

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006410.D
 Acq On : 15 Oct 2021 16:38
 Operator : SY/MD
 Sample : M4249-04
 Misc : 4.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:46:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

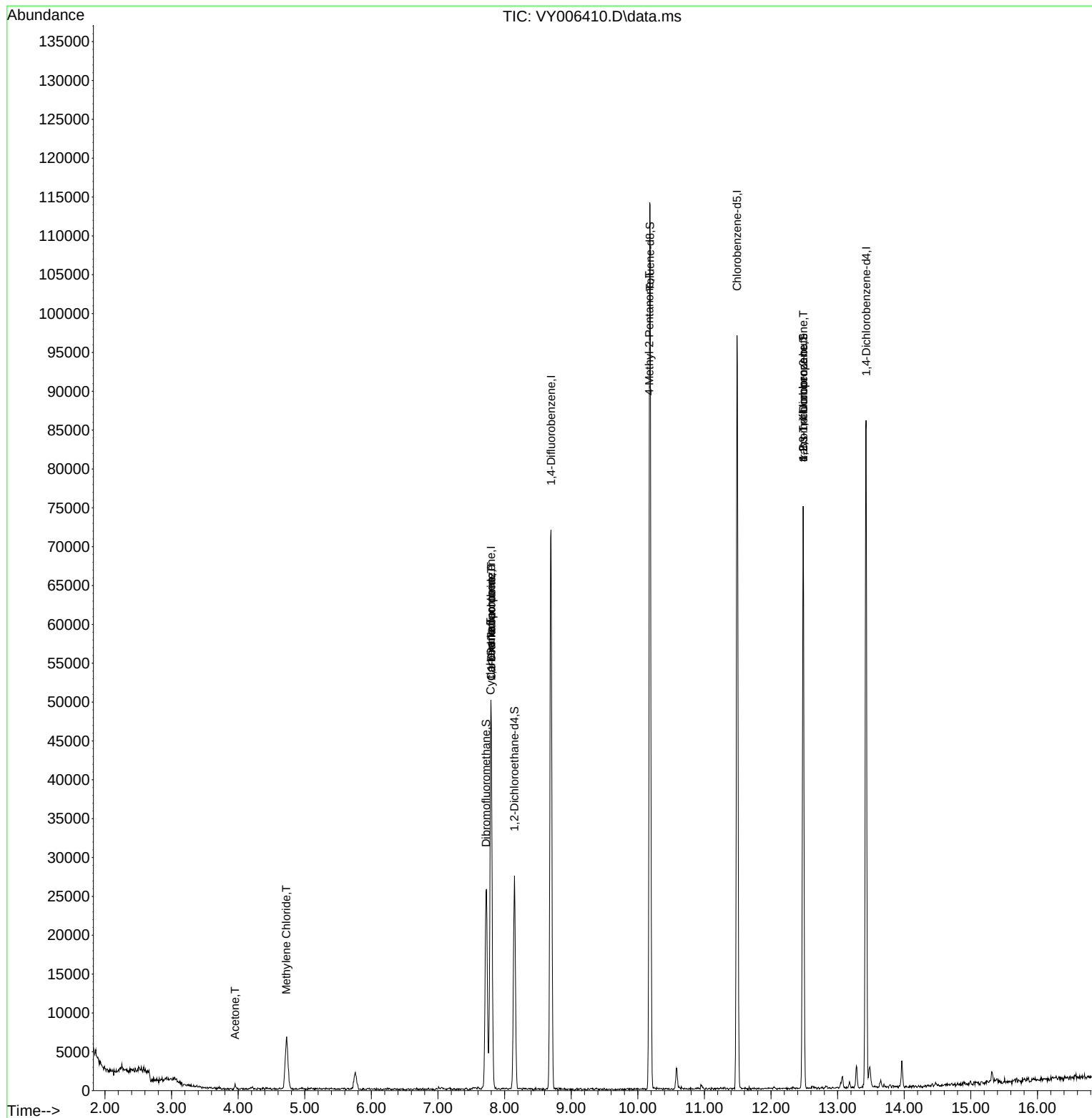
Internal Standards						
1) Pentafluorobenzene	7.795	168	38722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	59877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	51000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22208	53.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.722	113	17412	54.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.860%	
50) Toluene-d8	10.185	98	74646	55.754	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.500%	
62) 4-Bromofluorobenzene	12.483	95	19950	43.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	677	5.849	ug/l	92
20) Methylene Chloride	4.722	84	4325	7.669	ug/l	94
31) Cyclohexane	7.789	56	971	1.237	ug/l #	46
36) 1,1-Dichloropropene	7.801	75	2936	4.928	ug/l #	50
38) Carbon Tetrachloride	7.801	117	3768	5.990	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	417	1.207	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	10508	49.856	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10508	97.974	ug/l #	7

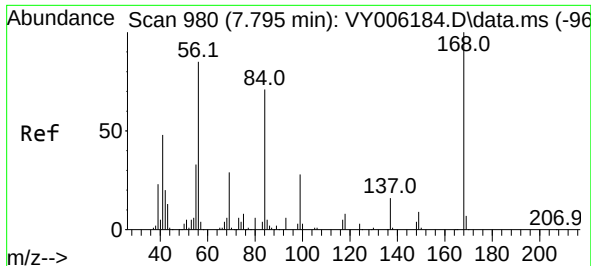
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 04:46:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

