

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032277.D
 Acq On : 20 Oct 2022 20:43
 Operator : JC/MD
 Sample : N5185-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

Quant Time: Oct 21 02:18:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

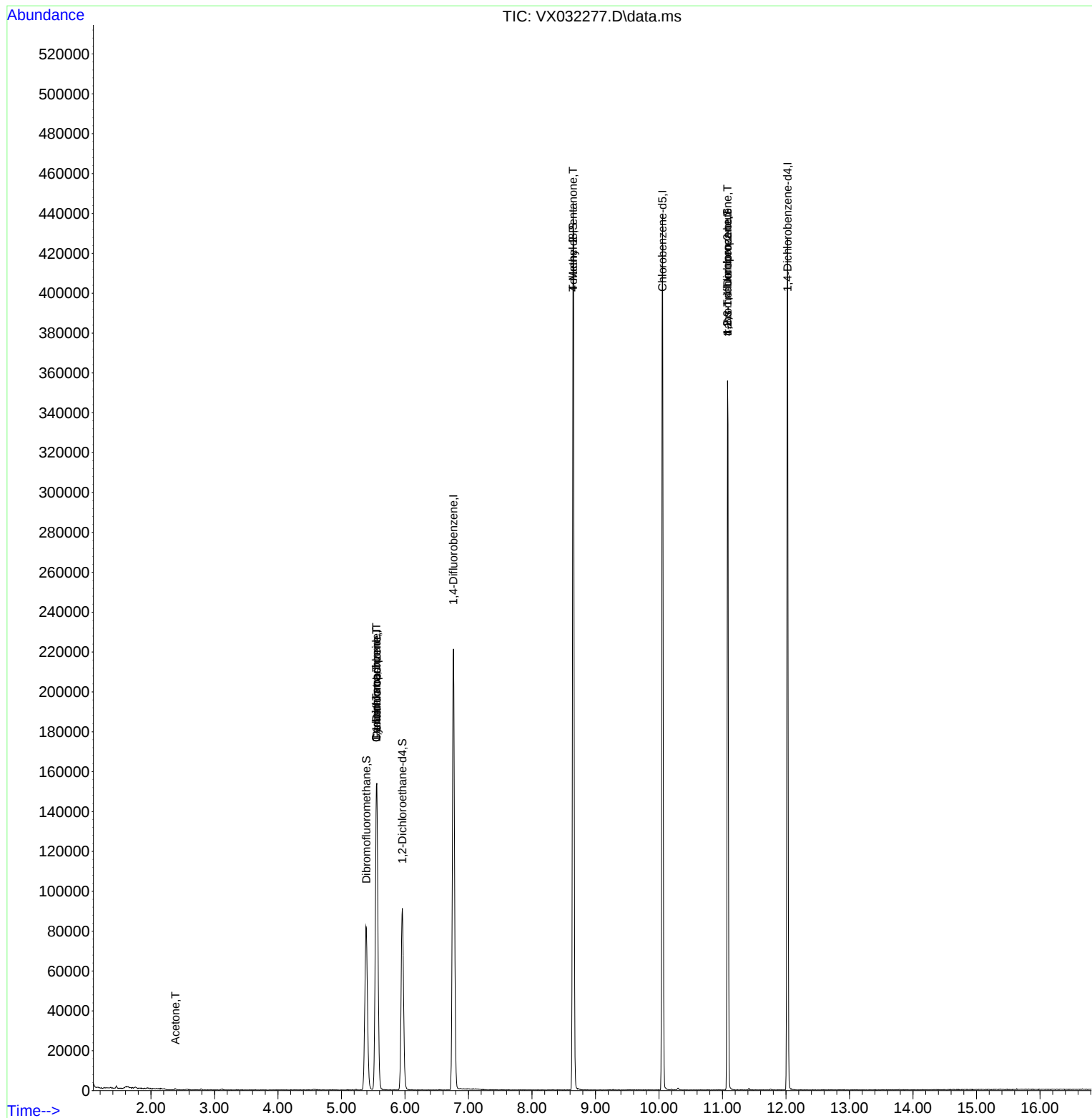
Internal Standards						
1) Pentafluorobenzene	5.556	168	144564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91658	48.738	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.480%
35) Dibromofluoromethane	5.391	113	70469	45.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.760%
50) Toluene-d8	8.647	98	264222	47.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.540%
62) 4-Bromofluorobenzene	11.079	95	91300	44.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.289	50	90	Below Cal	#	44
11) Tert butyl alcohol	2.941	59	76	Below Cal	#	74
16) Acetone	2.386	43	824	1.350	ug/l	89
31) Cyclohexane	5.550	56	3312	1.541	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	11265	5.640	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15146	7.183	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1351	0.702	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49296	29.184	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	49296	89.384	ug/l #	6

