

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014907.D
 Acq On : 28 Jul 2023 14:31
 Operator : SY/MD
 Sample : 03686-16
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28-0-2-20230721

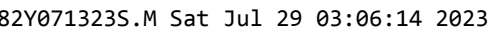
Quant Time: Jul 29 03:06:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

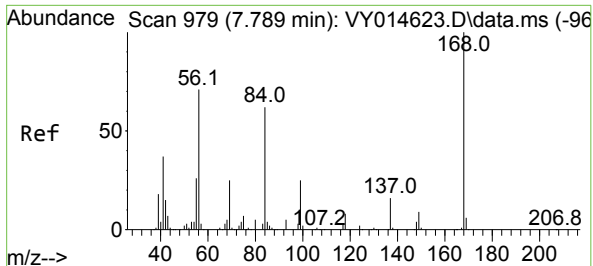
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	136197	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	235291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	226531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88377	56.943	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.880%			
35) Dibromofluoromethane	7.710	113	74522	49.754	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.500%			
50) Toluene-d8	10.173	98	281122	50.909	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.477	95	102641	48.475	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.960%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	223	2.509	ug/l #	38
11) Tert butyl alcohol	4.918	59	3191	Below Cal	#	91
16) Acetone	3.942	43	5728	11.647	ug/l	94
20) Methylene Chloride	4.704	84	25448	12.785	ug/l	91
25) 2-Butanone	6.972	43	6196	8.611	ug/l #	72
26) 2,2-Dichloropropane	6.966	77	7837	2.968	ug/l #	54
31) Cyclohexane	7.783	56	3075	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	10690	4.772	ug/l #	50
37) Ethyl Acetate	6.972	43	6196	4.018	ug/l #	1
38) Carbon Tetrachloride	7.777	117	14016	5.919	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	56146	41.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56146	80.155	ug/l #	11

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

Quant Time: Jul 29 03:06:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

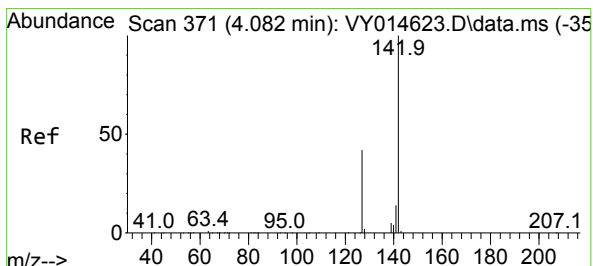
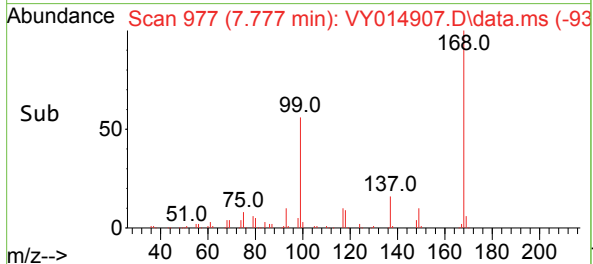
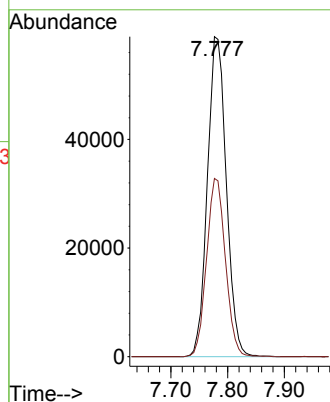
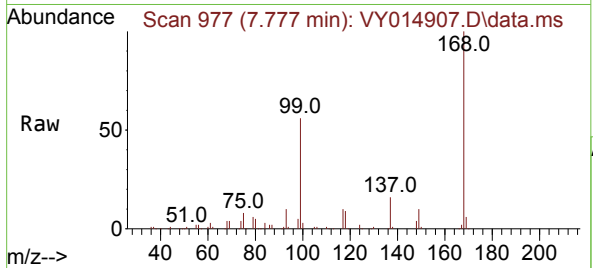




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

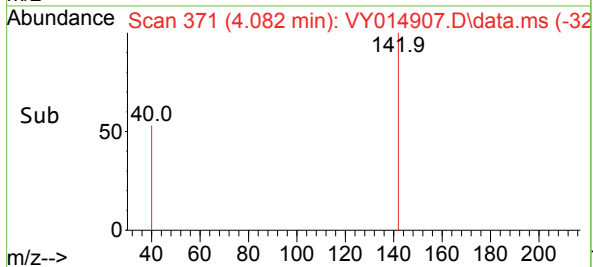
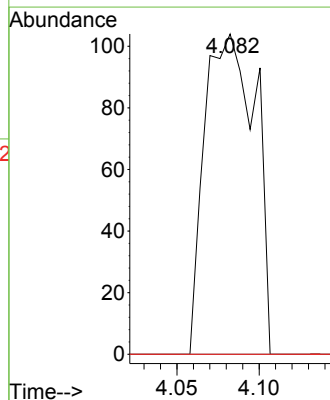
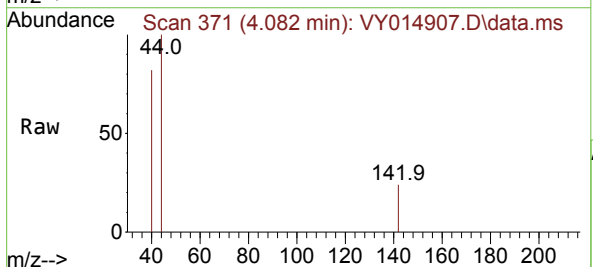
Instrument :
MSVOA_Y
ClientSampleId :
SB-28-0-2-20230721