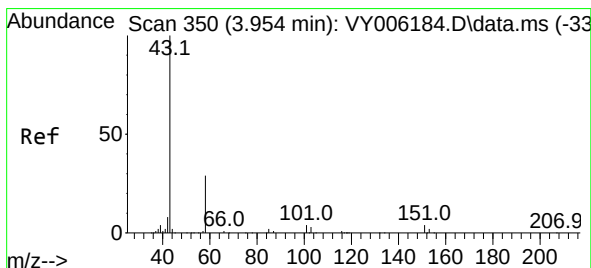
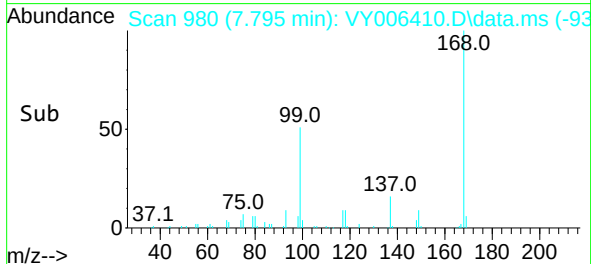
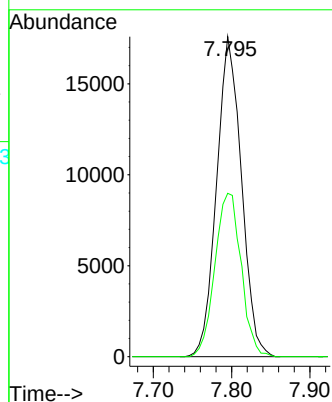
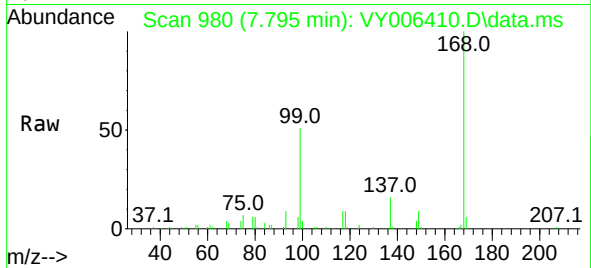




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

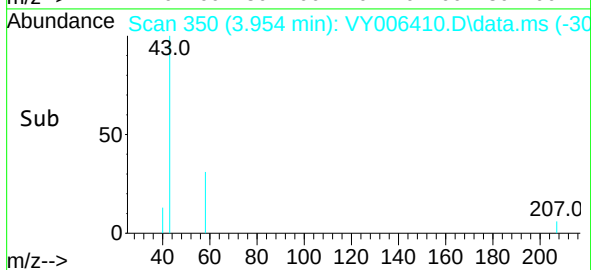
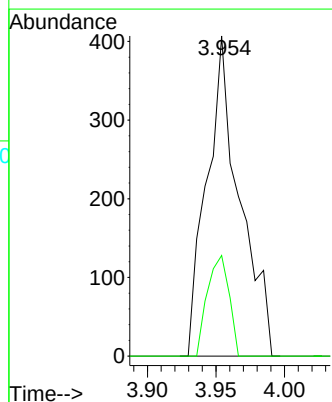
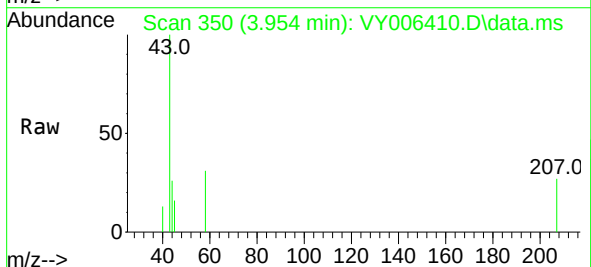
Instrument :
MSVOA_Y
ClientSampleId :

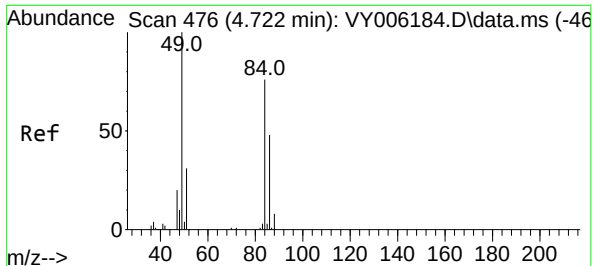
Tgt Ion:168 Resp: 38722
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#16
Acetone
Concen: 5.849 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0





#20

Methylene Chloride

Concen: 7.669 ug/l

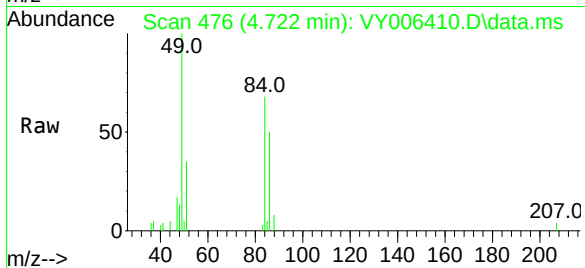
RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY006410.D