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

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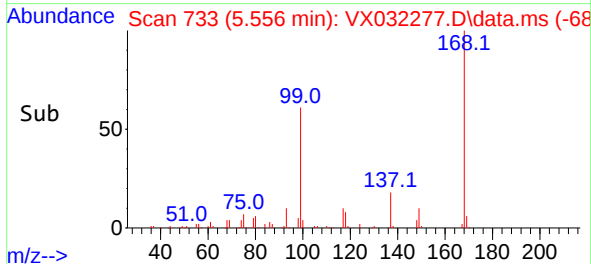
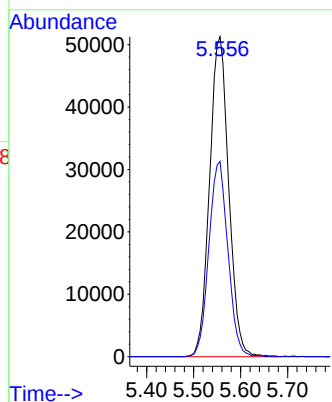
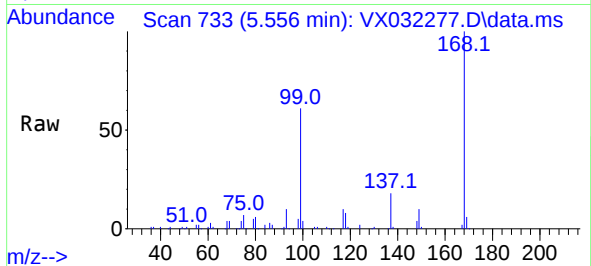




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

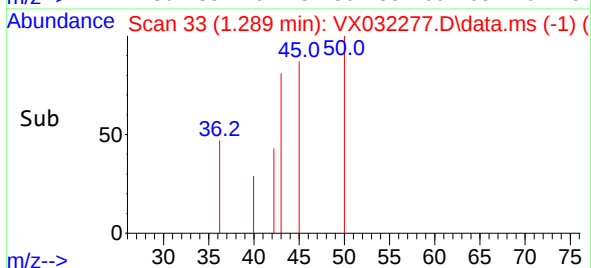
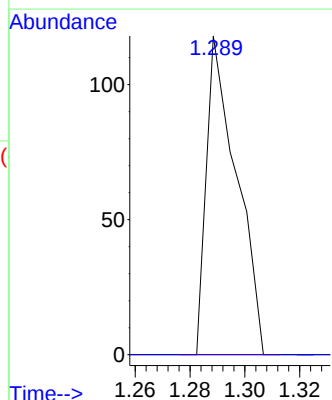
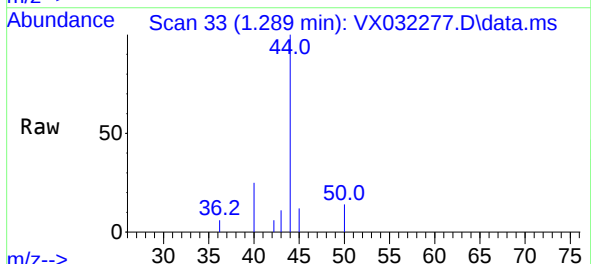
Instrument :
MSVOA_X
ClientSampleId :
MW-05

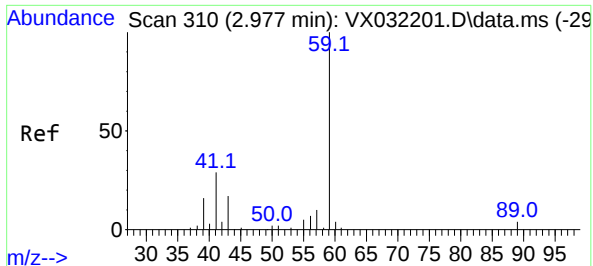
Tgt Ion:168 Resp: 144564
Ion Ratio Lower Upper
168 100
99 61.0 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.289 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

Tgt Ion: 50 Resp: 90
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 30

Delta R.T. -0.036 min

Lab File: VX032277.D

Acq: 20 Oct 2022 20:43

Instrument :

MSVOA_X

ClientSampleId :

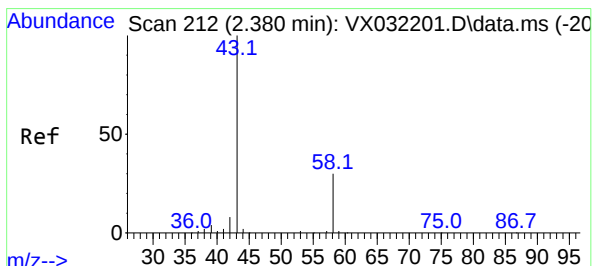
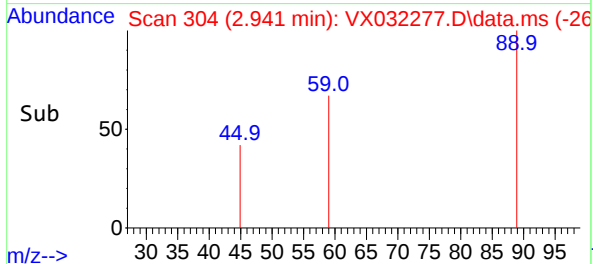
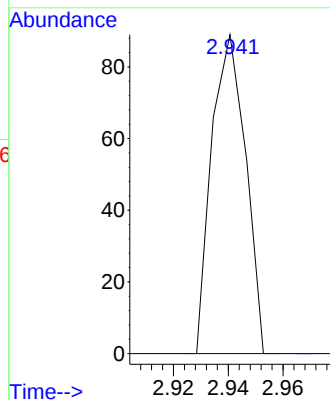
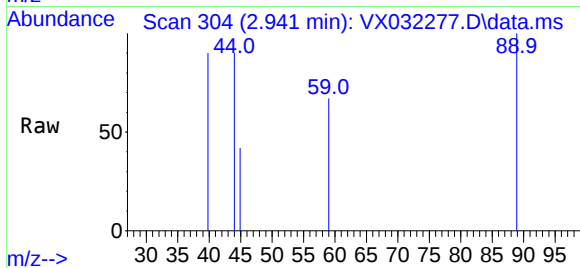
MW-05

