

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020127.D
 Acq On : 01 Nov 2024 18:17
 Operator : SY/MD
 Sample : P4643-11
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 04 00:51:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

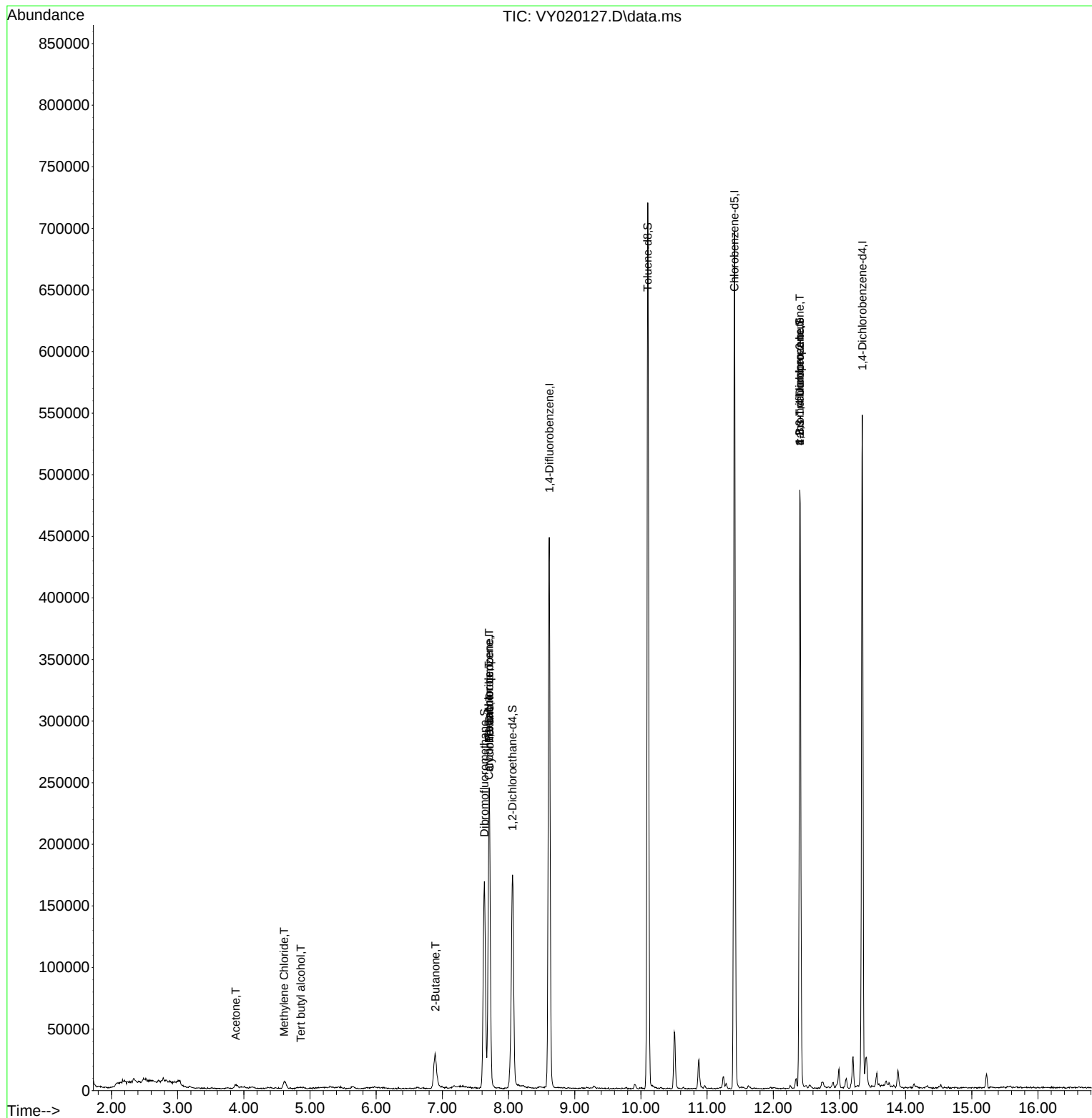
Internal Standards						
1) Pentafluorobenzene	7.707	168	161794	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	348081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	331180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122812	60.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.640%	
35) Dibromofluoromethane	7.634	113	117372	53.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.103	98	441133	50.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.401	95	136978	47.872	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	1330	9.157	ug/l	# 88
16) Acetone	3.879	43	5186	11.044	ug/l	# 82
20) Methylene Chloride	4.610	84	3692	1.750	ug/l	# 85
25) 2-Butanone	6.896	43	2306	3.623	ug/l	# 64
31) Cyclohexane	7.713	56	5374	1.467	ug/l	# 60
36) 1,1-Dichloropropene	7.707	75	16171	4.730	ug/l	# 48
38) Carbon Tetrachloride	7.701	117	18611	5.414	ug/l	# 15
76) 1,2,3-Trichloropropane	12.401	75	81161	72.278	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	81161	155.467	ug/l	# 16