Acq: 15 Oct 2021 16:38

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 4325

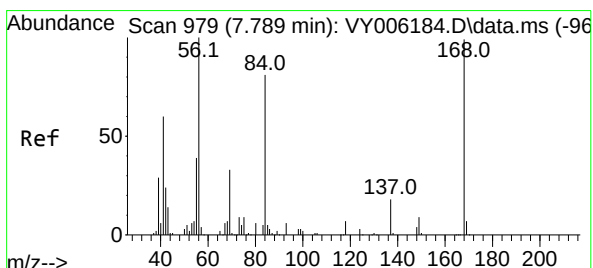
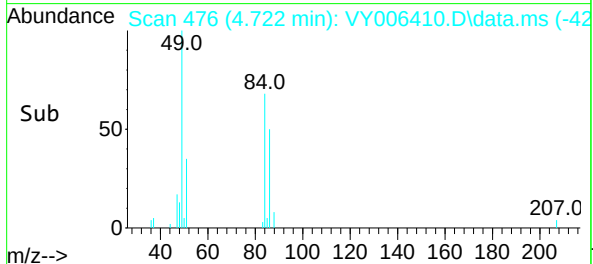
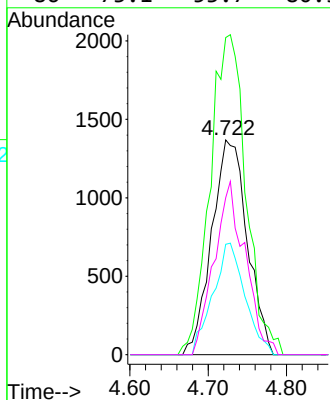
Ion Ratio Lower Upper

84 100

49 147.7 114.4 171.6

51 51.4 35.3 52.9

86 73.1 53.7 80.5



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY006410.D

Acq: 15 Oct 2021 16:38

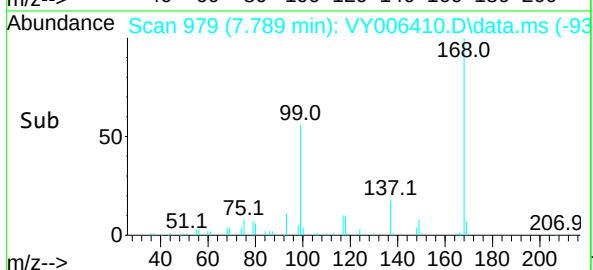
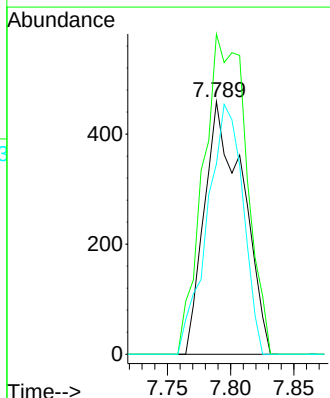
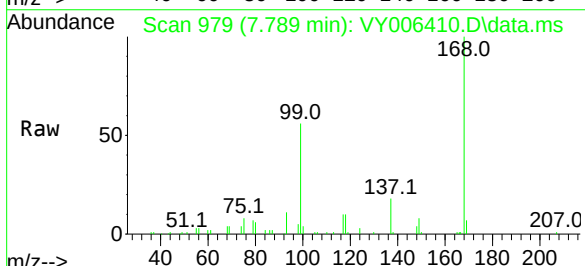
Tgt Ion: 56 Resp: 971