Tgt Ion: 59 Resp: 76

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#16

Acetone

Concen: 1.350 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032277.D

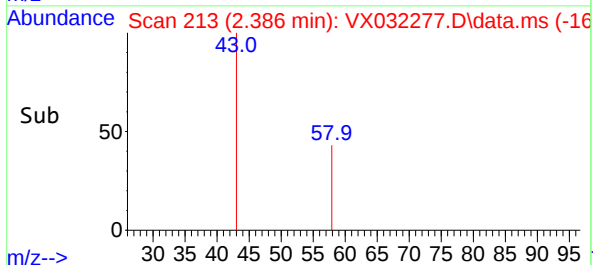
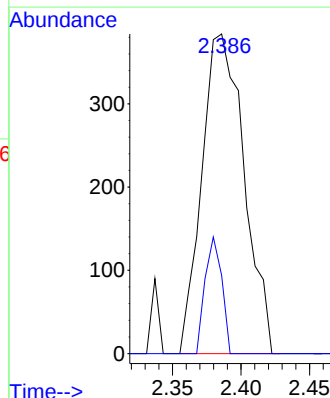
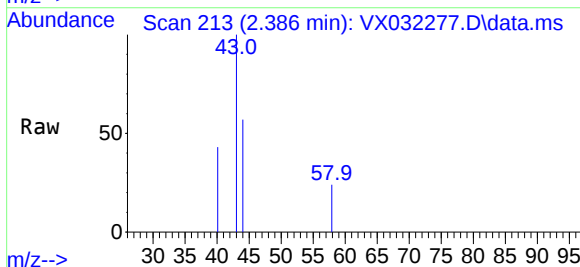
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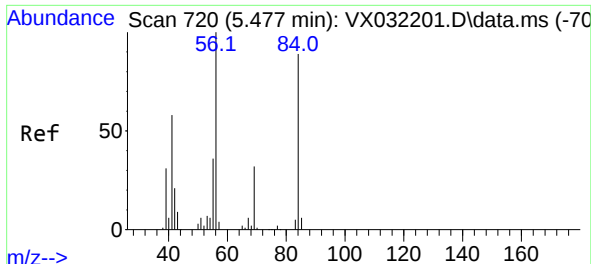
Tgt Ion: 43 Resp: 824

Ion Ratio Lower Upper

43 100

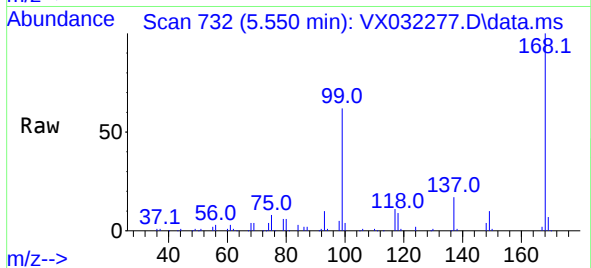
58 24.5 24.2 36.2



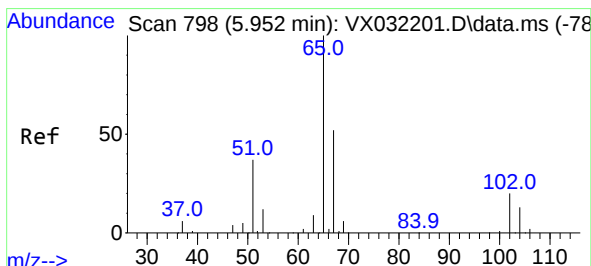
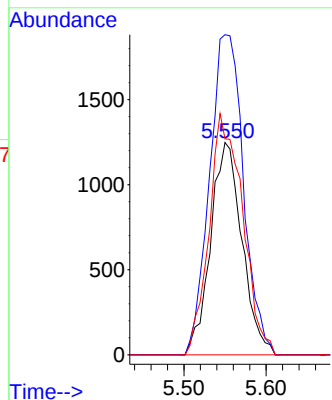
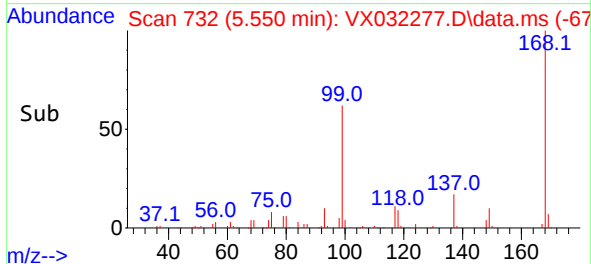


