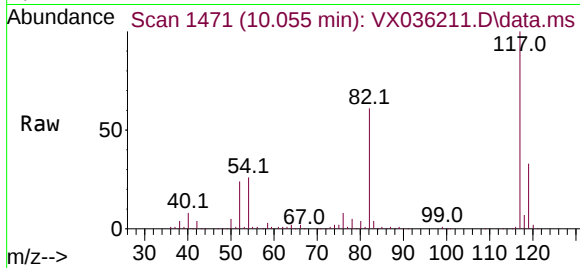




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

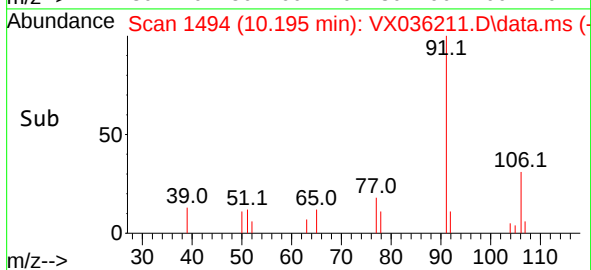
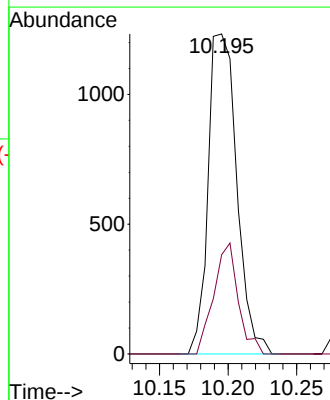
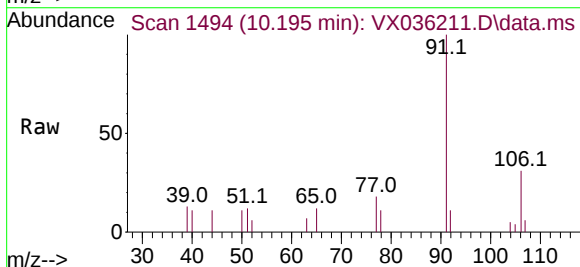
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MSVOA_X
ClientSampleId :
MW-4B

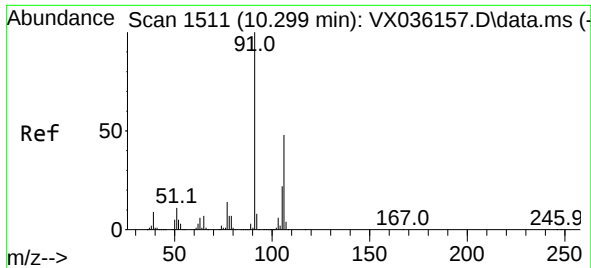
Tgt Ion:117 Resp: 230083
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.5 25.5 38.3



#67
Ethyl Benzene
Concen: 0.211 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

Tgt Ion: 91 Resp: 1794
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

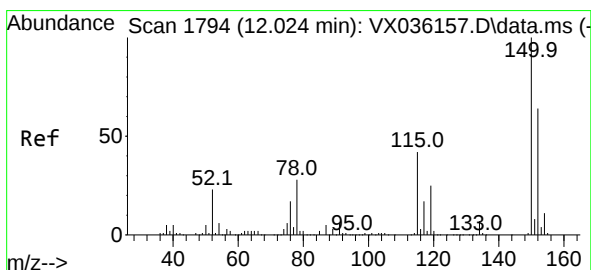
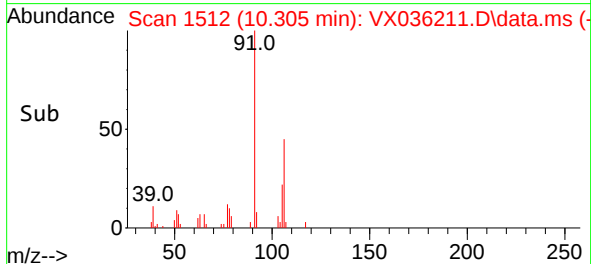
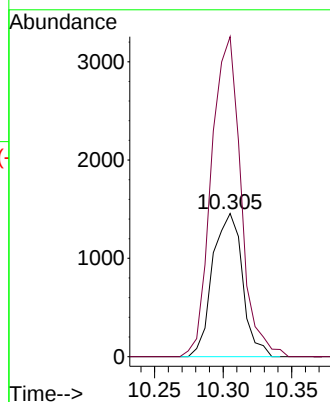
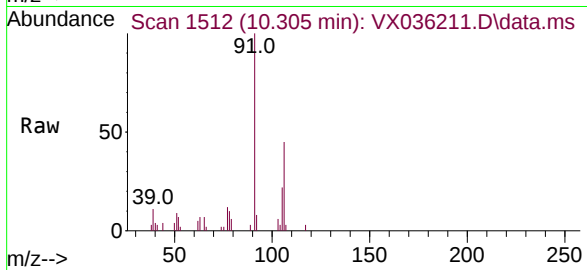