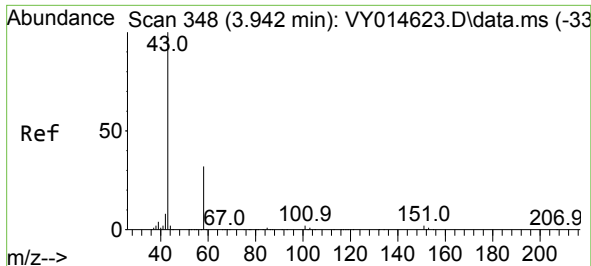
Tgt Ion:168 Resp: 136197
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#10
Methyl Iodide
Concen: 2.509 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

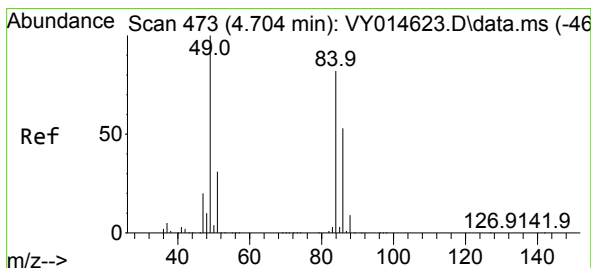
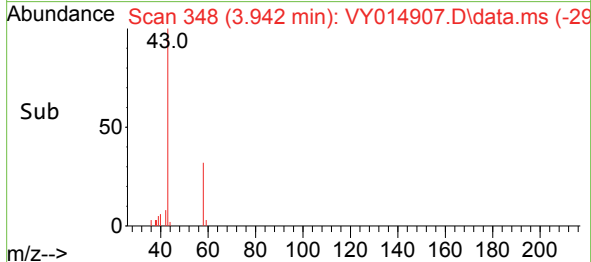
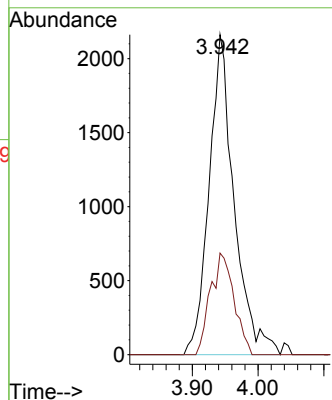
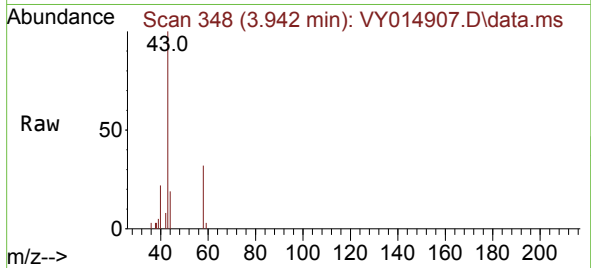




#16
Acetone
Concen: 11.647 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

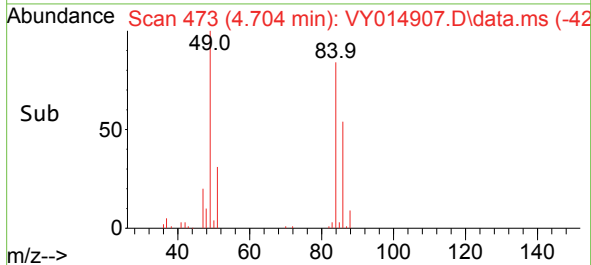
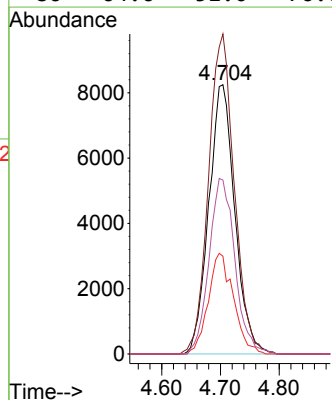
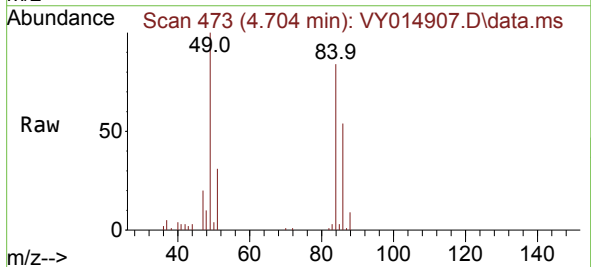
Instrument :
MSVOA_Y
ClientSampleId :
SB-28-0-2-20230721

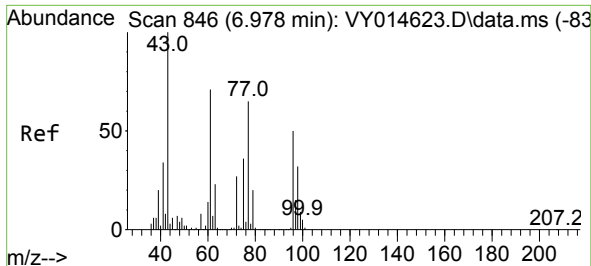
Tgt Ion: 43 Resp: 5728
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1



#20
Methylene Chloride
Concen: 12.785 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