#31
Cyclohexane
Concen: 1.541 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

Instrument :
MSVOA_X
ClientSampleId :
MW-05

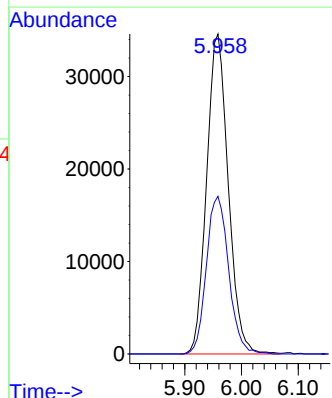
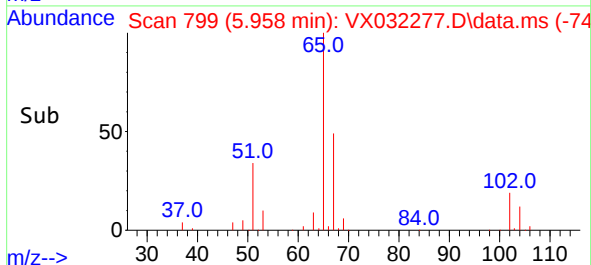
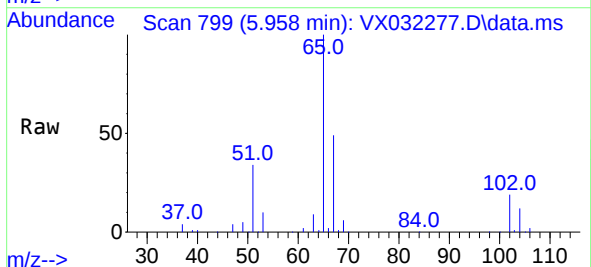


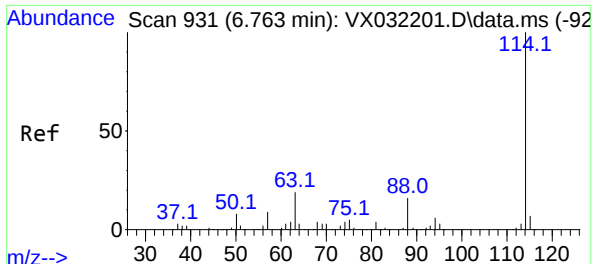
Tgt Ion: 56 Resp: 3312
Ion Ratio Lower Upper
56 100
69 150.8 25.4 38.0#
84 101.8 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 48.738 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

Tgt Ion: 65 Resp: 91658
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.6

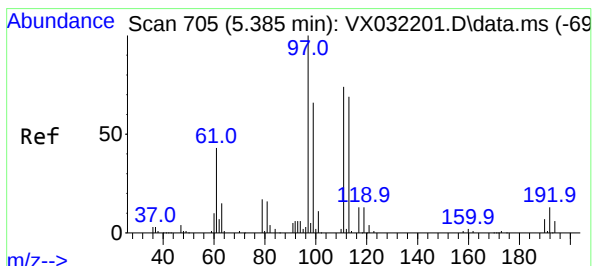
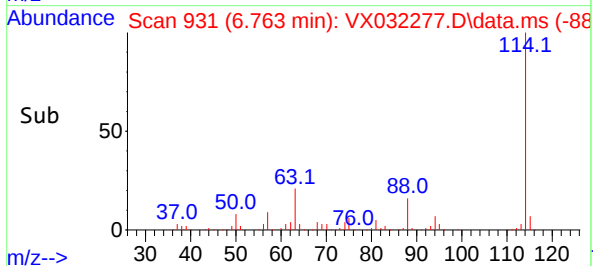
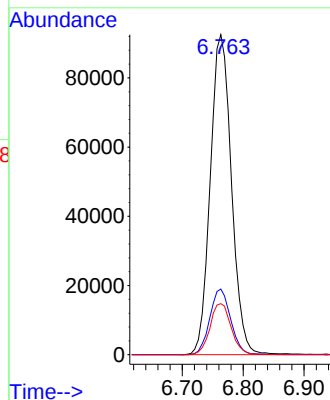
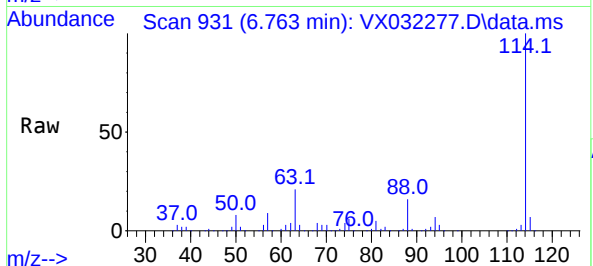




