

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033190.D
 Acq On : 02 Dec 2022 16:57
 Operator : JC/MD
 Sample : N5830-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP1-1201

Quant Time: Dec 03 04:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

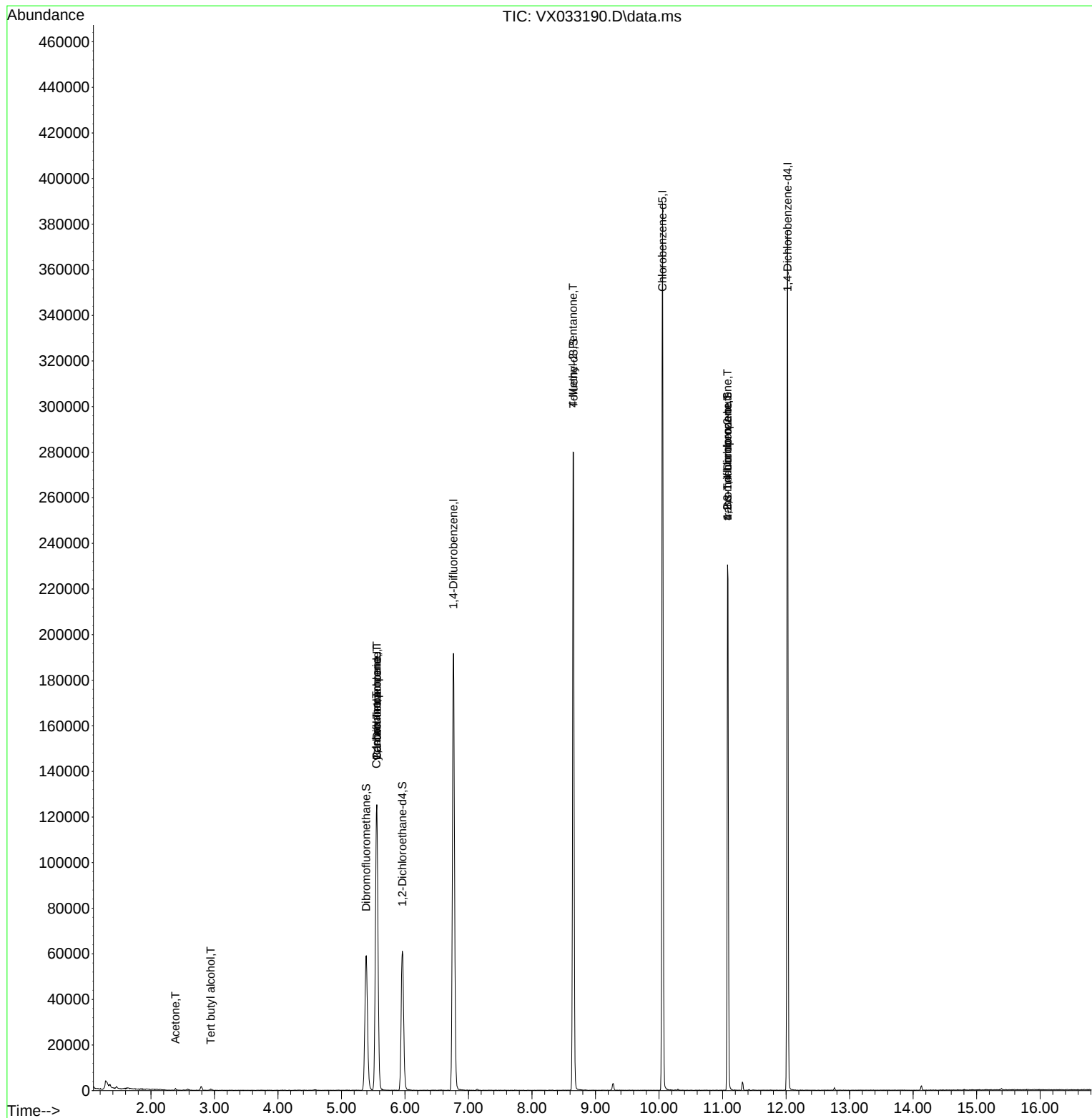
Internal Standards						
1) Pentafluorobenzene	5.556	168	117962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63621	55.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.080%
35) Dibromofluoromethane	5.385	113	51756	46.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	8.653	98	168186	50.591	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.180%
62) 4-Bromofluorobenzene	11.079	95	60682	41.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	364	1.999	ug/l #	72
16) Acetone	2.386	43	887	1.653	ug/l #	88
20) Methylene Chloride	2.788	84	911	Below Cal	#	82
31) Cyclohexane	5.550	56	2648	1.423	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	9146	5.174	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11870	6.053	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	683	0.434	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33109	22.842	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33109	74.246	ug/l #	6

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

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COMP1-1201

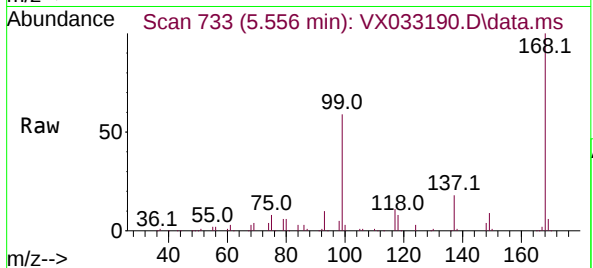
Quant Time: Dec 03 04:34:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration