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

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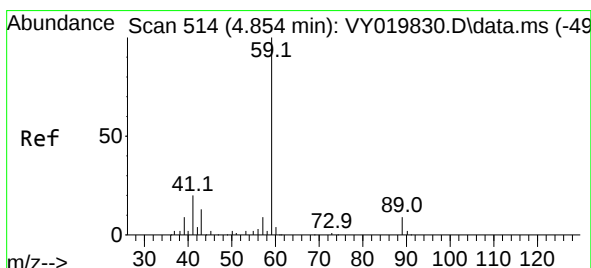
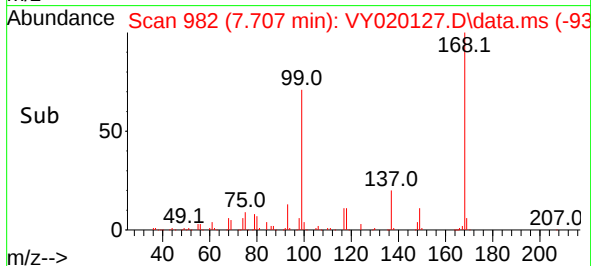
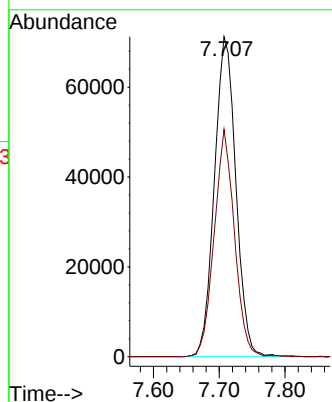
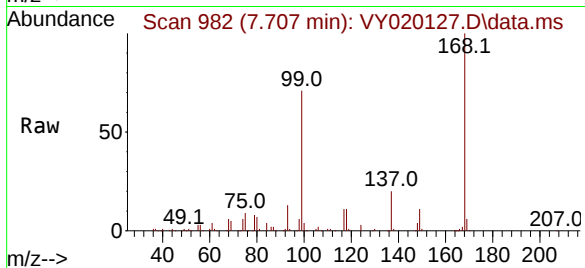




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

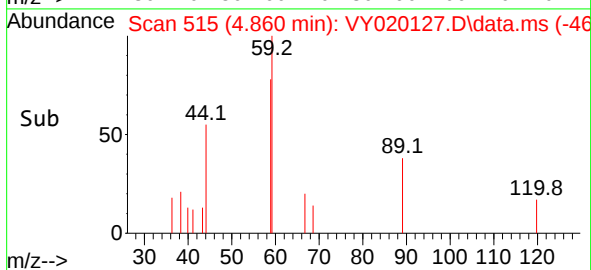
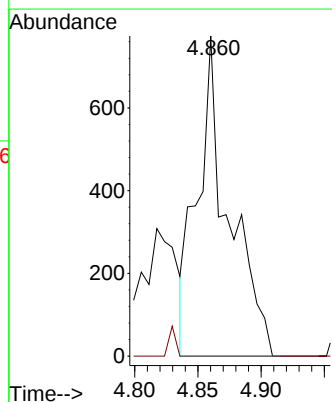
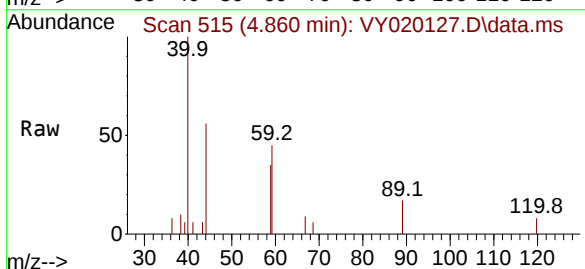
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 161794
Ion Ratio Lower Upper
168 100
99 71.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 9.157 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

Tgt Ion: 59 Resp: 1330
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

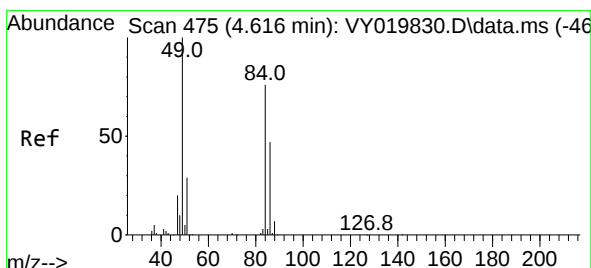
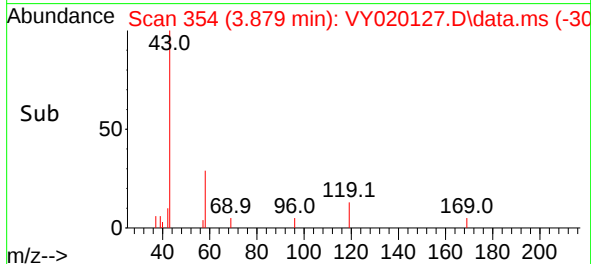
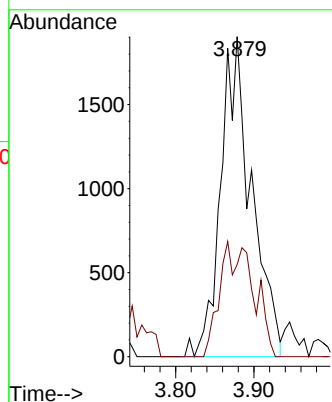
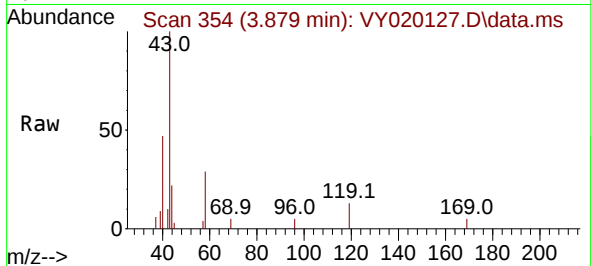