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

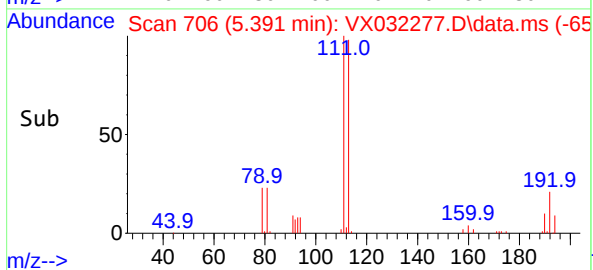
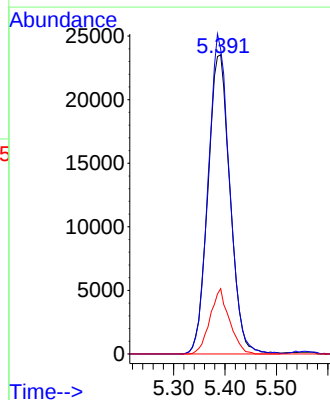
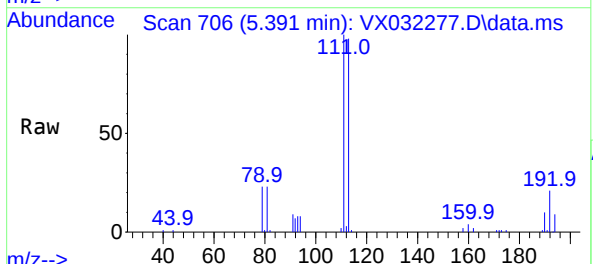
Instrument :
MSVOA_X
ClientSampleId :
MW-05

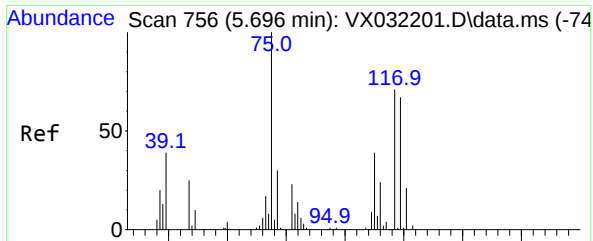
Tgt Ion:114 Resp: 223141
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.383 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

Tgt Ion:113 Resp: 70469
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 19.1 15.5 23.3

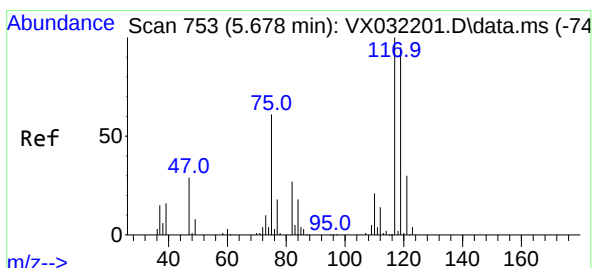
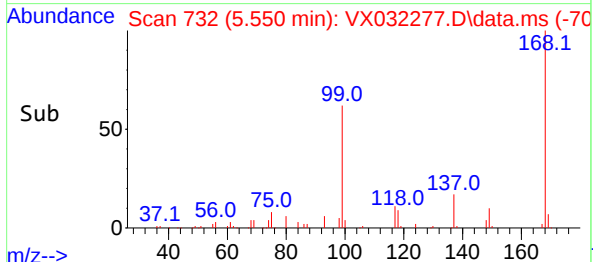
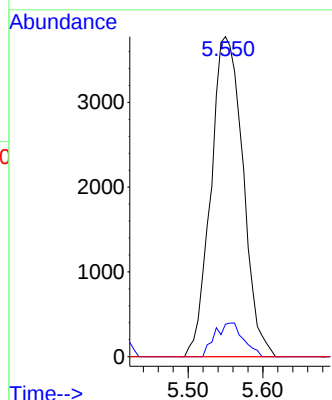
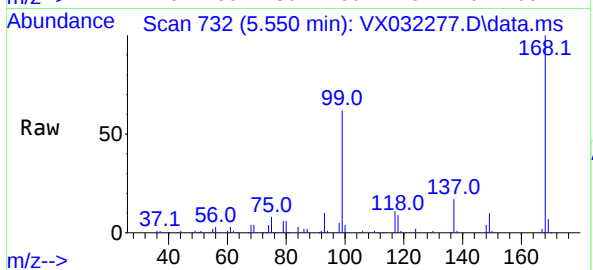




#36
1,1-Dichloropropene
Concen: 5.640 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

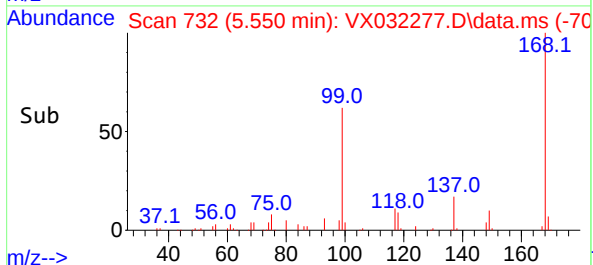
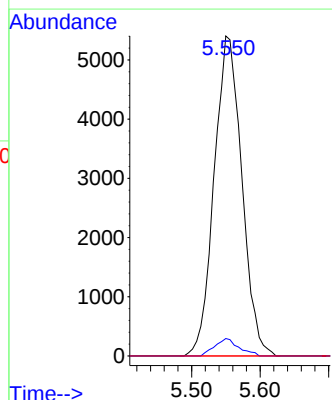
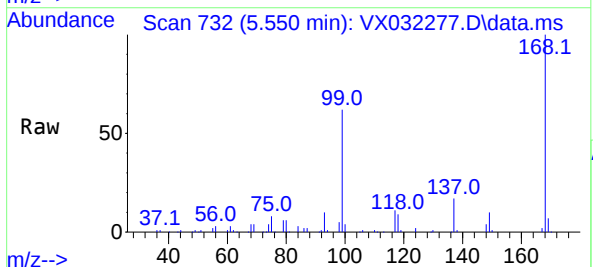
Instrument :
MSVOA_X
ClientSampleId :
MW-05