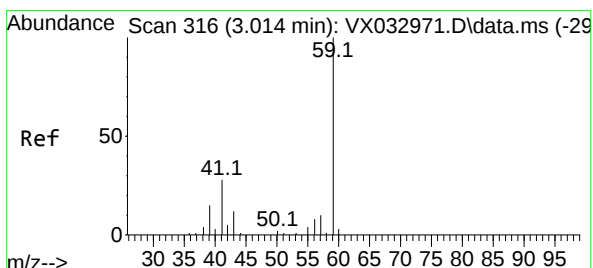
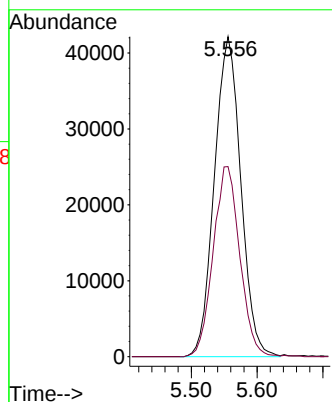
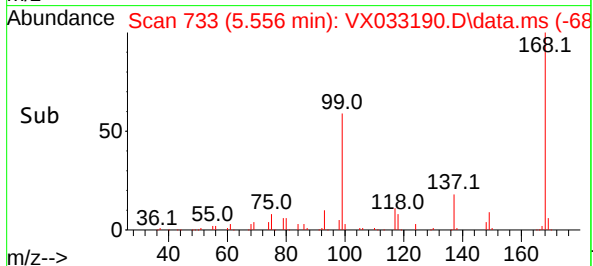


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
COMP1-1201

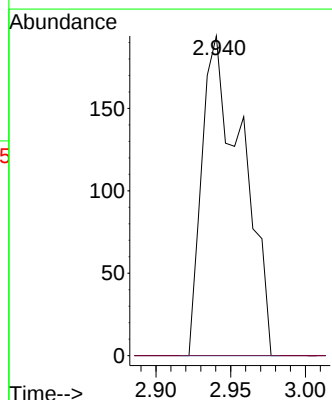
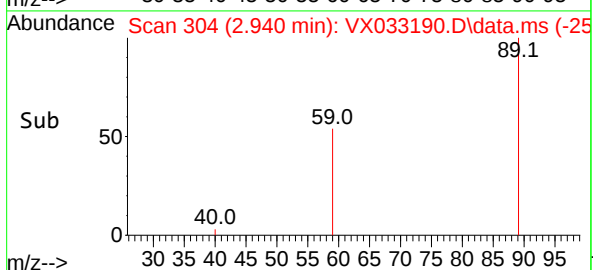
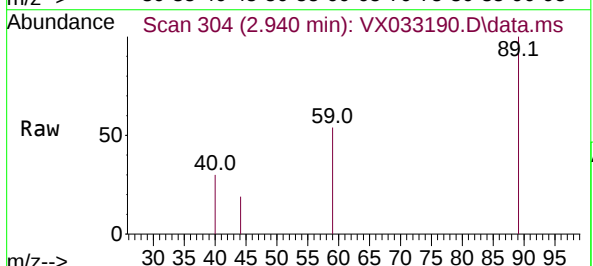


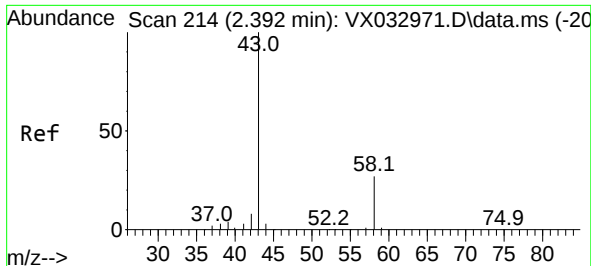
Tgt Ion:168 Resp: 117962
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.999 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

Tgt Ion: 59 Resp: 364
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.653 ug/l