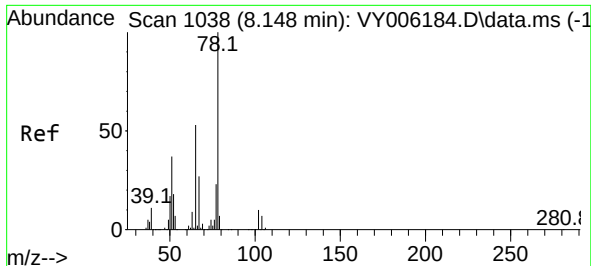
Ion Ratio Lower Upper

56 100

69 126.8 26.7 40.1#

84 75.4 67.2 100.8

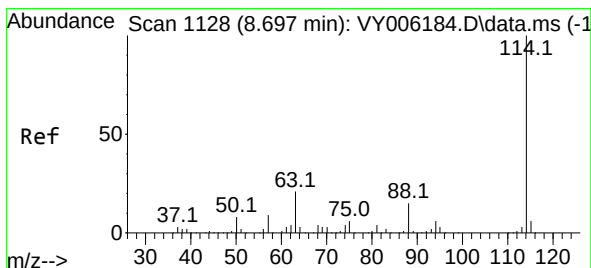
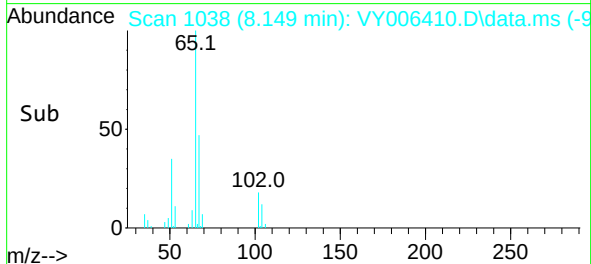
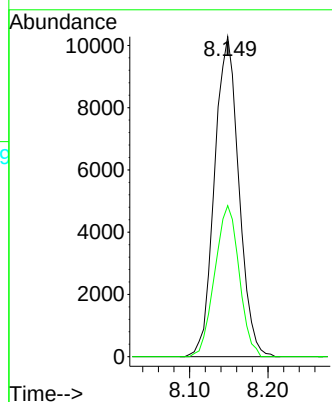
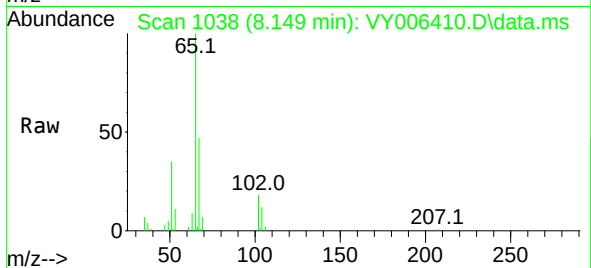




#33
 1,2-Dichloroethane-d4
 Concen: 53.586 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006410.D
 Acq: 15 Oct 2021 16:38

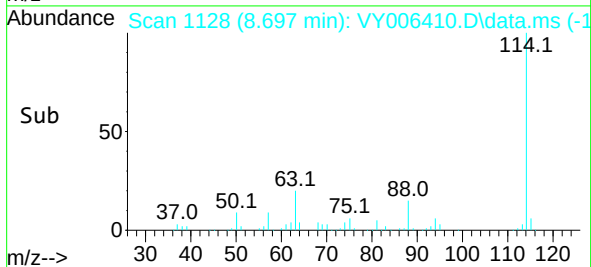
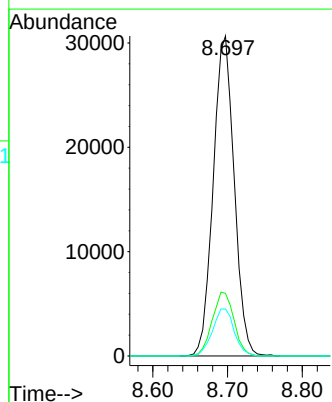
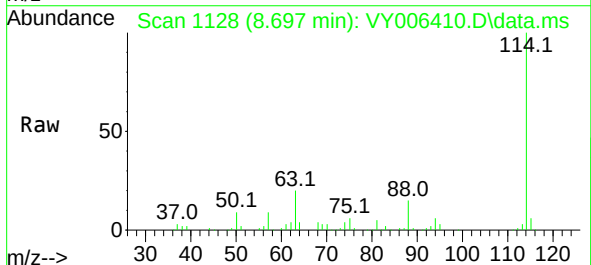
Instrument :
 MSVOA_Y
 ClientSampleId :

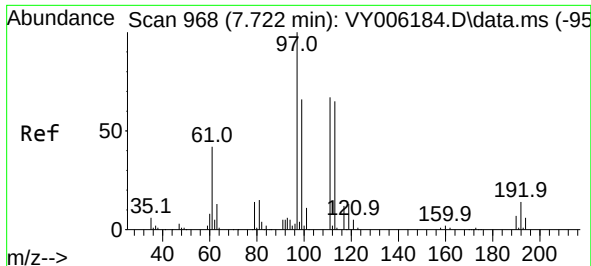
Tgt Ion: 65 Resp: 22208
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006410.D
 Acq: 15 Oct 2021 16:38

Tgt Ion: 114 Resp: 59877
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 14.7 0.0 31.8

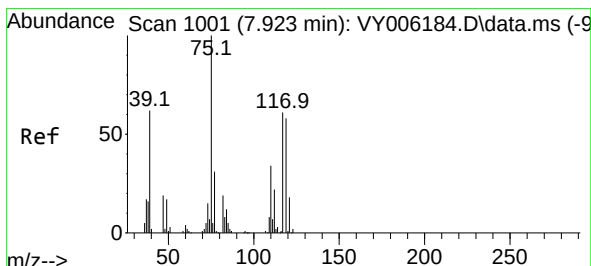
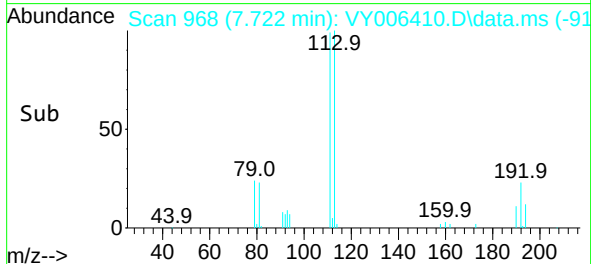
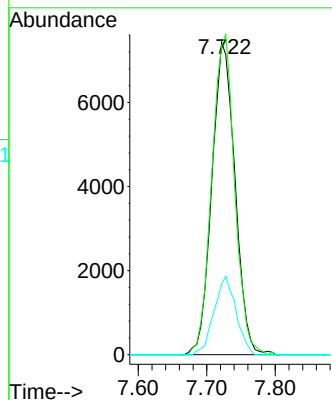
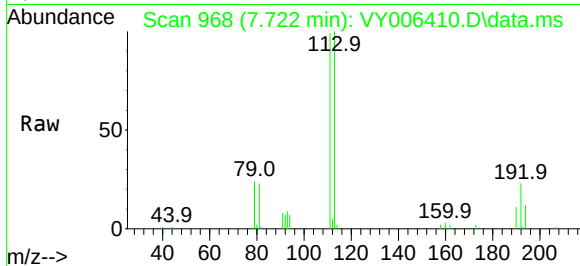