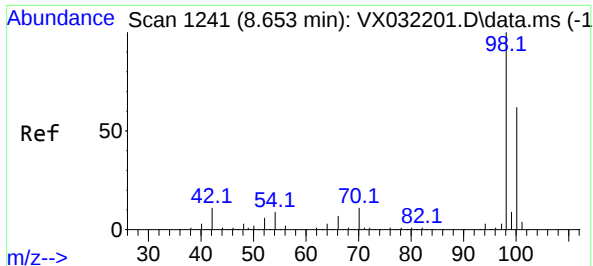
Tgt Ion: 75 Resp: 11265
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.183 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

Tgt Ion: 117 Resp: 15146
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.0#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 47.271 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032277.D

Acq: 20 Oct 2022 20:43

Instrument :

MSVOA_X

ClientSampleId :

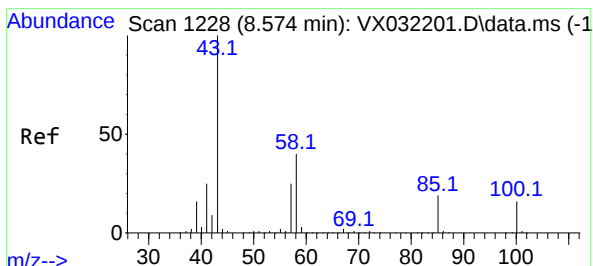
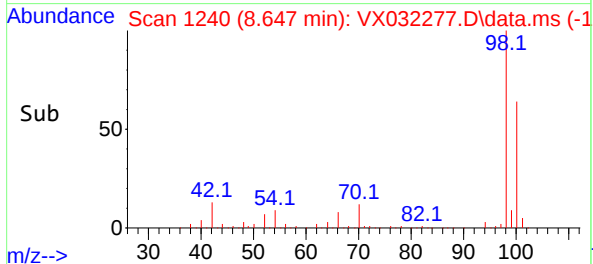
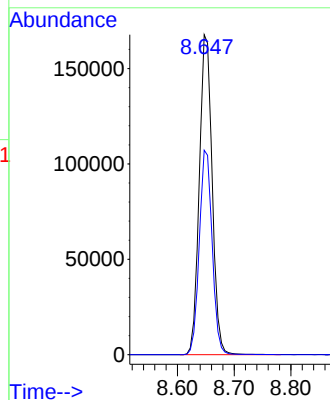
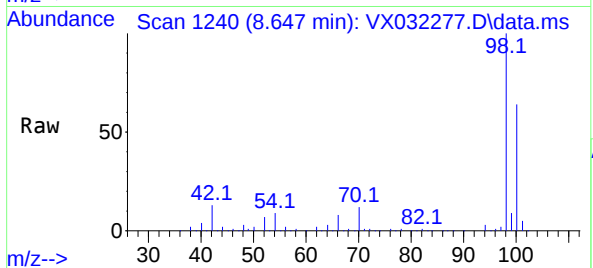
MW-05

Tgt Ion: 98 Resp: 264222

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.702 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032277.D

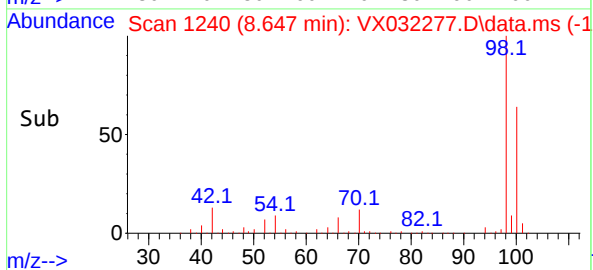
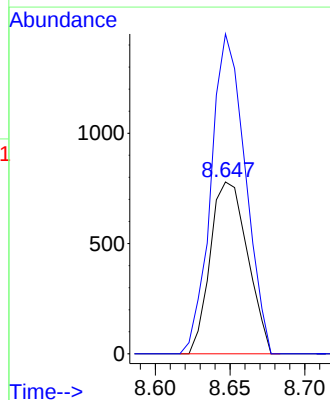
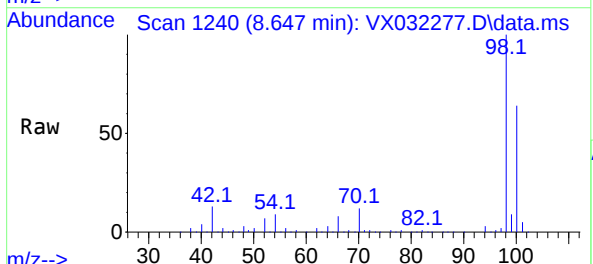
Acq: 20 Oct 2022 20:43