RT: 2.386 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX033190.D

Acq: 02 Dec 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

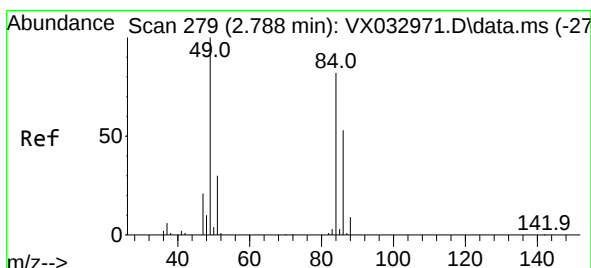
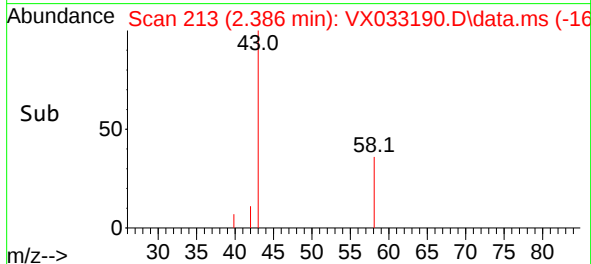
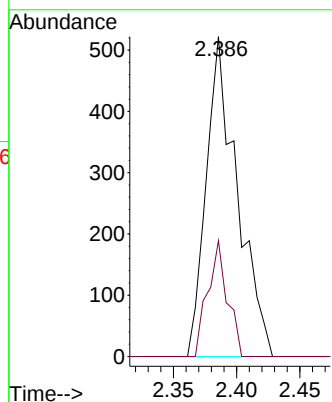
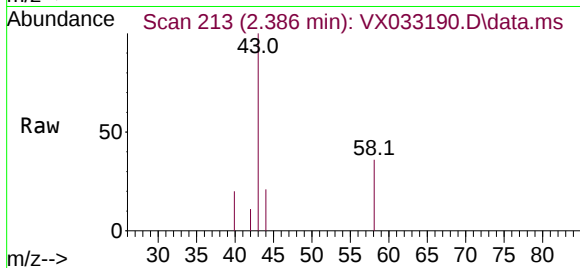
COMP1-1201

Tgt Ion: 43 Resp: 887

Ion Ratio Lower Upper

43 100

58 36.2 23.8 35.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX033190.D

Acq: 02 Dec 2022 16:57

Tgt Ion: 84 Resp: 911

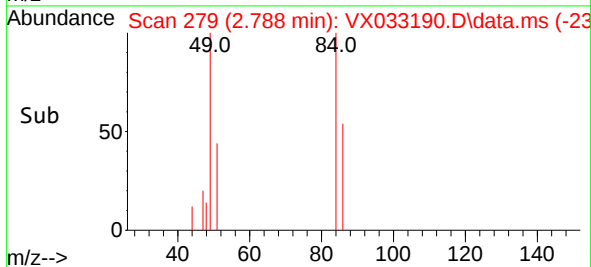
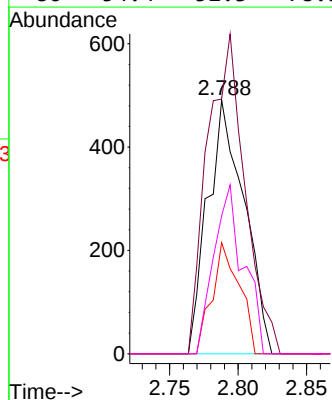
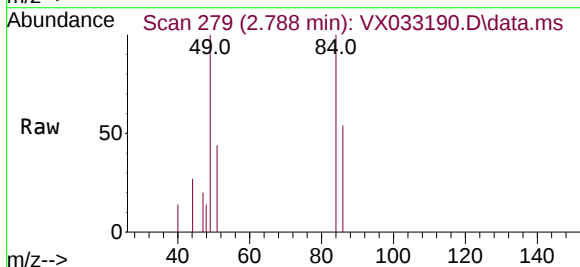
Ion Ratio Lower Upper

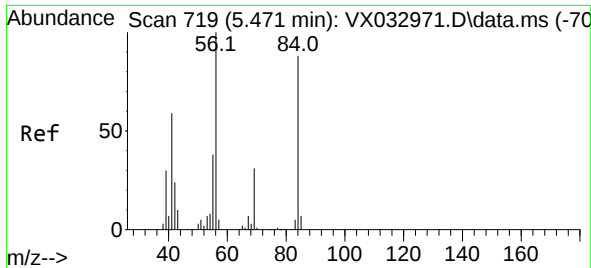
84 100

49 100.4 101.0 151.6#

51 43.8 31.1 46.7

86 54.4 52.3 78.5

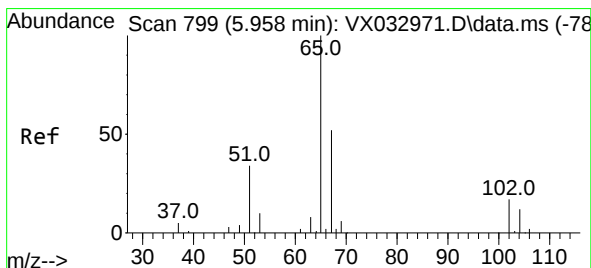
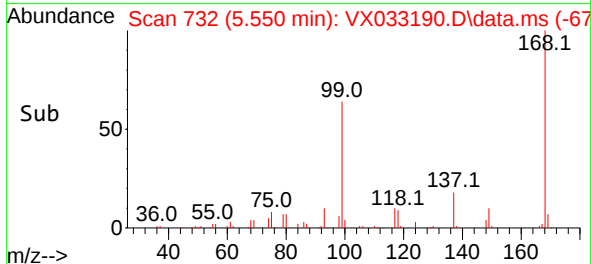
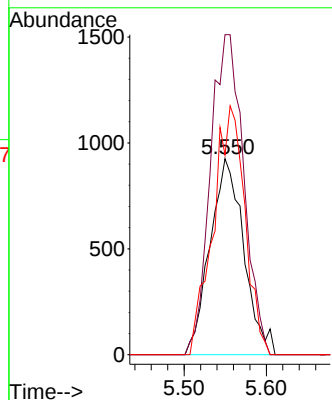
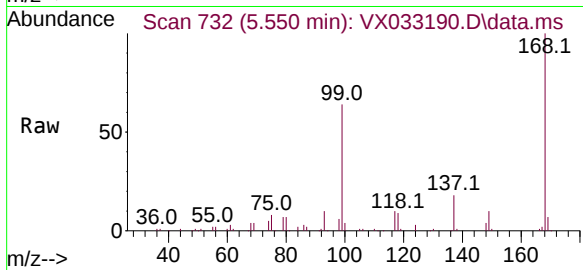