#16
Acetone
Concen: 11.044 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

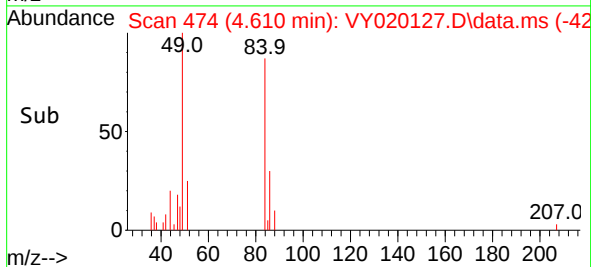
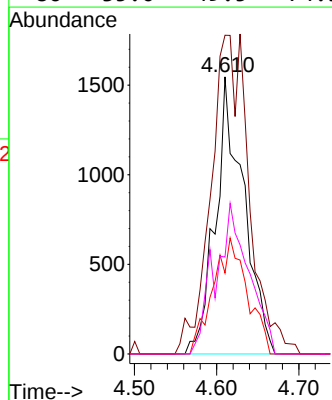
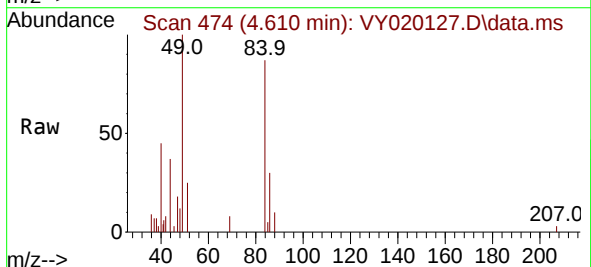
Instrument :
MSVOA_Y
ClientSampleId :

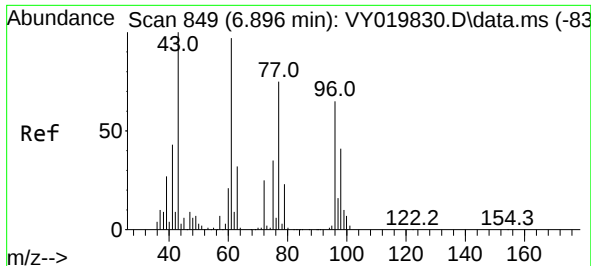
Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
58 28.8 31.7 47.5#



#20
Methylene Chloride
Concen: 1.750 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

Tgt Ion: 84 Resp: 3692
Ion Ratio Lower Upper
84 100
49 111.3 84.4 126.6
51 29.2 26.0 39.0
86 35.0 49.5 74.3#

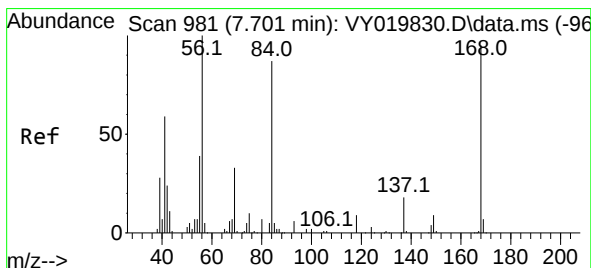
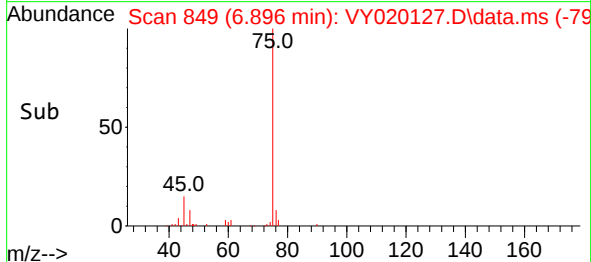
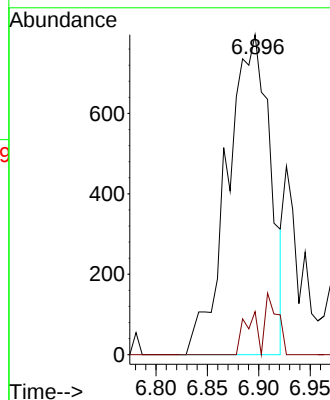
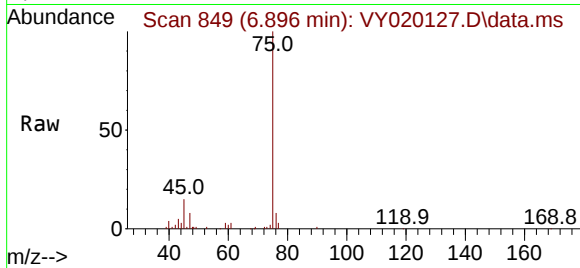