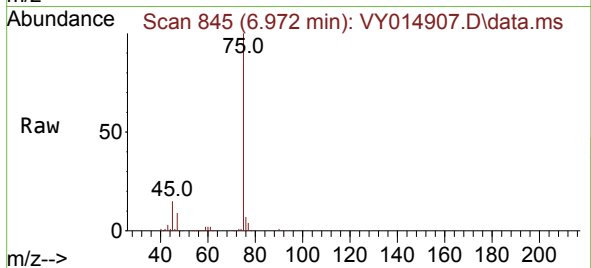
Tgt Ion: 84 Resp: 25448
Ion Ratio Lower Upper
84 100
49 118.9 106.9 160.3
51 36.3 33.2 49.8
86 64.6 51.0 76.6



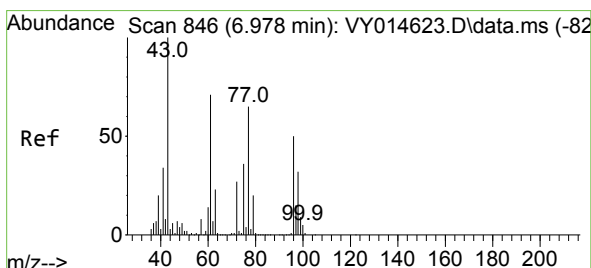
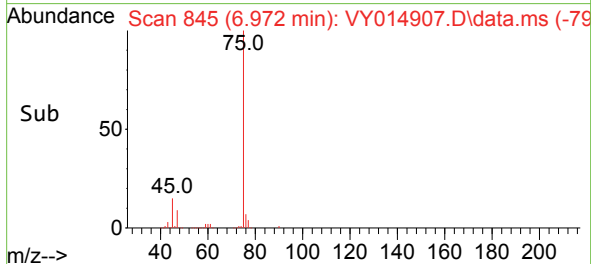
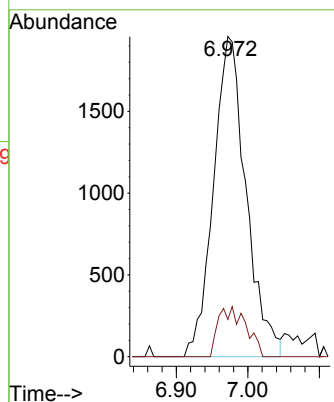


#25
2-Butanone
Concen: 8.611 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-28-0-2-20230721

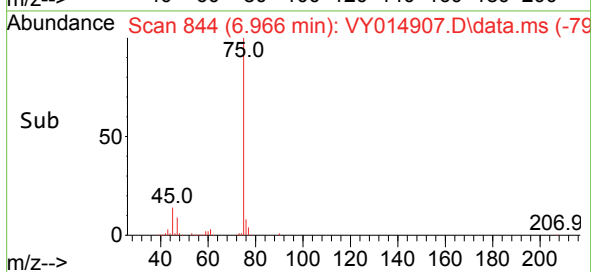
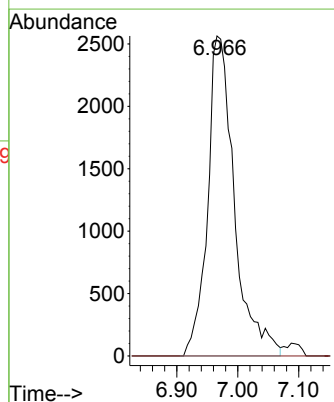
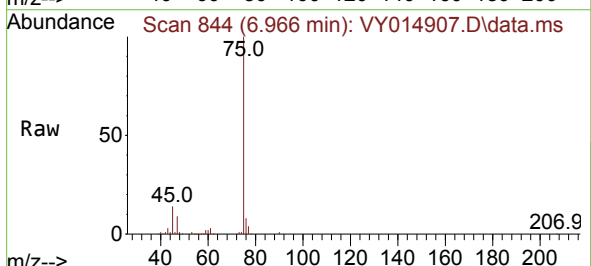


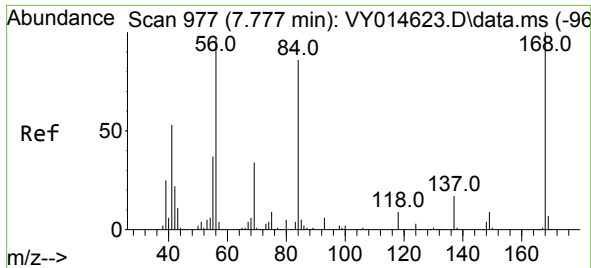
Tgt Ion: 43 Resp: 6196
Ion Ratio Lower Upper
43 100
72 11.7 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.968 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

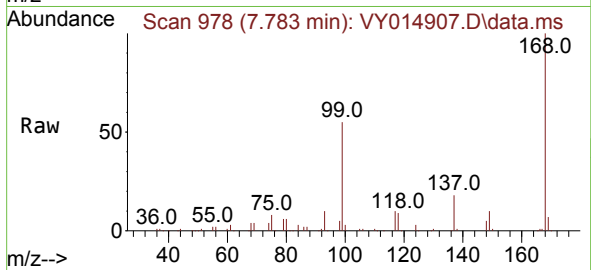
Tgt Ion: 77 Resp: 7837
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