#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

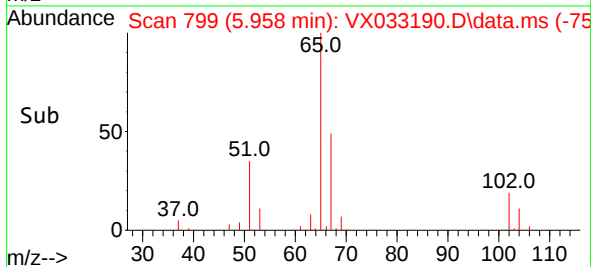
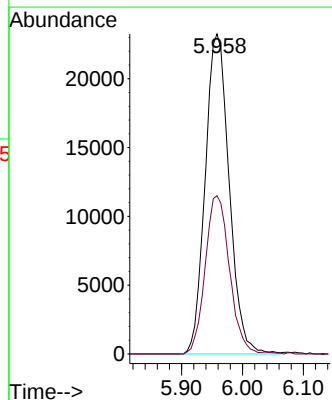
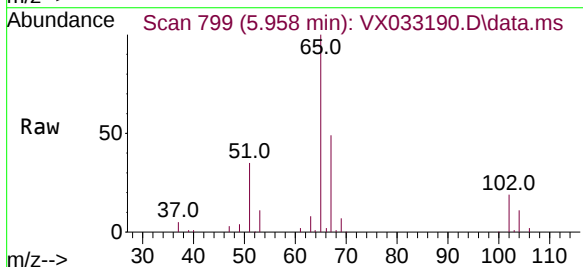
Instrument :
MSVOA_X
ClientSampleId :
COMP1-1201

Tgt Ion: 56 Resp: 2648
Ion Ratio Lower Upper
56 100
69 163.2 24.1 36.1#
84 101.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 55.542 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

Tgt Ion: 65 Resp: 63621
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

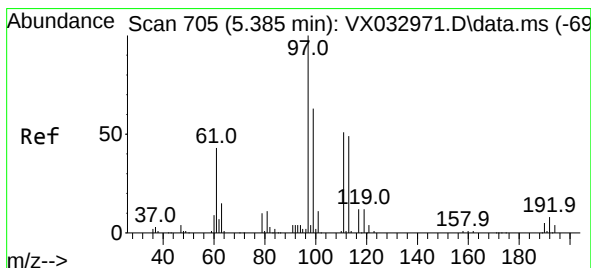
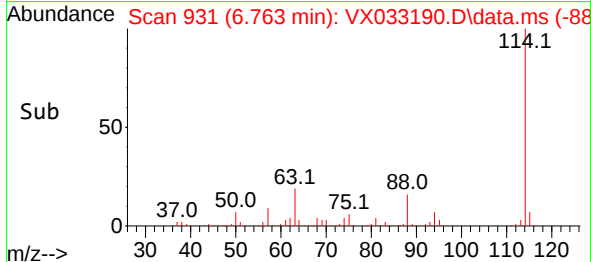
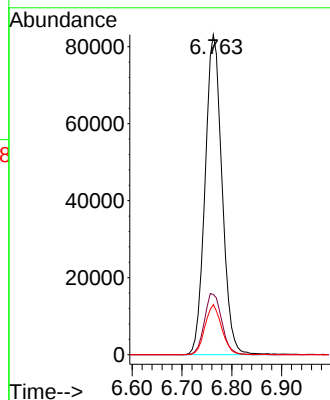
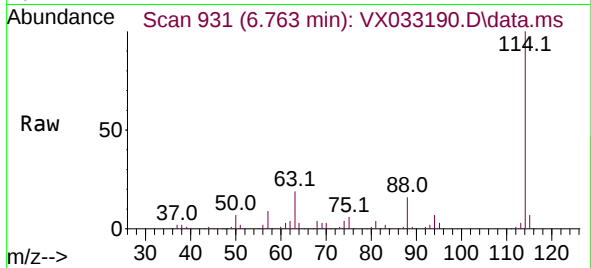