#25
2-Butanone
Concen: 3.623 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

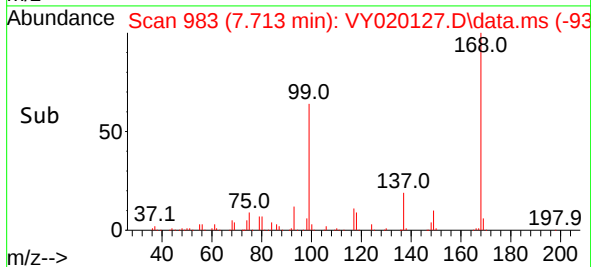
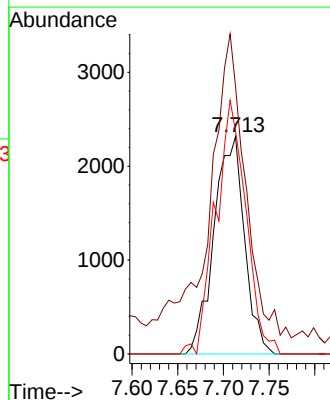
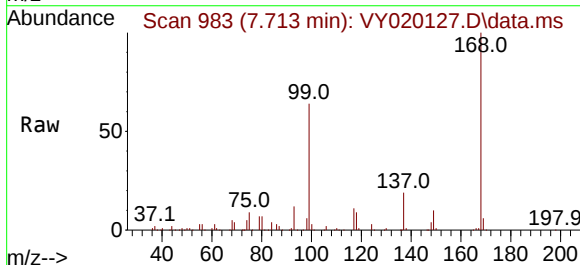
Instrument :
MSVOA_Y
ClientSampleId :

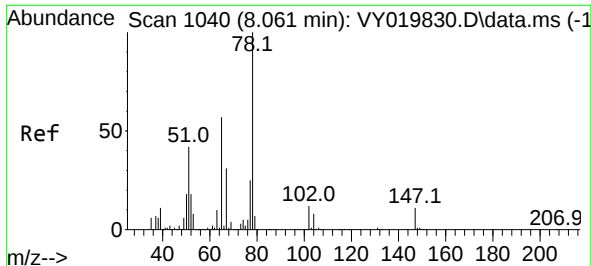
Tgt Ion: 43 Resp: 2306
Ion Ratio Lower Upper
43 100
72 13.4 27.3 40.9#



#31
Cyclohexane
Concen: 1.467 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

Tgt Ion: 56 Resp: 5374
Ion Ratio Lower Upper
56 100
69 114.3 28.7 43.1#
84 102.4 77.7 116.5

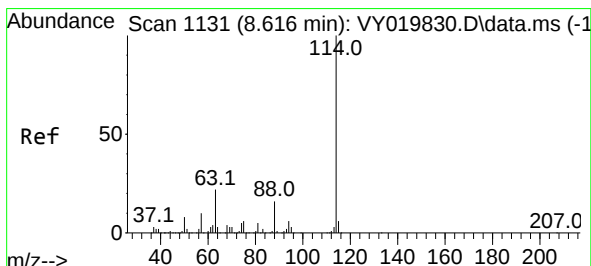
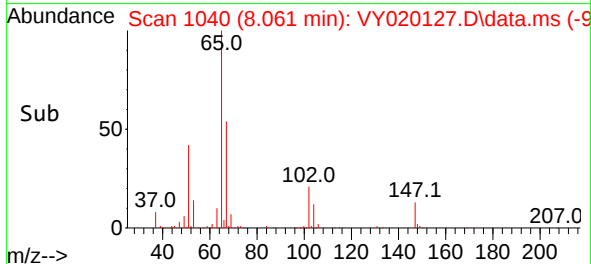
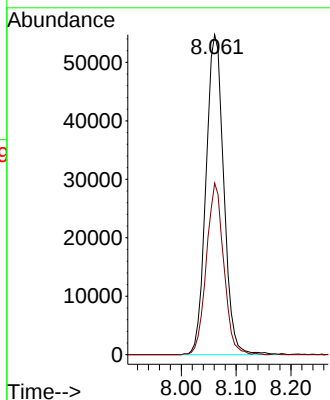
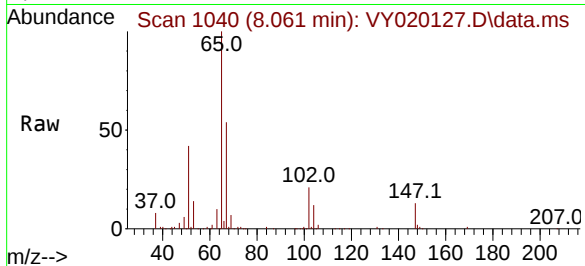




#33
 1,2-Dichloroethane-d4
 Concen: 60.819 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY020127.D
 Acq: 01 Nov 2024 18:17