#68
m/p-Xylenes
Concen: 0.687 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

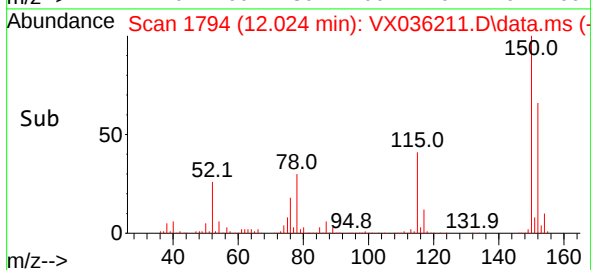
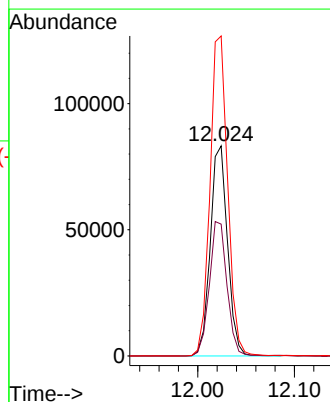
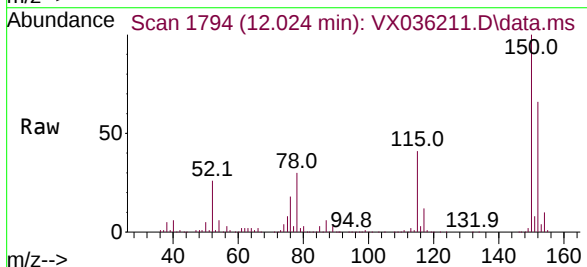
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

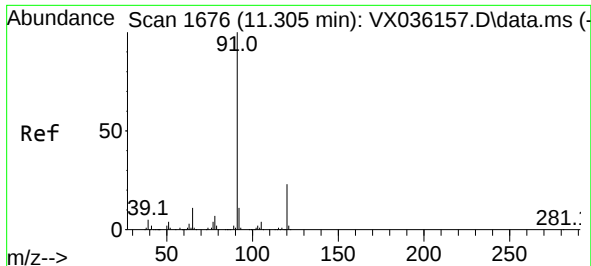
Tgt Ion:106 Resp: 2207
Ion Ratio Lower Upper
106 100
91 220.5 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

Tgt Ion:152 Resp: 103319
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 156.0 0.0 345.0