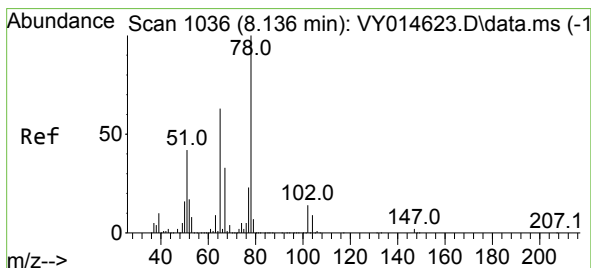
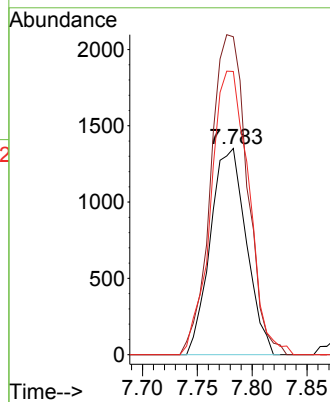
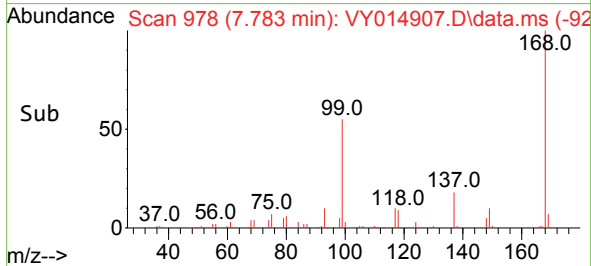


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-28-0-2-20230721

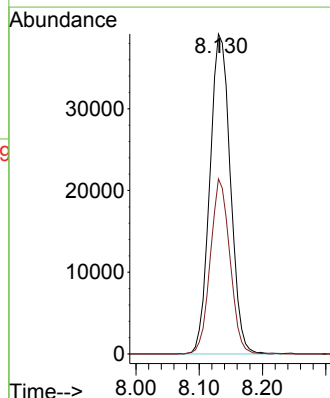
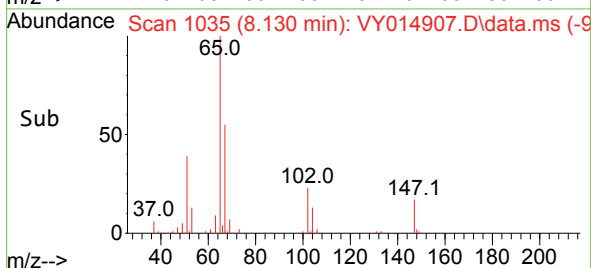
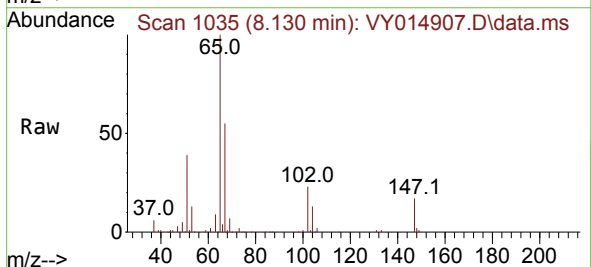


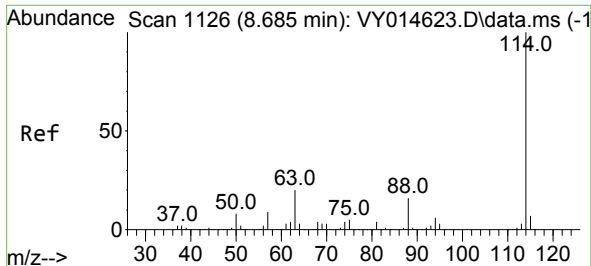
Tgt Ion: 56 Resp: 3075
Ion Ratio Lower Upper
56 100
69 154.2 27.8 41.6#
84 137.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.943 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Tgt Ion: 65 Resp: 88377
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014907.D

Acq: 28 Jul 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-28-0-2-20230721

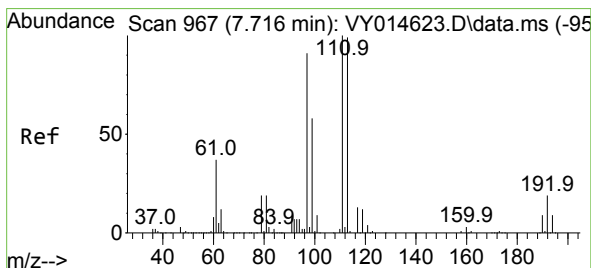
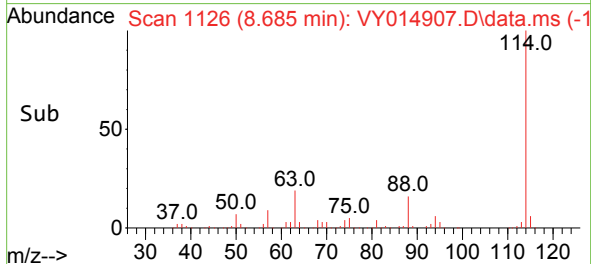
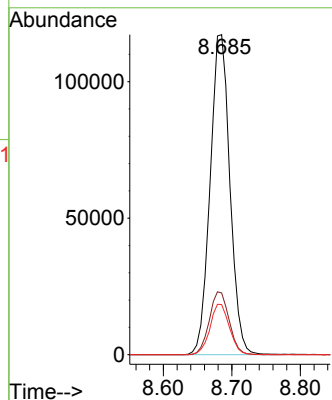
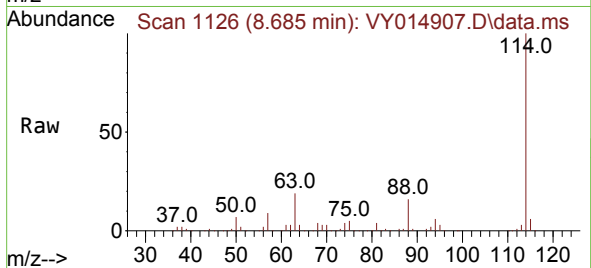
Tgt Ion:114 Resp: 235291