#35
Dibromofluoromethane
Concen: 54.430 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

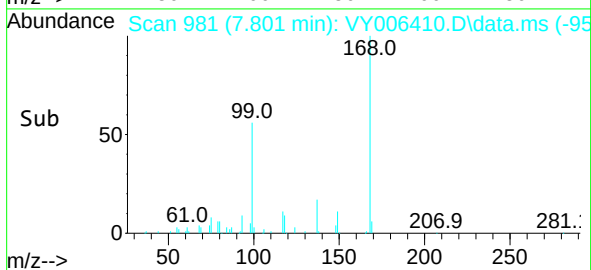
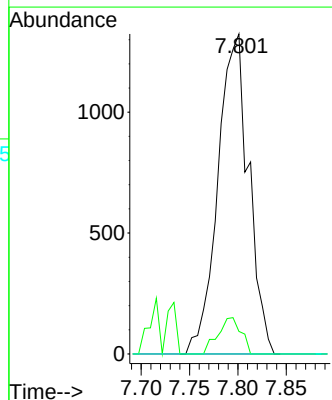
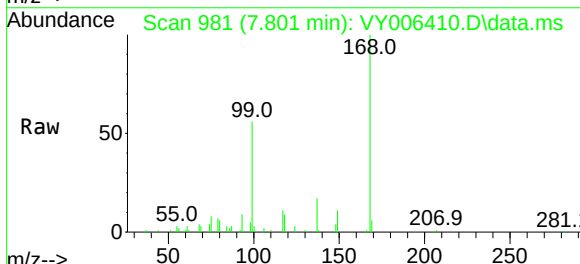
Instrument :
MSVOA_Y
ClientSampleId :

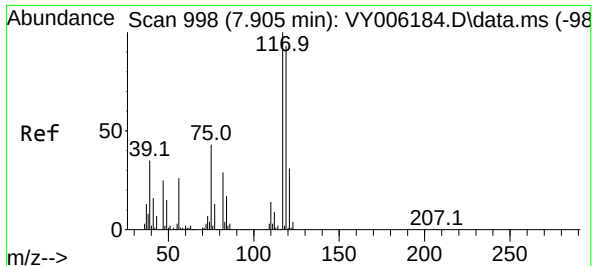
Tgt Ion:113 Resp: 17412
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 23.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 75 Resp: 2936
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

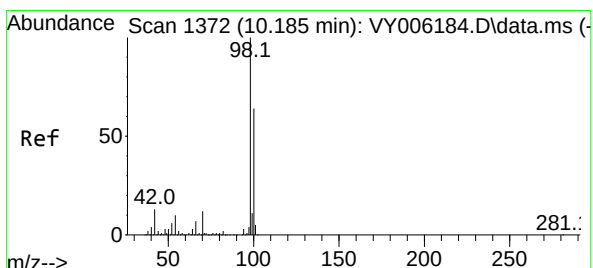
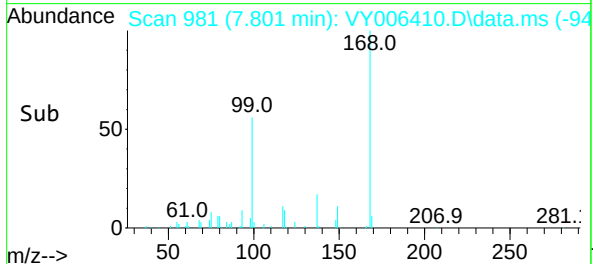
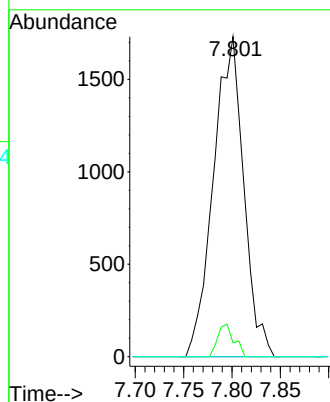
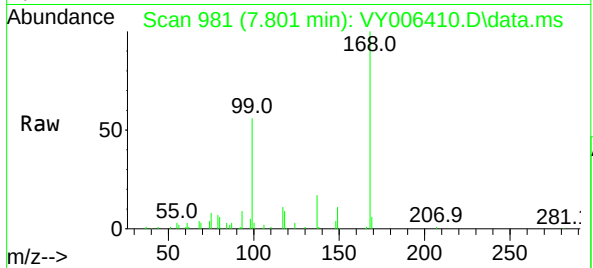