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

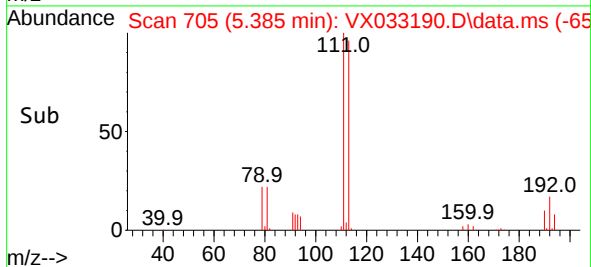
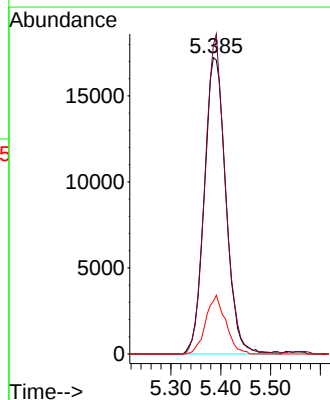
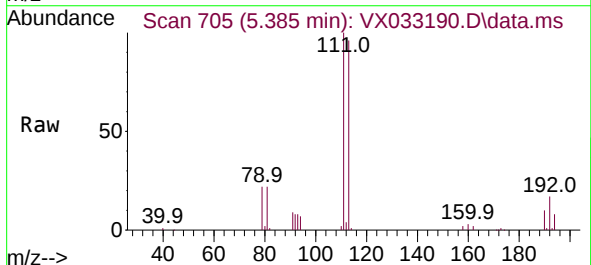
Instrument :
MSVOA_X
ClientSampleId :
COMP1-1201

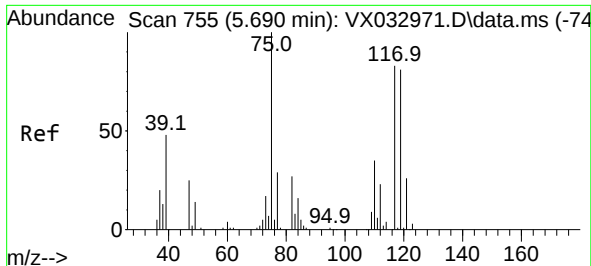
Tgt Ion:114 Resp: 196086
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

Tgt Ion:113 Resp: 51756
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 18.3 15.4 23.2

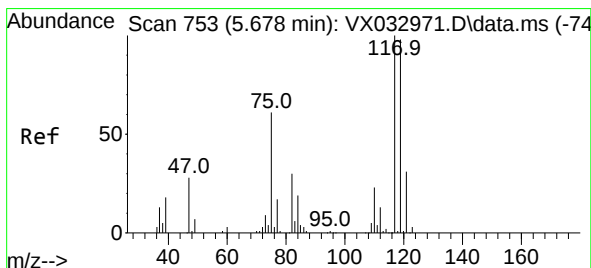
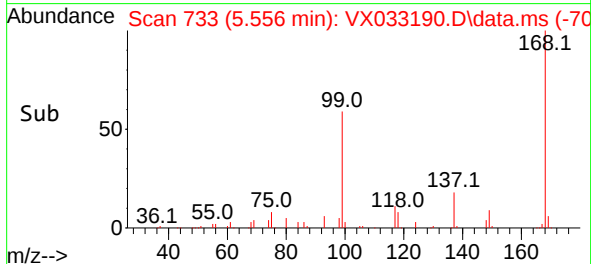
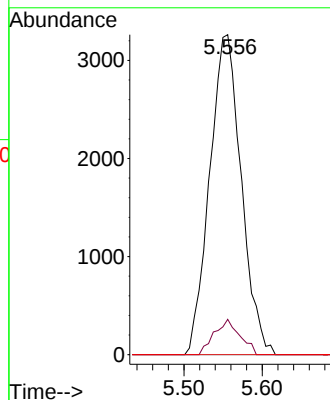
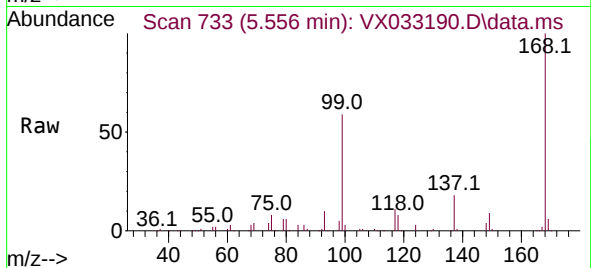




#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

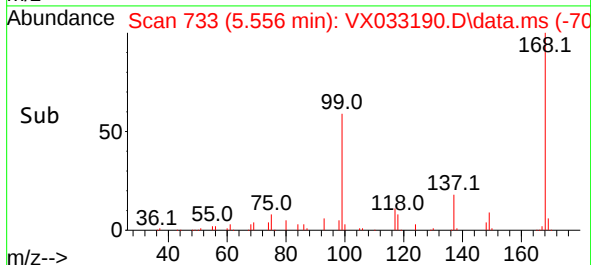
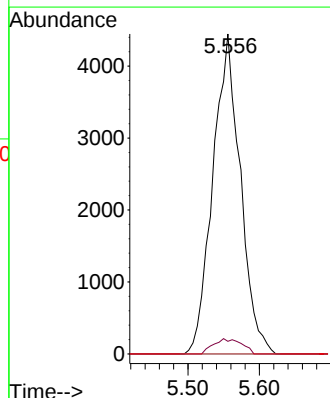
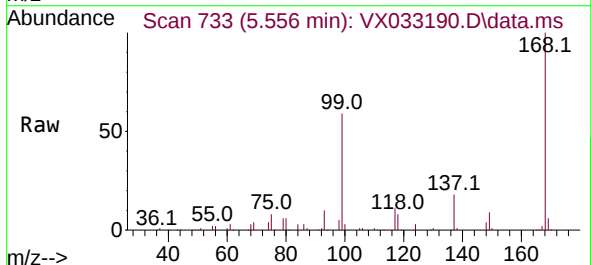
Instrument :
MSVOA_X
ClientSampleId :
COMP1-1201