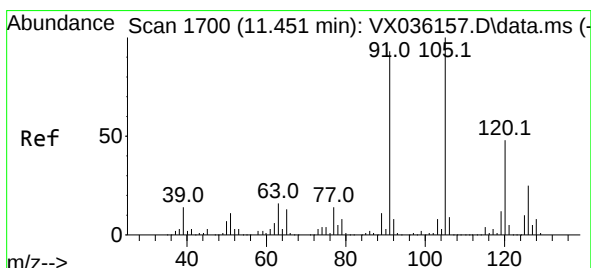
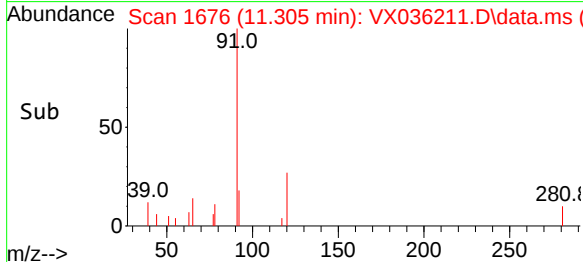
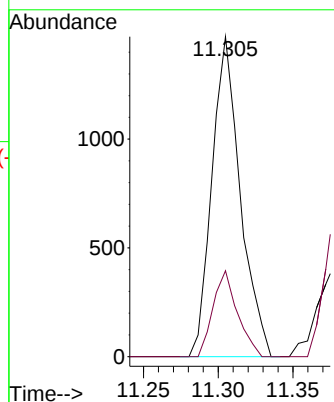
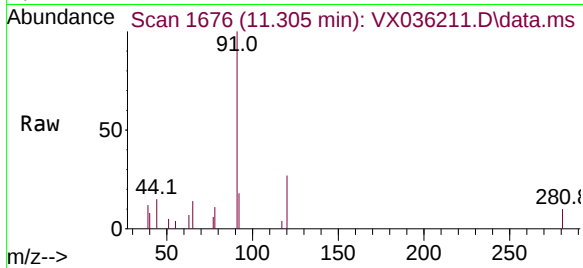




#78
n-propylbenzene
Concen: 0.215 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

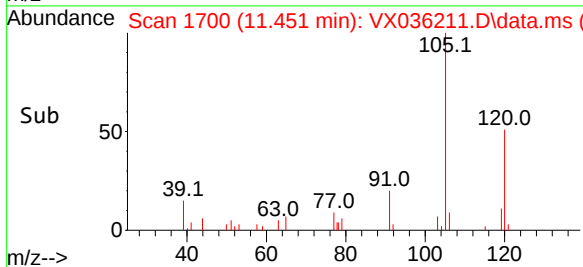
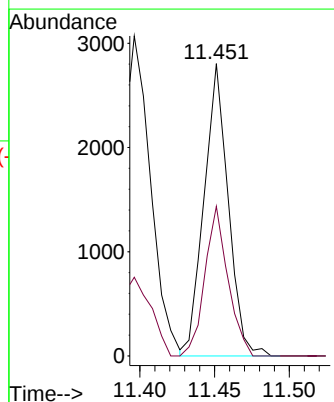
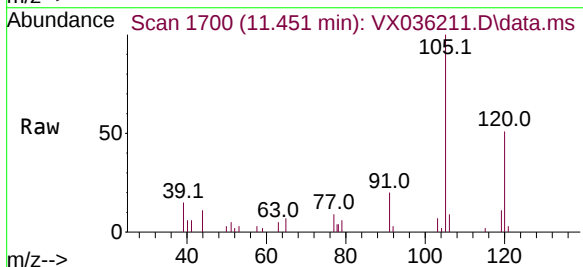
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

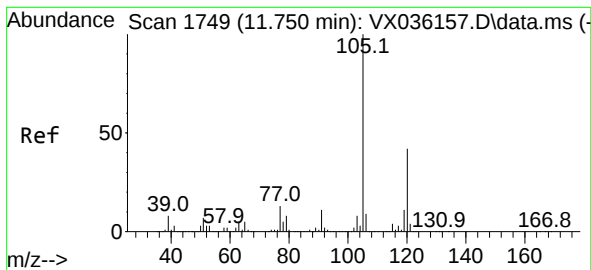
Tgt Ion: 91 Resp: 1937
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 0.484 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036211.D
Acq: 19 Jun 2023 17:14

Tgt Ion: 105 Resp: 3158
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 1.325 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036211.D

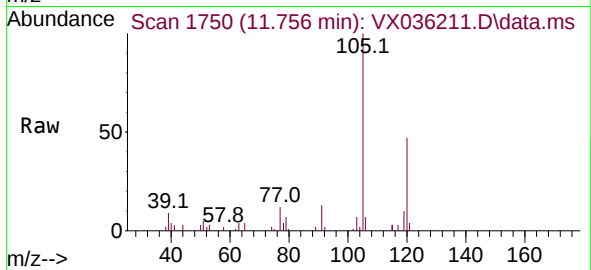
Acq: 19 Jun 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

MW-4B



Tgt Ion:105 Resp: 8626

Ion Ratio Lower Upper

105 100

120 45.2 21.2 63.6