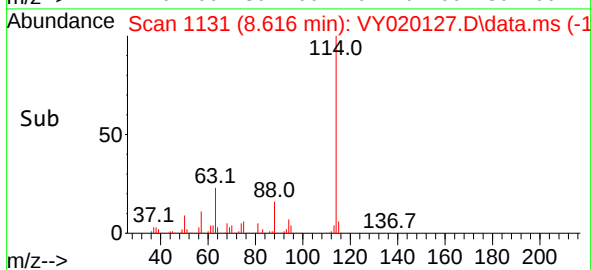
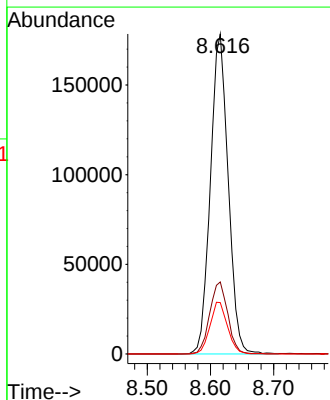
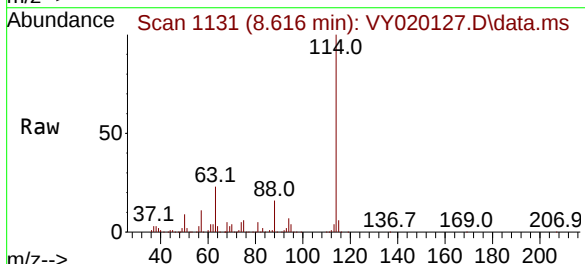
Instrument :
 MSVOA_Y
 ClientSampleId :

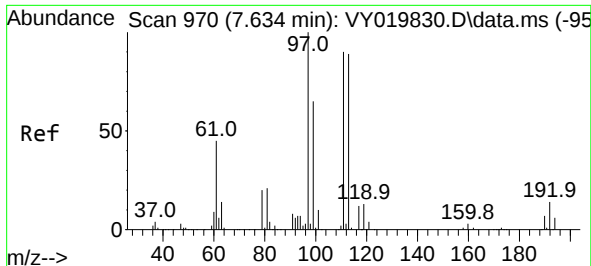
Tgt Ion: 65 Resp: 122812
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020127.D
 Acq: 01 Nov 2024 18:17

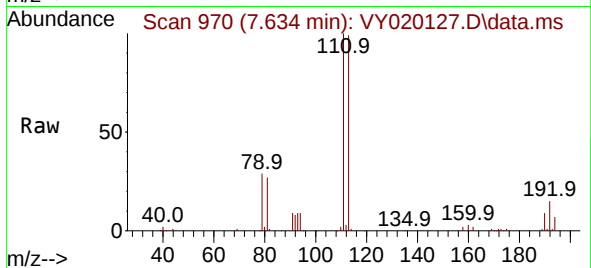
Tgt Ion: 114 Resp: 348081
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.0
 88 16.1 0.0 27.2



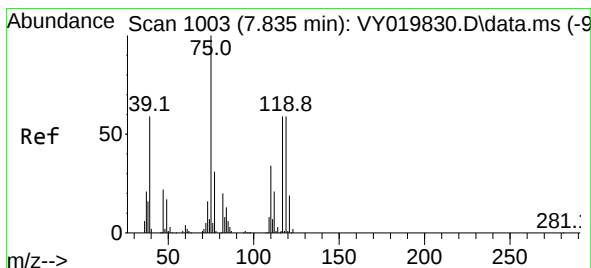
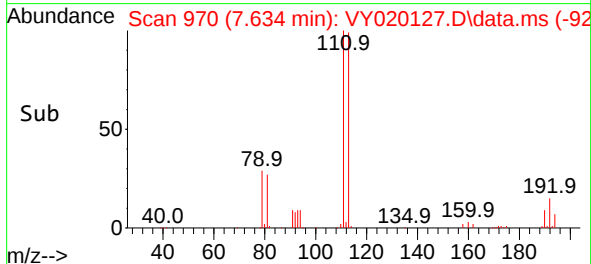
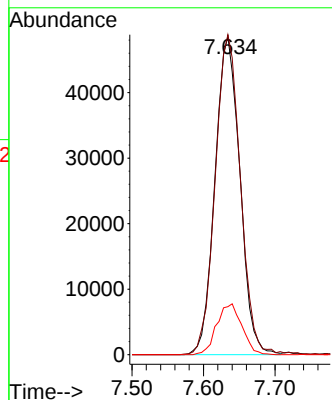


#35
Dibromofluoromethane
Concen: 53.036 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

Instrument :
MSVOA_Y
ClientSampleId :