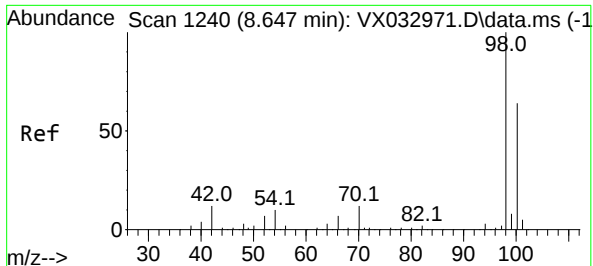
Tgt Ion: 75 Resp: 9146
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

Tgt Ion: 117 Resp: 11870
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#

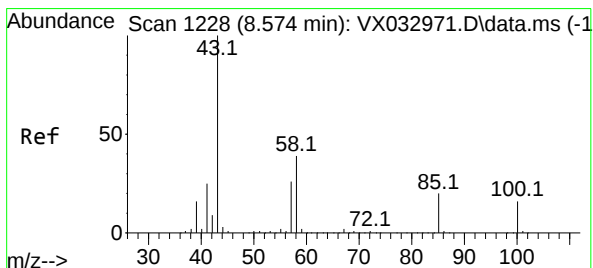
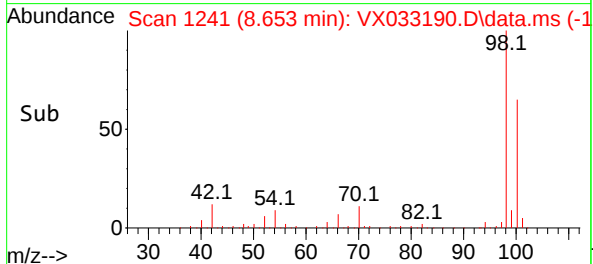
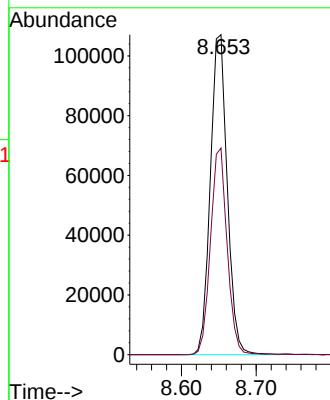
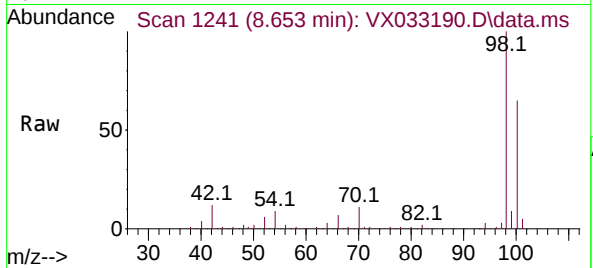




#50
Toluene-d8
Concen: 50.591 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

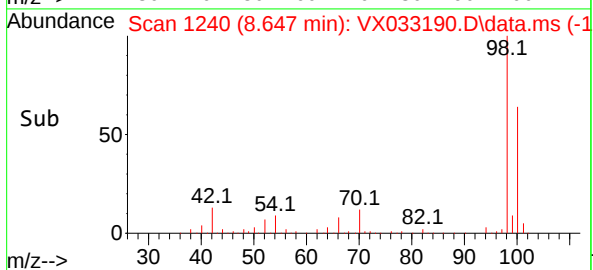
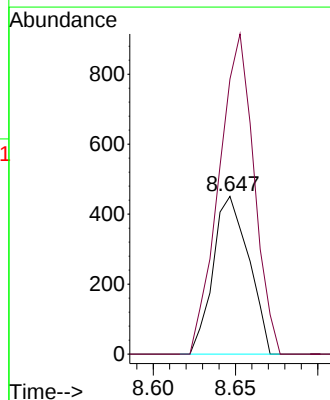
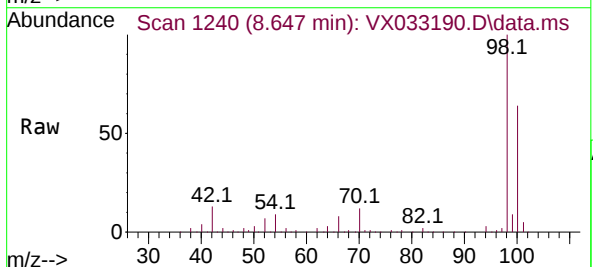
Instrument :
MSVOA_X
ClientSampleId :
COMP1-1201