#38
Carbon Tetrachloride
Concen: 5.990 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

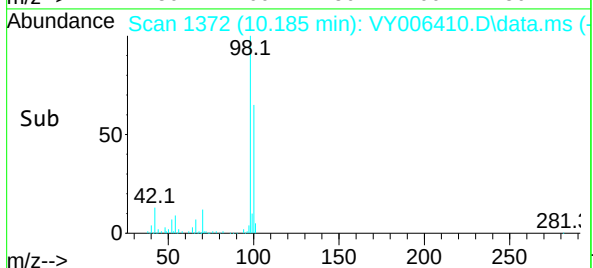
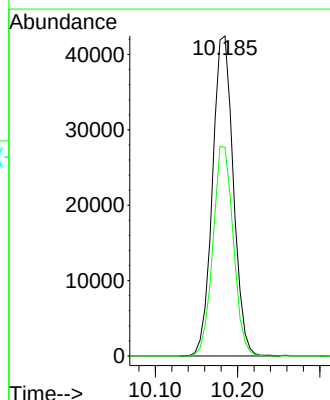
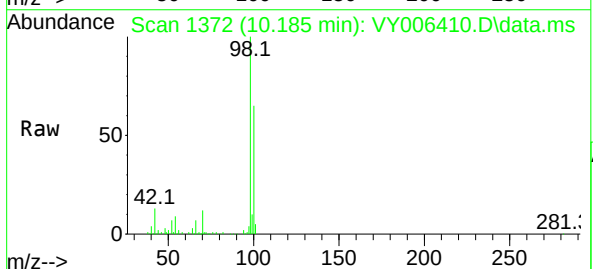
Instrument :
MSVOA_Y
ClientSampleId :

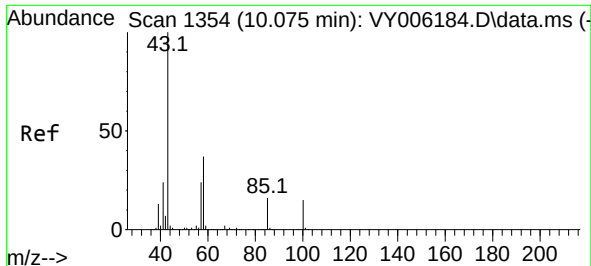
Tgt Ion:117 Resp: 3768
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.754 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 98 Resp: 74646
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

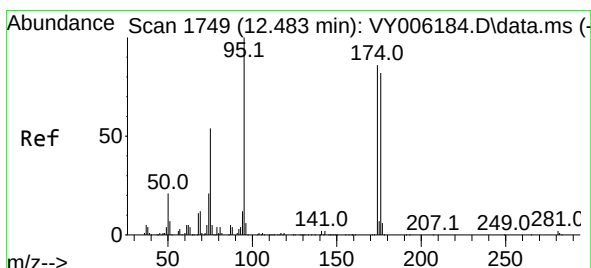
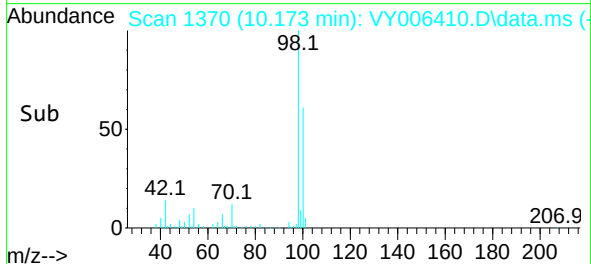
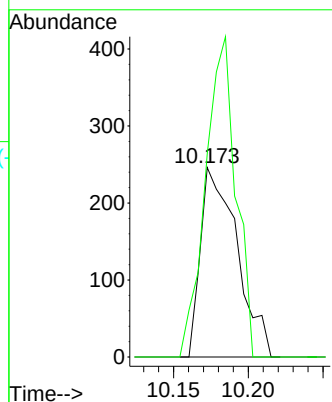
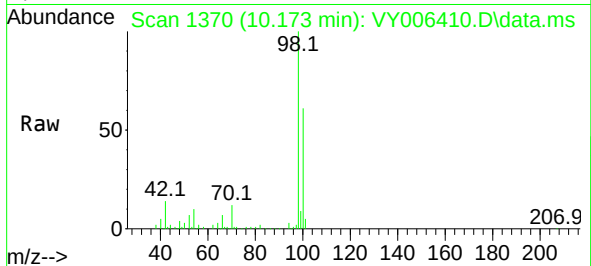




#51
4-Methyl-2-Pentanone
Concen: 1.207 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.098 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