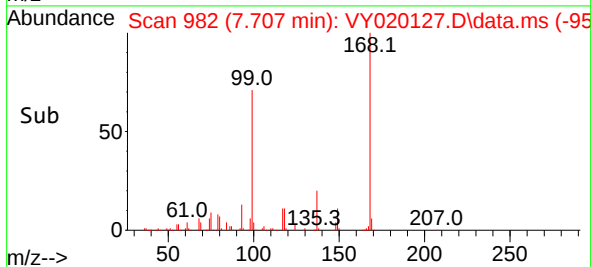
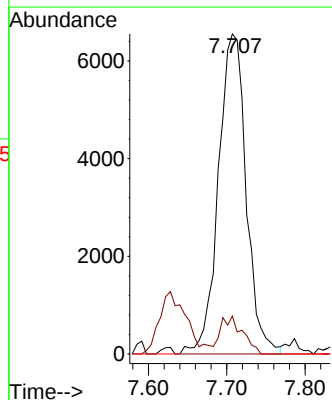
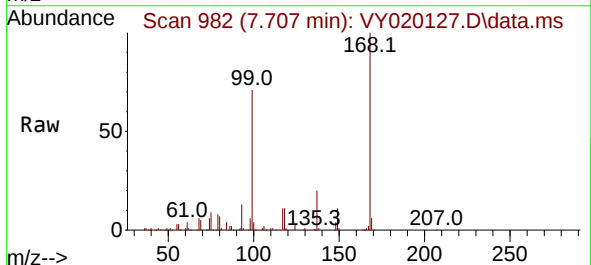


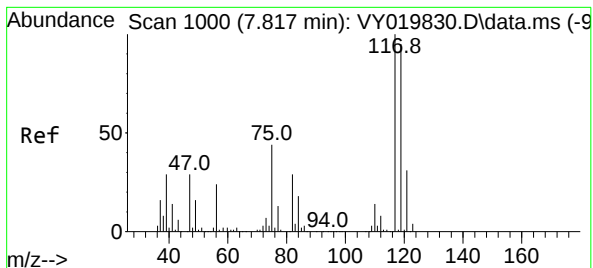
Tgt Ion:113 Resp: 117372
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 16.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

Tgt Ion: 75 Resp: 16171
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.414 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.116 min

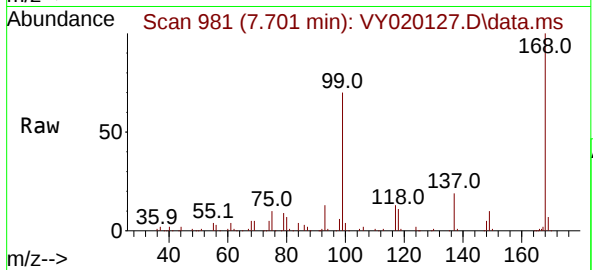
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Acq: 01 Nov 2024 18:17

Instrument :

MSVOA_Y

ClientSampleId :



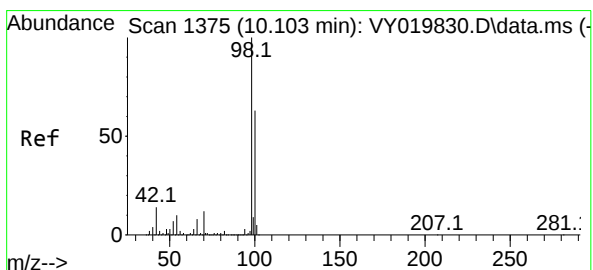
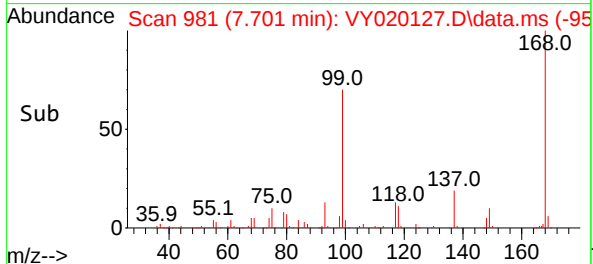
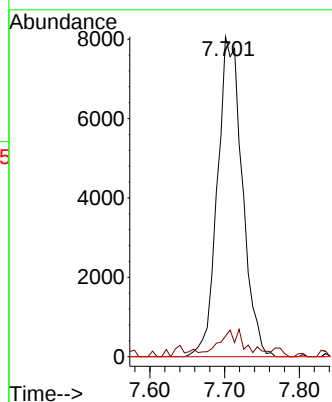
Tgt Ion:117 Resp: 18611

Ion Ratio Lower Upper

117 100

119 3.8 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 50.077 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020127.D

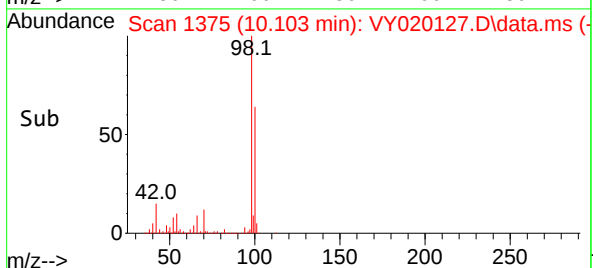
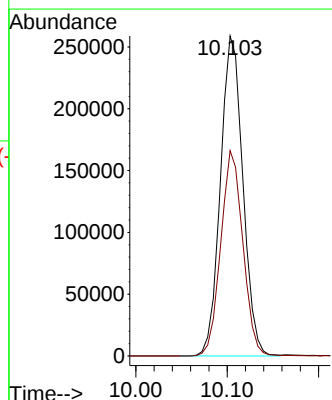
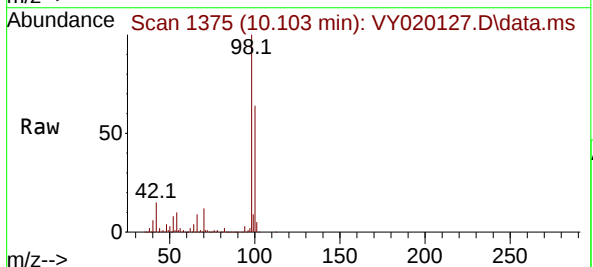
Acq: 01 Nov 2024 18:17