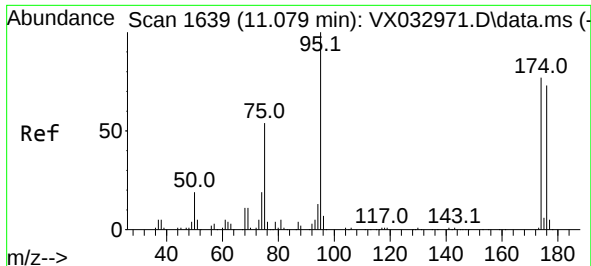
Tgt Ion: 98 Resp: 168186
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 198.8 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 41.788 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033190.D

Acq: 02 Dec 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

COMP1-1201

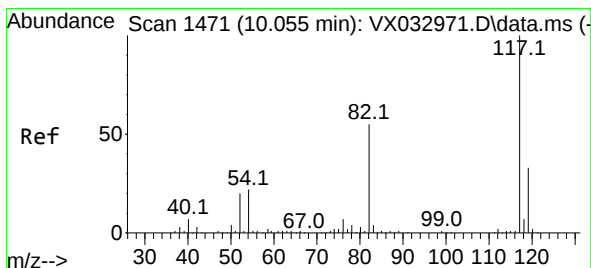
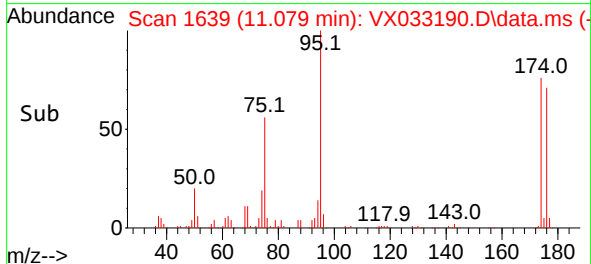
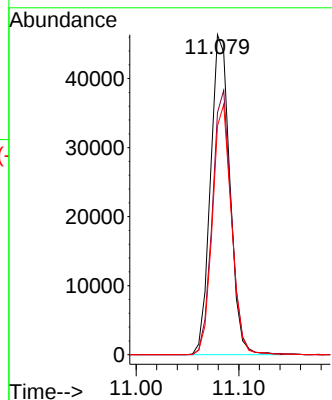
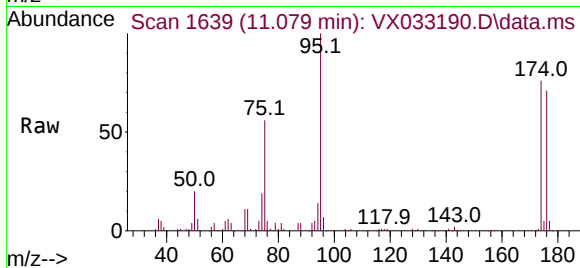
Tgt Ion: 95 Resp: 60682

Ion Ratio Lower Upper

95 100

174 81.4 0.0 164.0

176 77.0 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033190.D

Acq: 02 Dec 2022 16:57

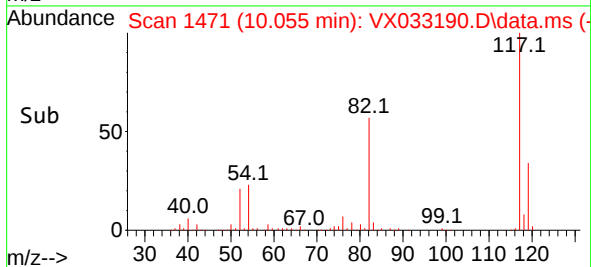
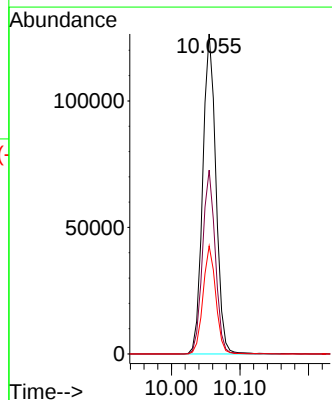
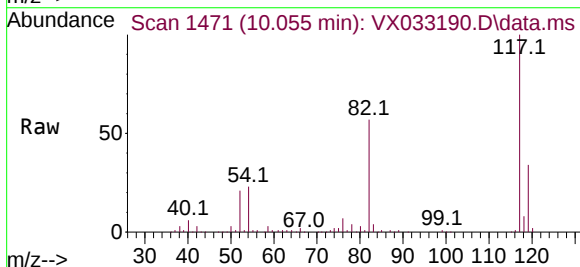
Tgt Ion: 117 Resp: 169688