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.754 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014907.D

Acq: 28 Jul 2023 14:31

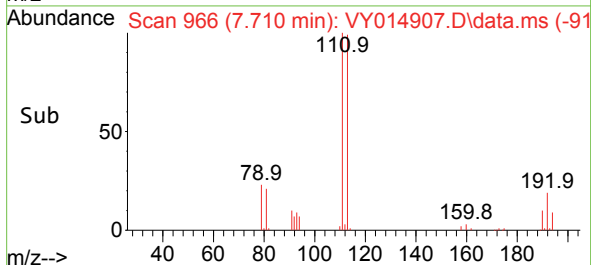
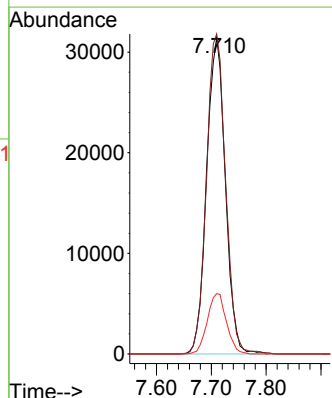
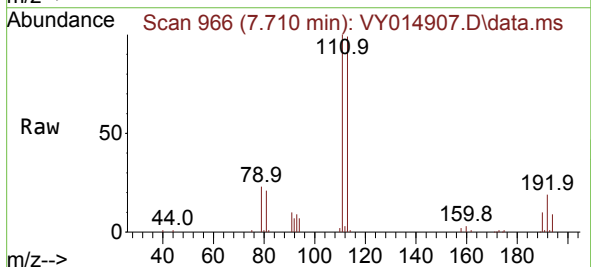
Tgt Ion:113 Resp: 74522

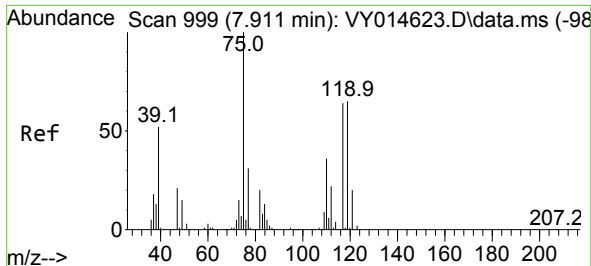
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.772 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY014907.D

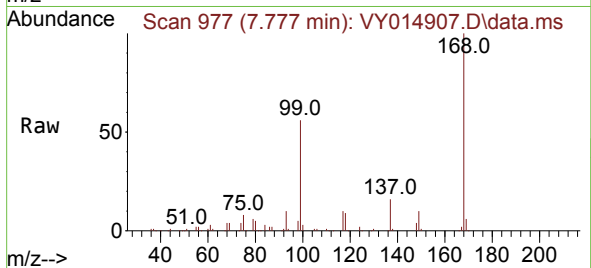
Acq: 28 Jul 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

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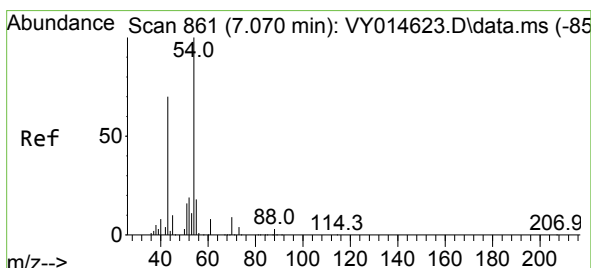
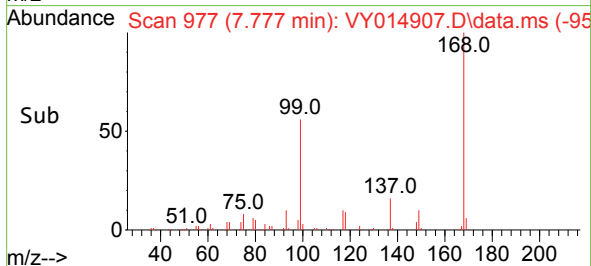
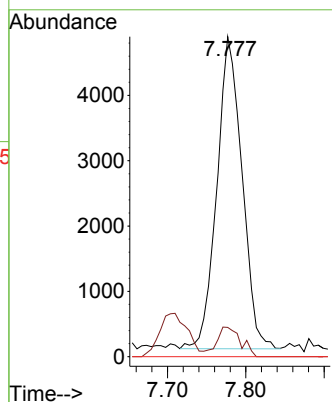
Tgt Ion: 75 Resp: 10690

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 4.018 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.098 min