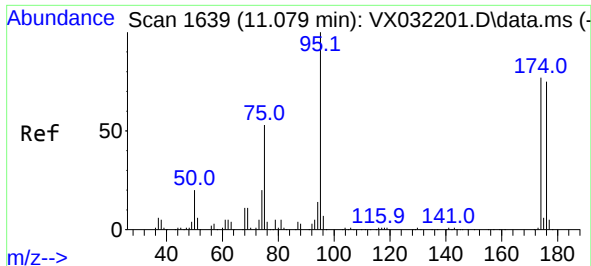
Tgt Ion: 43 Resp: 1351

Ion Ratio Lower Upper

43 100

58 171.4 31.0 46.4#

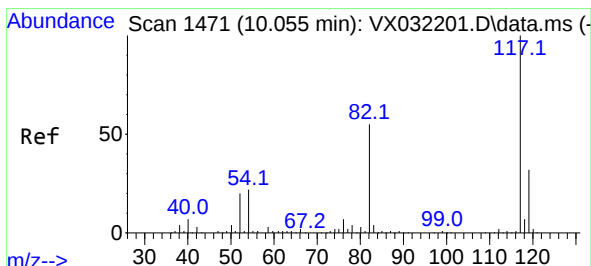
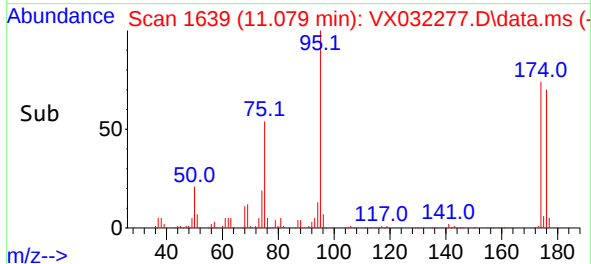
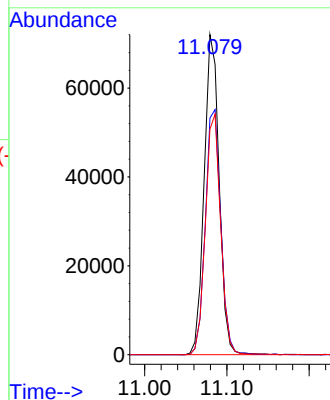
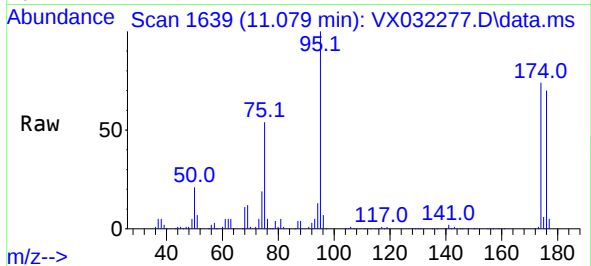




#62
4-Bromofluorobenzene
Concen: 44.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

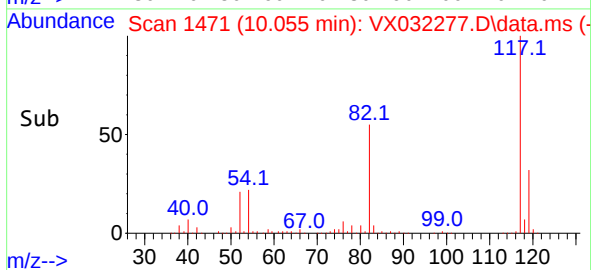
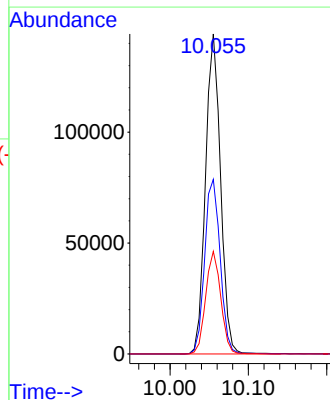
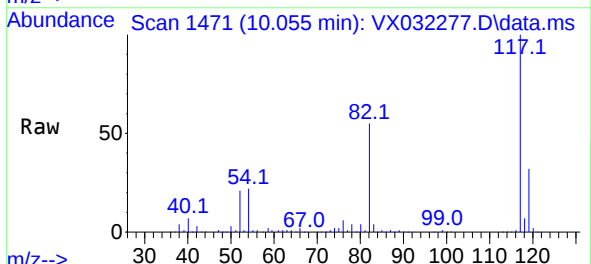
Instrument :
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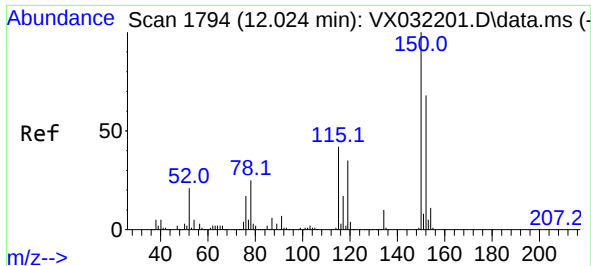
Tgt Ion: 95 Resp: 91300
Ion Ratio Lower Upper
95 100
174 78.7 0.0 166.8
176 76.4 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