Tgt Ion: 98 Resp: 441133

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

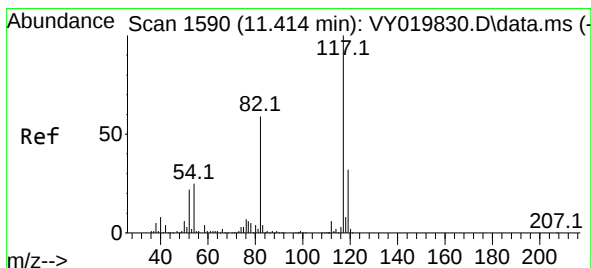
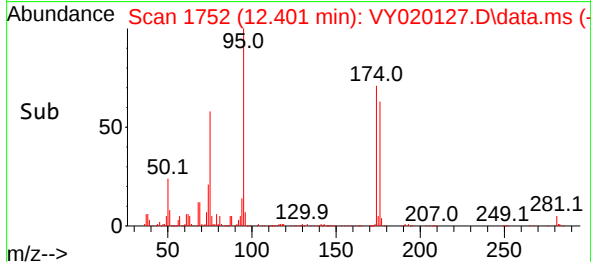
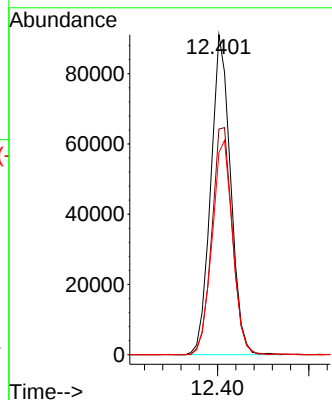
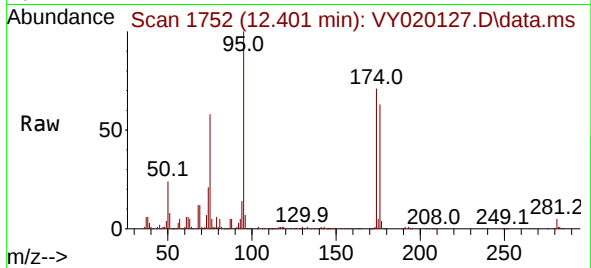




#62
4-Bromofluorobenzene
Concen: 47.872 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

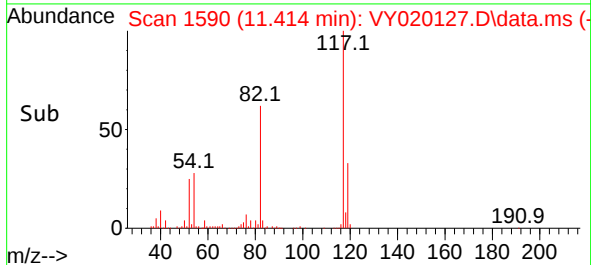
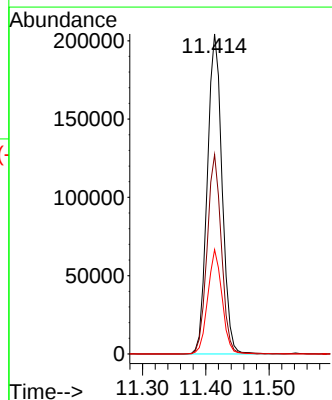
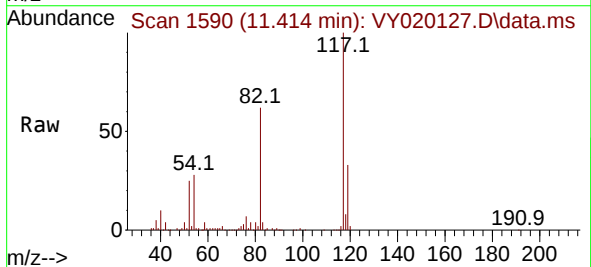
Instrument :
MSVOA_Y
ClientSampleId :

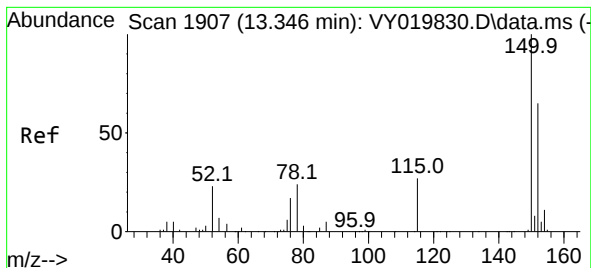
Tgt Ion: 95 Resp: 136978
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 69.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

Tgt Ion: 117 Resp: 331180
Ion Ratio Lower Upper
117 100
82 62.3 42.4 63.6
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020127.D