Lab File: VY014907.D

Acq: 28 Jul 2023 14:31

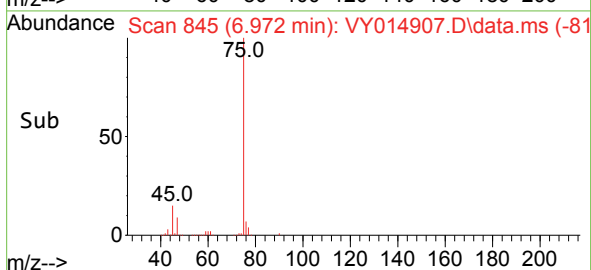
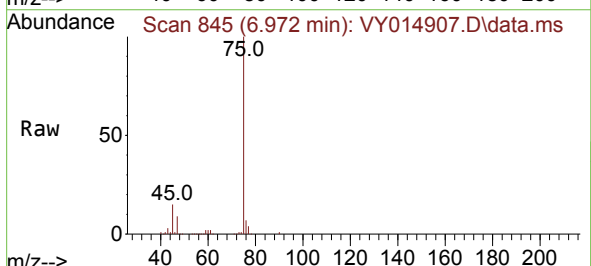
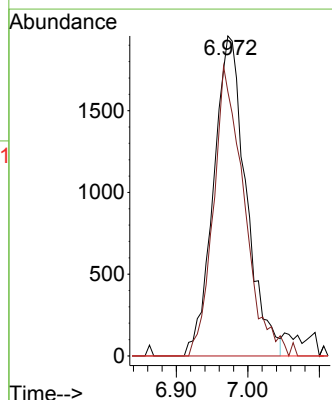
Tgt Ion: 43 Resp: 6196

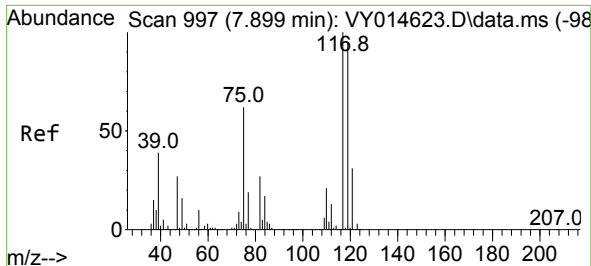
Ion Ratio Lower Upper

43 100

61 85.2 10.1 15.1#

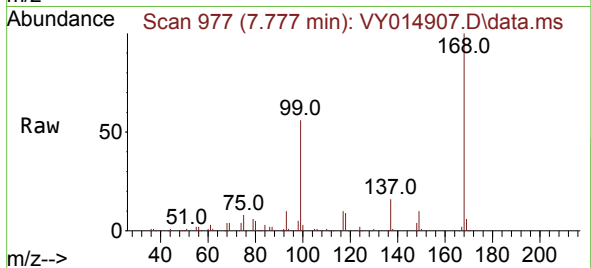
70 0.0 7.1 10.7#



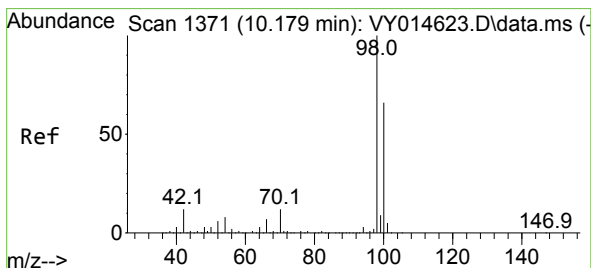
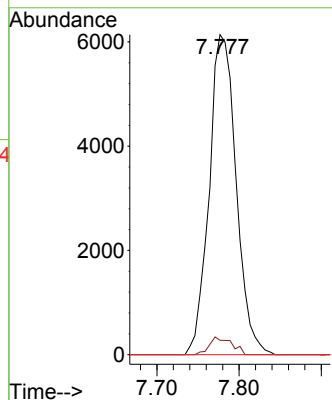
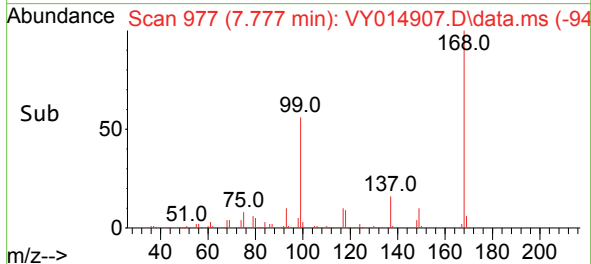


#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Instrument :
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ClientSampleId :
SB-28-0-2-20230721

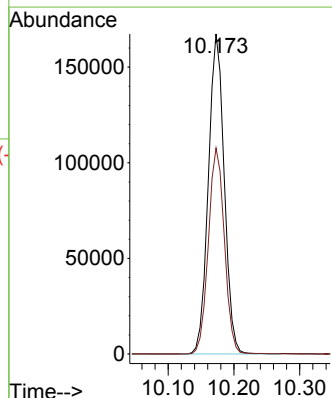
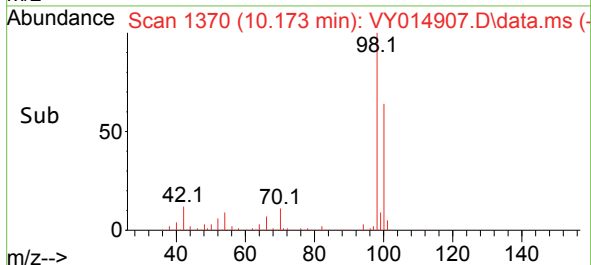
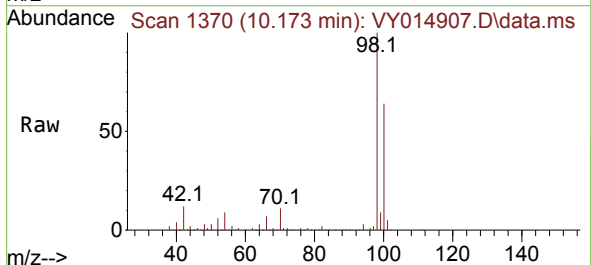