Tgt Ion: 117 Resp: 191963
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.4
119 32.1 25.8 38.8

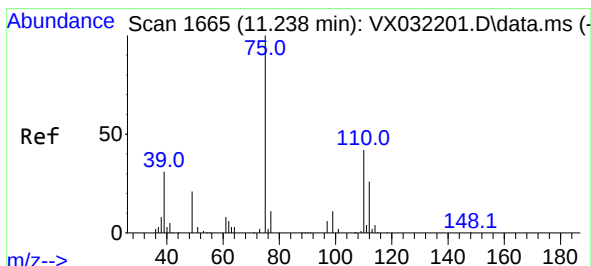
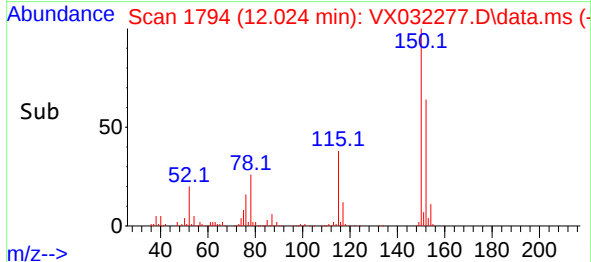
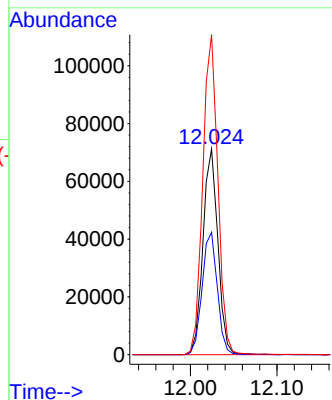
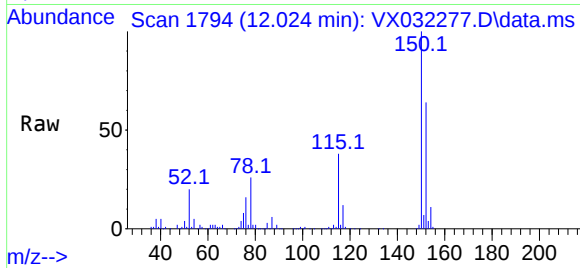




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

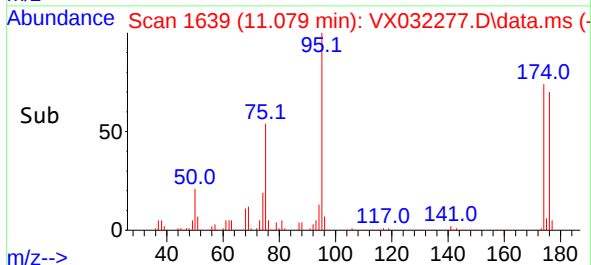
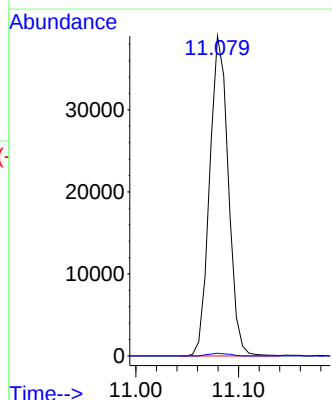
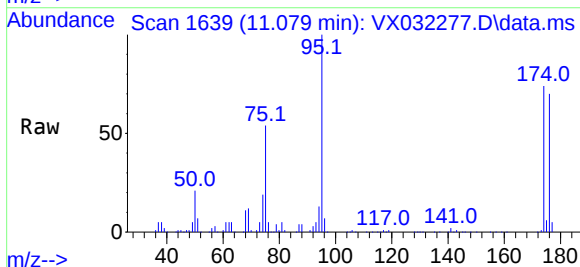
Instrument :
MSVOA_X
ClientSampleId :
MW-05

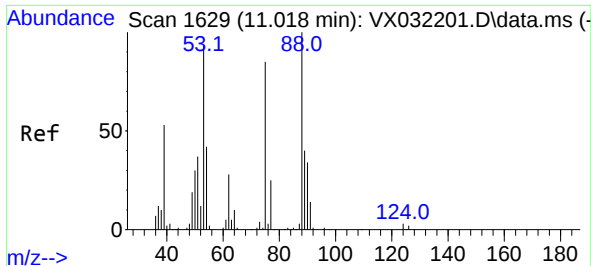
Tgt Ion:152 Resp: 85249
Ion Ratio Lower Upper
152 100
115 60.9 43.1 129.4
150 157.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032277.D
Acq: 20 Oct 2022 20:43

Tgt Ion: 75 Resp: 49296
Ion Ratio Lower Upper
75 100
77 0.9 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.384 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032277.D
 Acq: 20 Oct 2022 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

Tgt Ion: 75 Resp: 49296
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