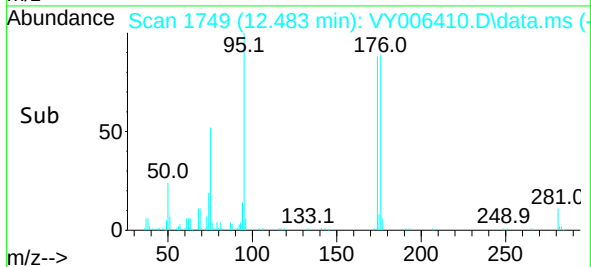
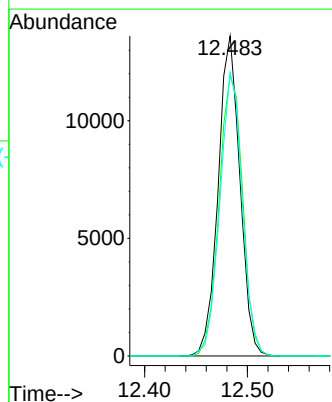
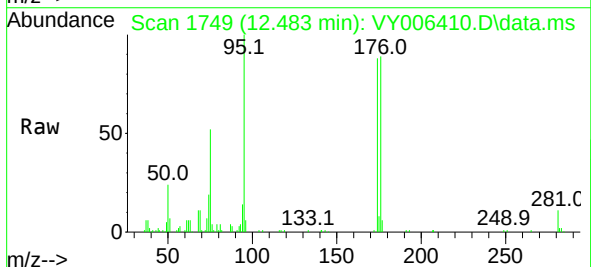
Instrument :
MSVOA_Y
ClientSampleId :

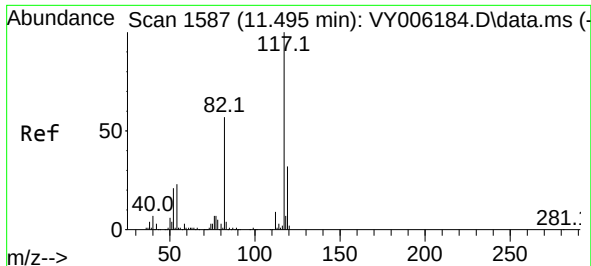
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 140.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 43.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 95 Resp: 19950
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 91.2 0.0 175.8

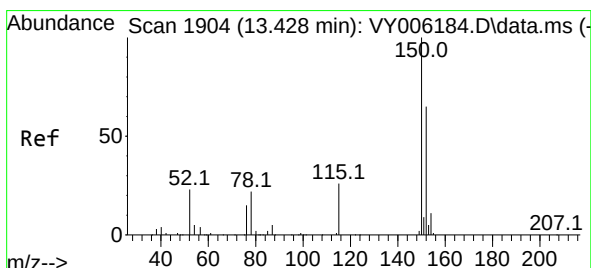
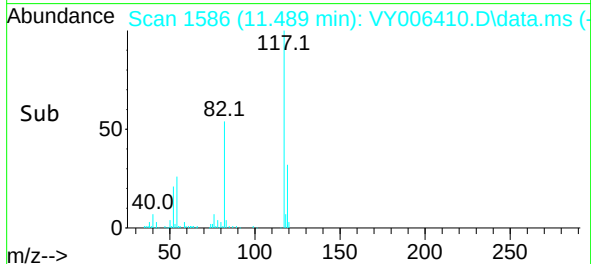
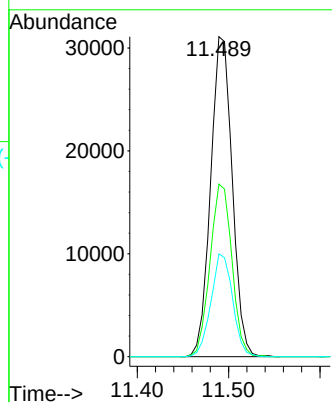
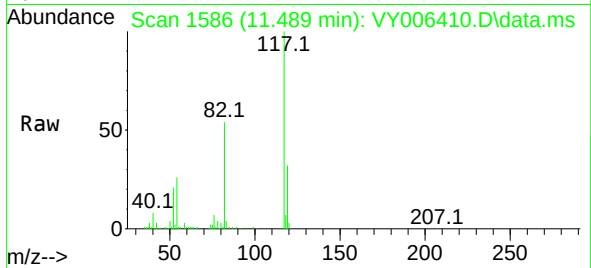




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

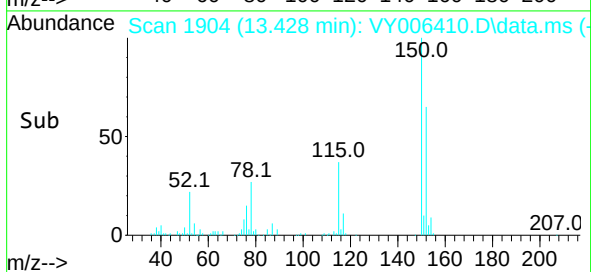
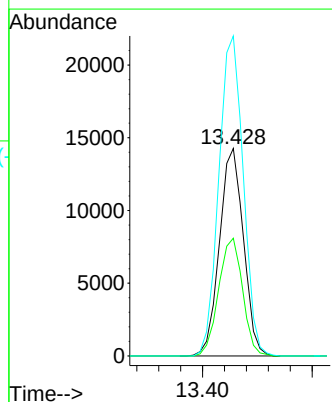
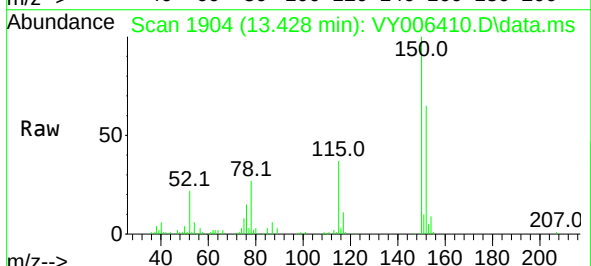
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	32.1	25.4	38.0