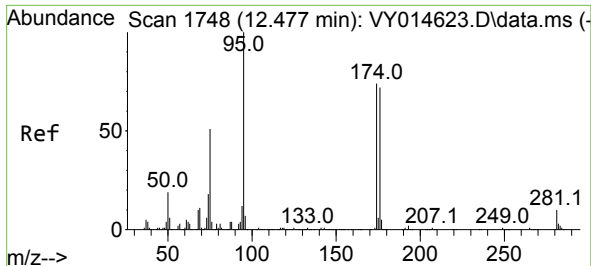
Tgt Ion:117 Resp: 14016
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.909 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Tgt Ion: 98 Resp: 281122
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

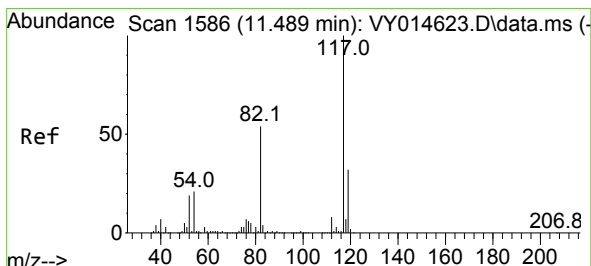
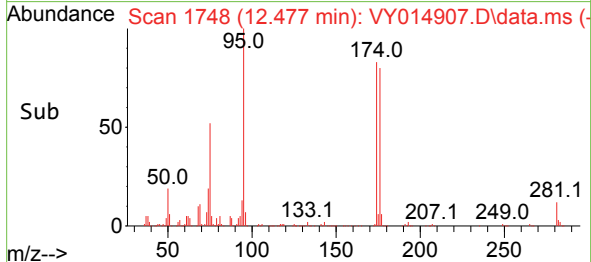
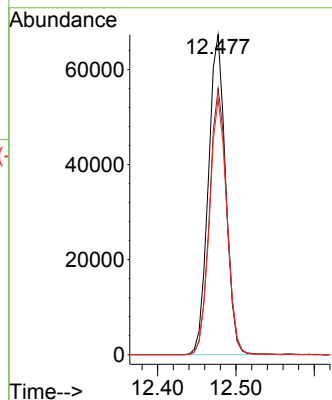
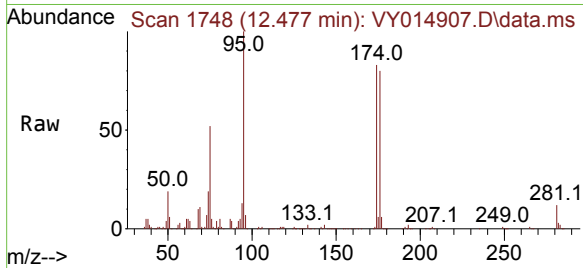




#62
4-Bromofluorobenzene
Concen: 48.475 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

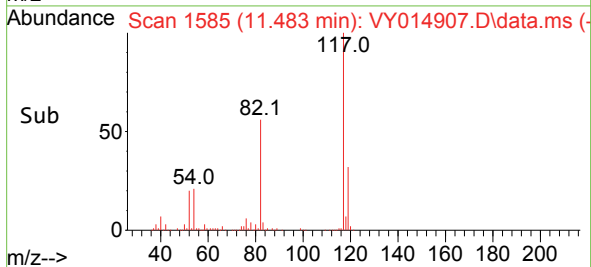
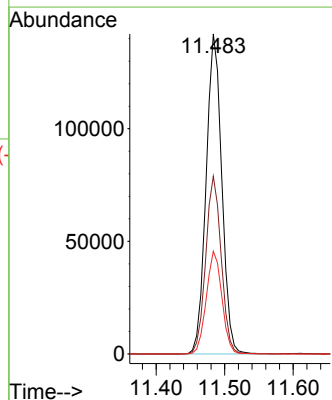
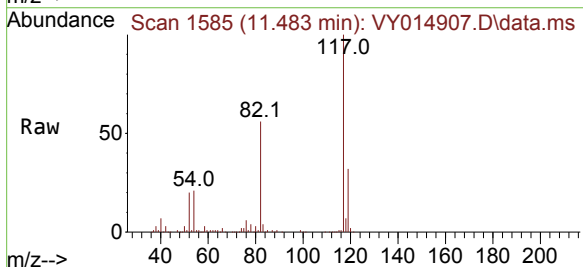
Instrument :
MSVOA_Y
ClientSampleId :
SB-28-0-2-20230721

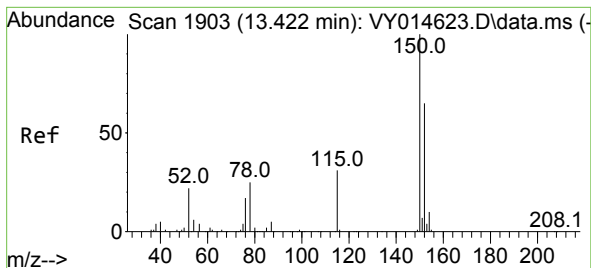
Tgt Ion: 95 Resp: 102641
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 80.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Tgt Ion: 117 Resp: 226531
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014907.D