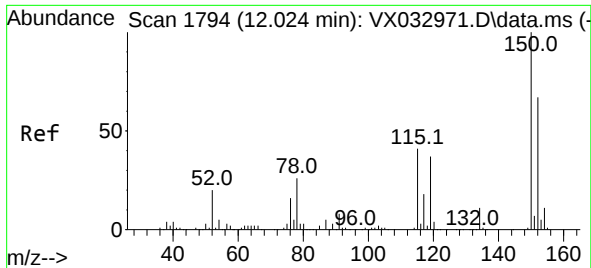
Ion Ratio Lower Upper

117 100

82 57.5 44.3 66.5

119 33.7 25.7 38.5

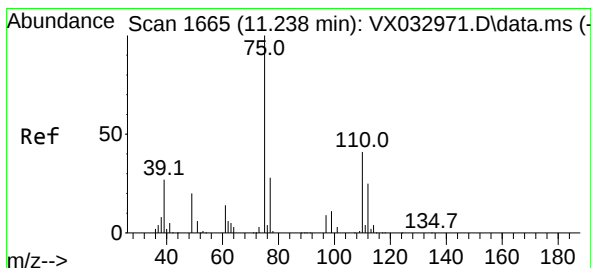
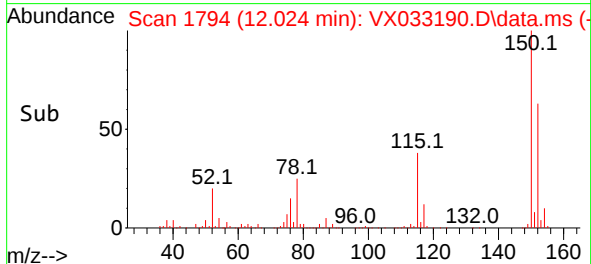
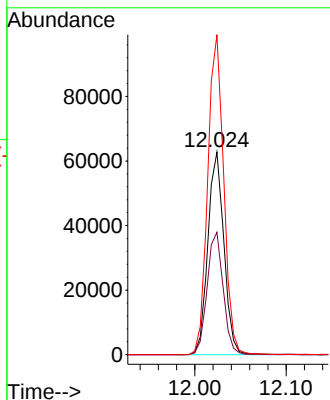
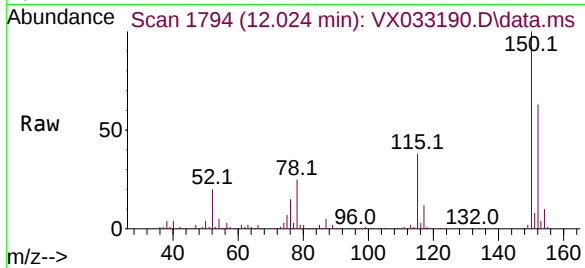




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

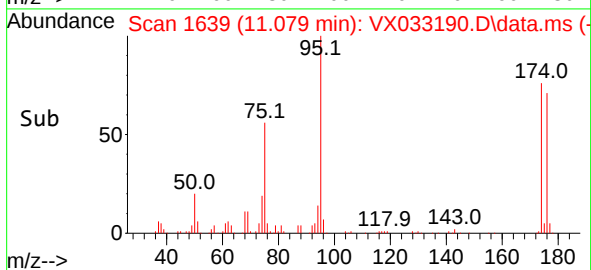
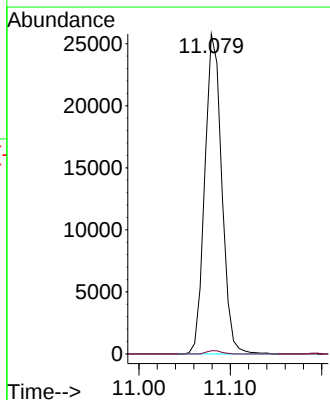
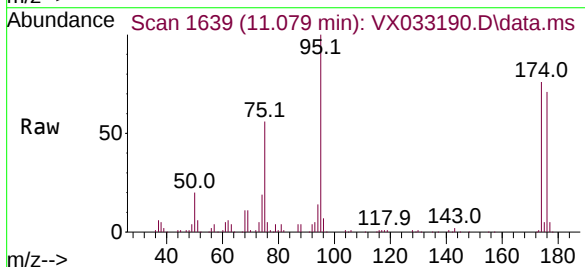
Instrument :
MSVOA_X
ClientSampleId :
COMP1-1201

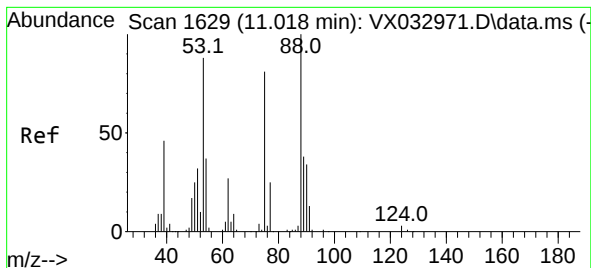
Tgt Ion:152 Resp: 76538
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 157.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.842 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033190.D
Acq: 02 Dec 2022 16:57

Tgt Ion: 75 Resp: 33109
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.246 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033190.D
 Acq: 02 Dec 2022 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP1-1201

Tgt Ion: 75 Resp: 33109
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