Acq: 01 Nov 2024 18:17

Instrument :

MSVOA_Y

ClientSampleId :

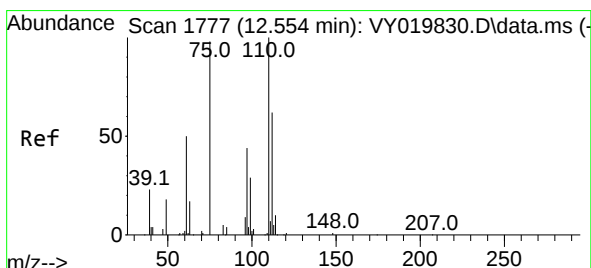
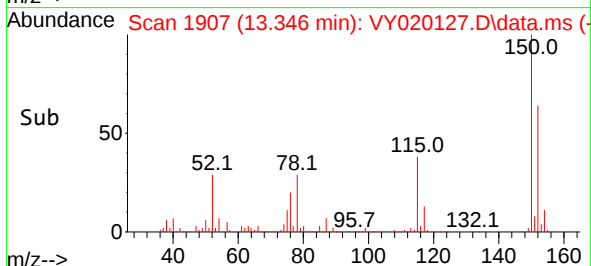
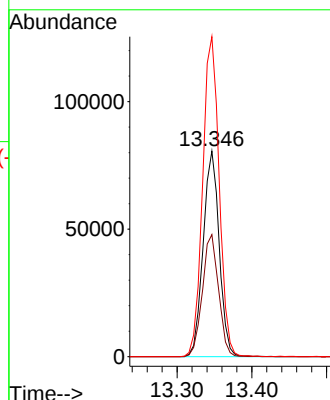
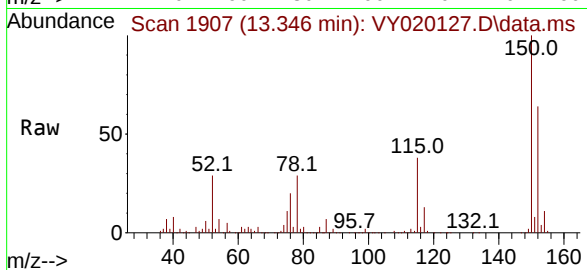
Tgt Ion:152 Resp: 119790

Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 160.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 72.278 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020127.D

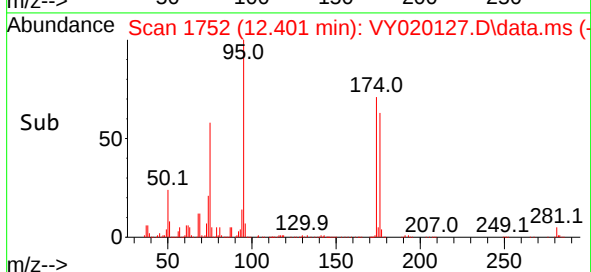
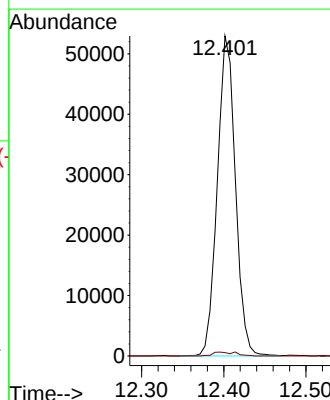
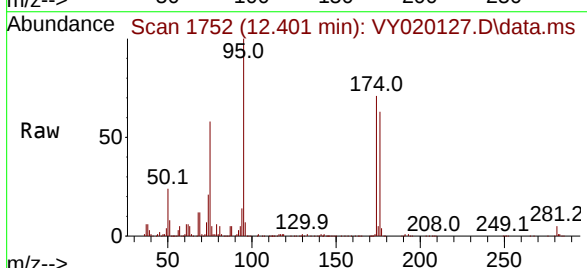
Acq: 01 Nov 2024 18:17

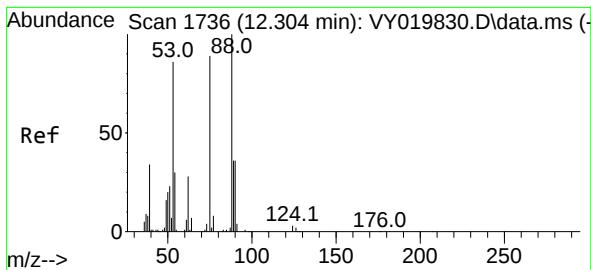
Tgt Ion: 75 Resp: 81161

Ion Ratio Lower Upper

75 100

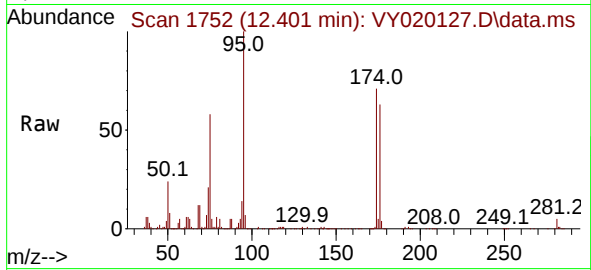
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 155.467 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 81161
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.0 35.8 53.6#