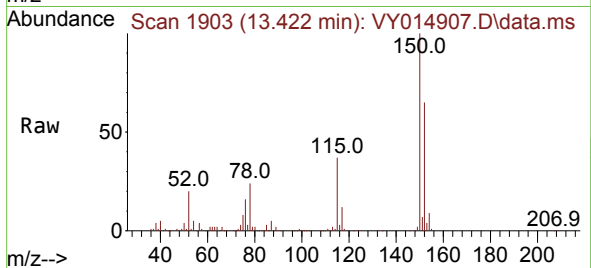
Acq: 28 Jul 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-28-0-2-20230721



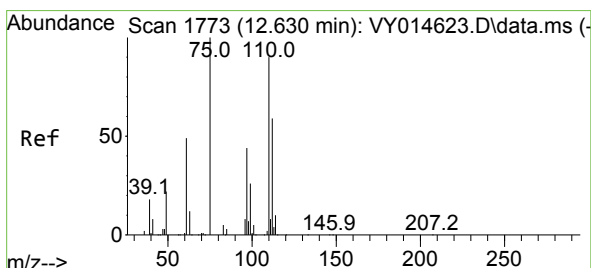
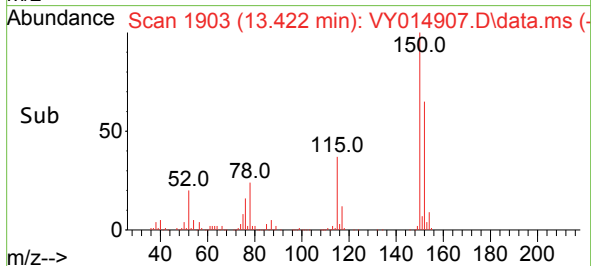
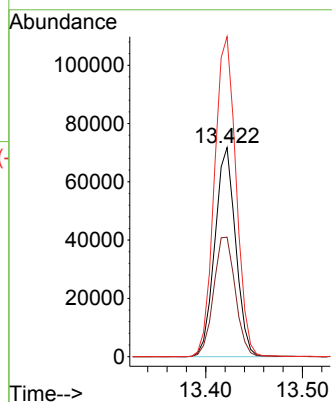
Tgt Ion:152 Resp: 107384

Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.5

150 158.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.399 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014907.D

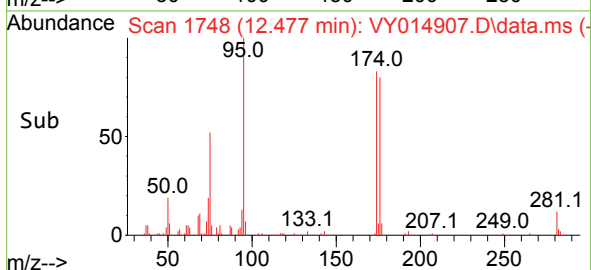
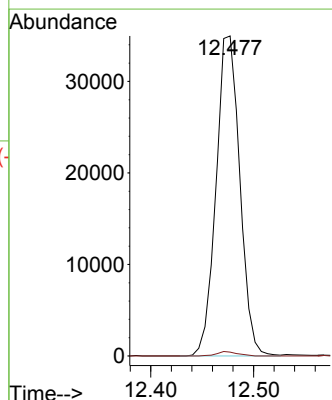
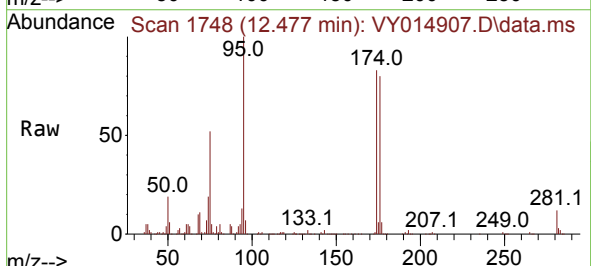
Acq: 28 Jul 2023 14:31

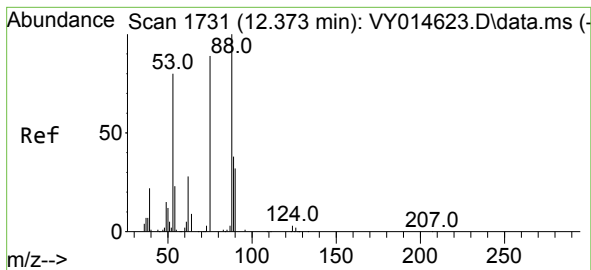
Tgt Ion: 75 Resp: 56146

Ion Ratio Lower Upper

75 100

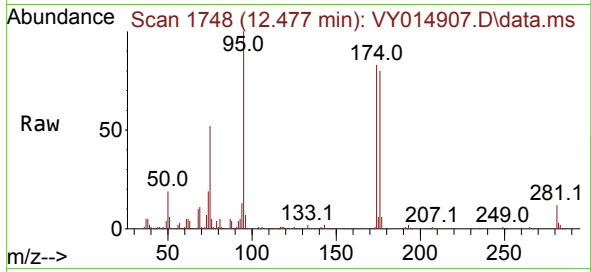
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.155 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014907.D
 Acq: 28 Jul 2023 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28-0-2-20230721



Tgt Ion: 75 Resp: 56146
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