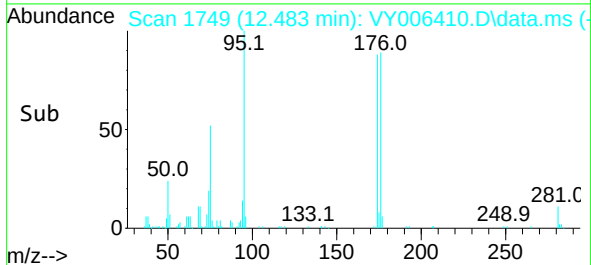
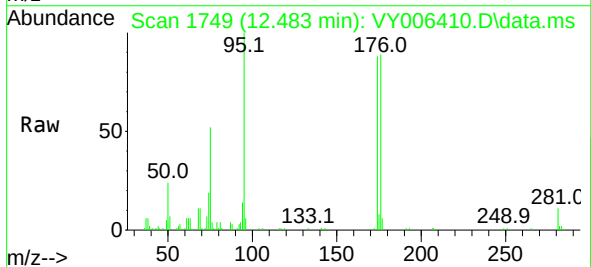
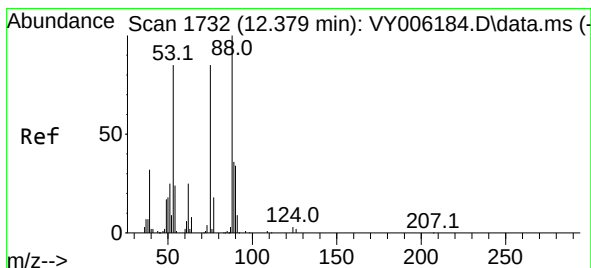
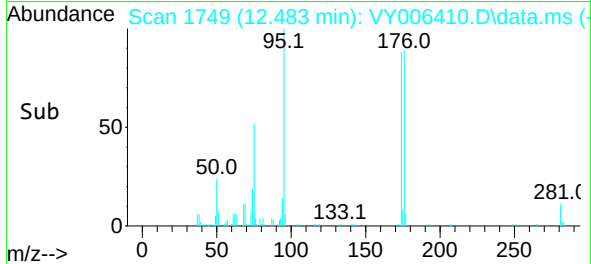
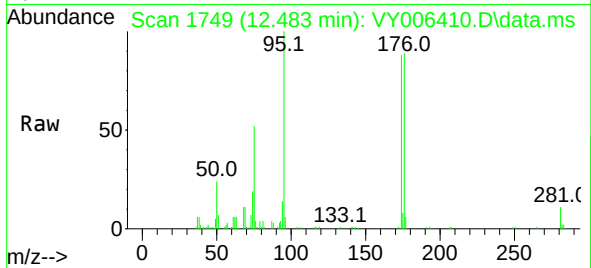
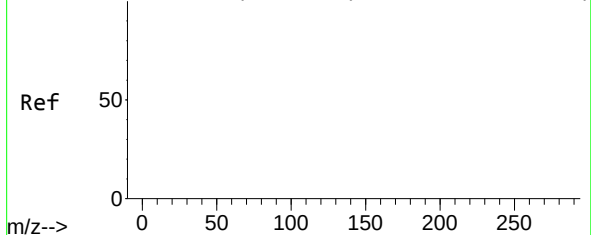


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	156.6	0.0	347.6

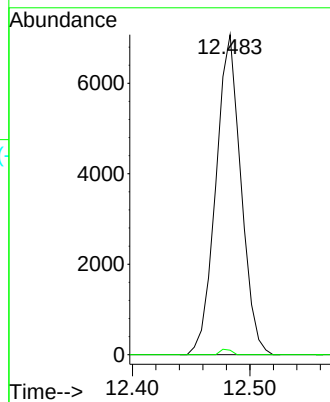


Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



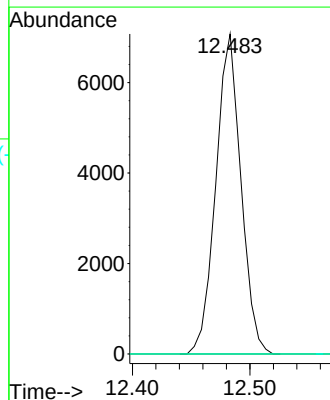
#76
1,2,3-Trichloropropane
Concen: 49.856 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 75 Resp: 10508
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.974 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 75 Resp: 10508
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampleId :