

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020287.D
 Acq On : 13 Nov 2024 16:49
 Operator : SY/MD
 Sample : P4823-03
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 01:00:04 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)

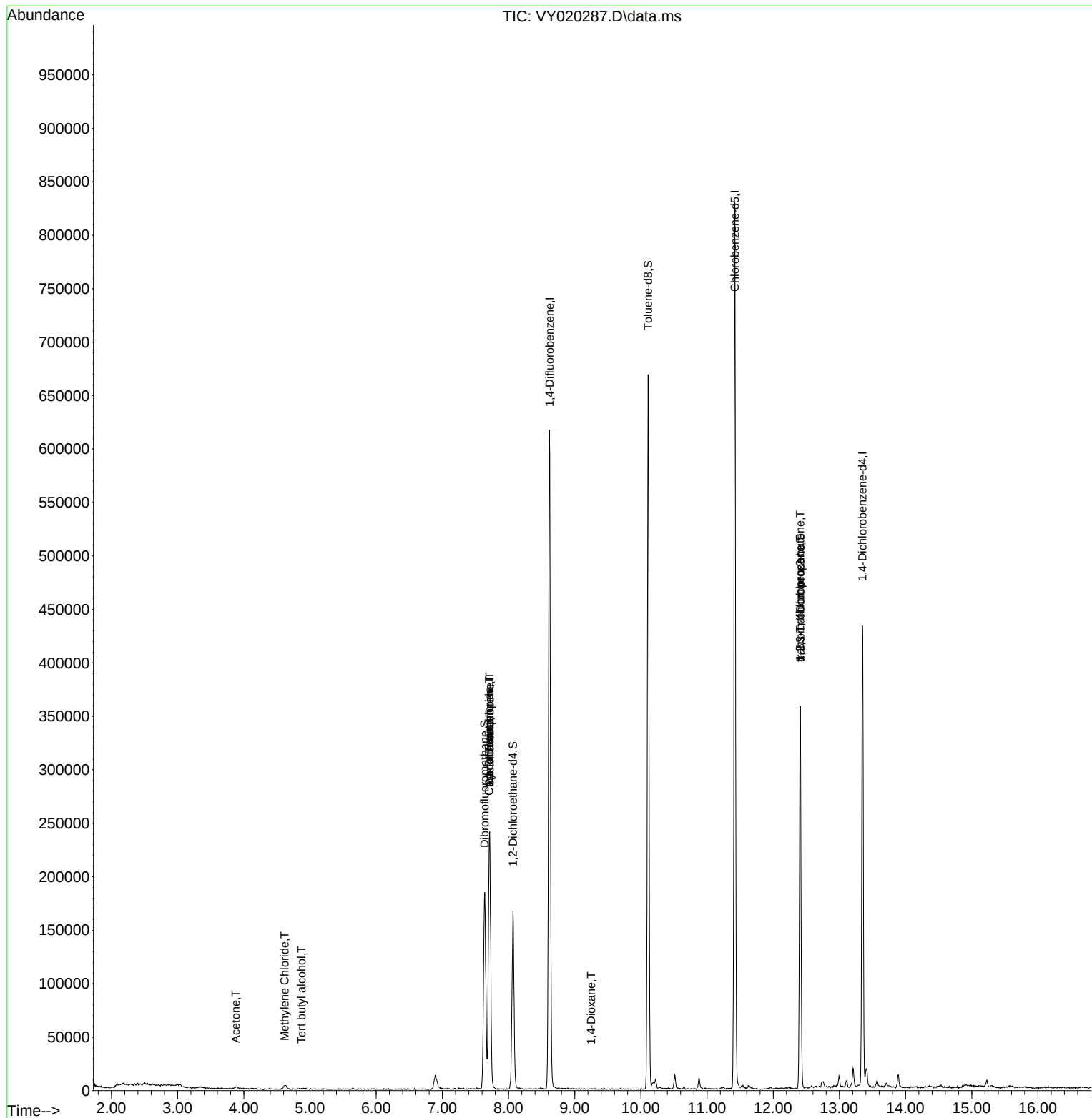
Internal Standards						
1) Pentafluorobenzene	7.713	168	182380	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	495057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	406878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	103280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	120063	52.747	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 105.500%		
35) Dibromofluoromethane	7.640	113	130535	41.472	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 82.940%		
50) Toluene-d8	10.109	98	410737	32.784	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 65.560%		
62) 4-Bromofluorobenzene	12.408	95	111162	27.316	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 54.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	409	2.498	ug/l #	88
16) Acetone	3.879	43	2664	5.033	ug/l #	52
20) Methylene Chloride	4.616	84	2599	1.093	ug/l #	87
31) Cyclohexane	7.713	56	5082	1.230	ug/l #	50
36) 1,1-Dichloropropene	7.713	75	17319	3.562	ug/l #	48
38) Carbon Tetrachloride	7.707	117	19163	3.919	ug/l #	17
49) 1,4-Dioxane	9.250	88	39	2.059	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	62457	64.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	62457	138.764	ug/l #	16

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

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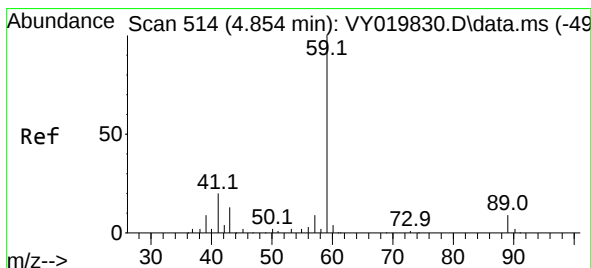
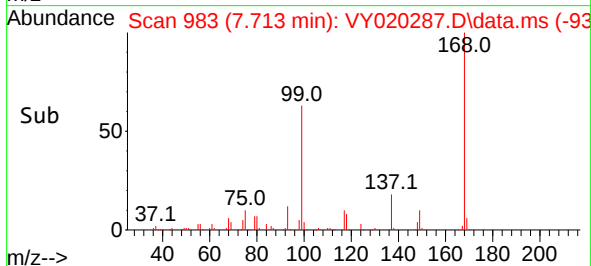
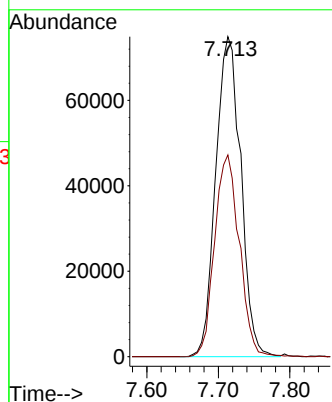
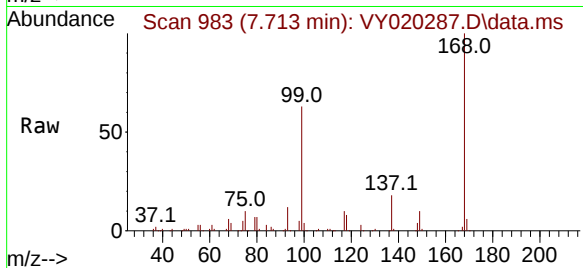




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

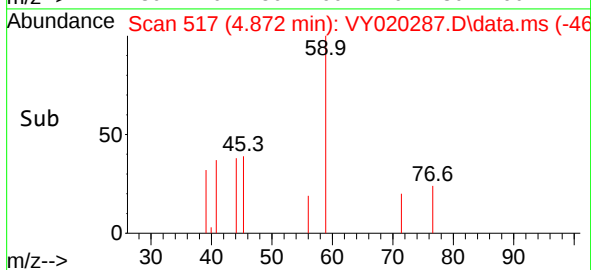
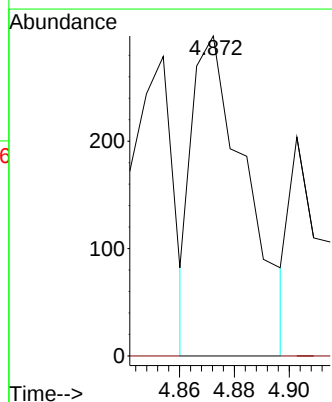
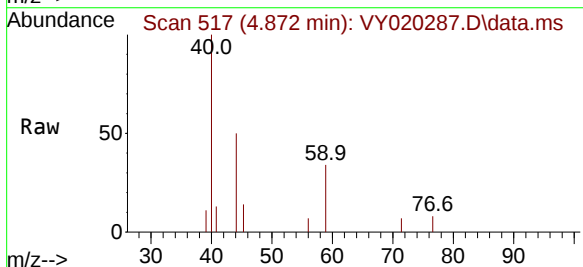
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 182380
Ion Ratio Lower Upper
168 100
99 63.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.498 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.033 ug/l

RT: 3.879 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY020287.D

Acq: 13 Nov 2024 16:49

Instrument :

MSVOA_Y

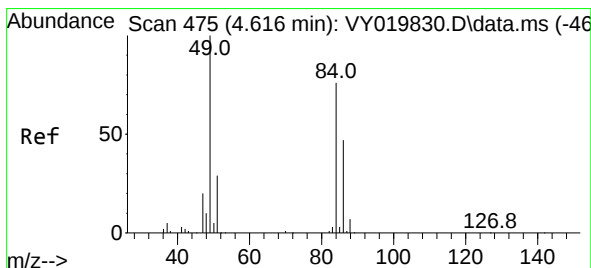
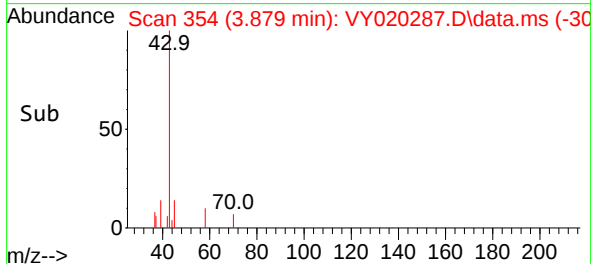
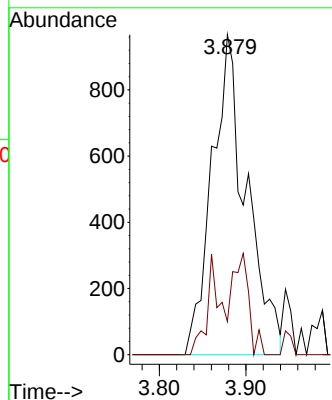
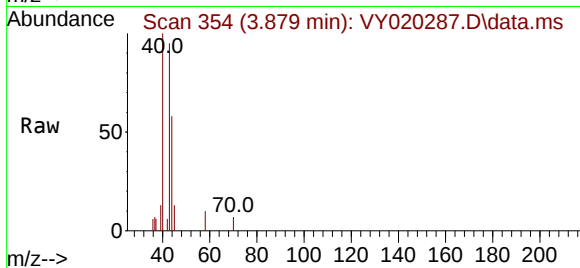
ClientSampleId :

Tgt Ion: 43 Resp: 2664

Ion Ratio Lower Upper

43 100

58 10.3 31.7 47.5#



#20

Methylene Chloride

Concen: 1.093 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020287.D

Acq: 13 Nov 2024 16:49

Tgt Ion: 84 Resp: 2599

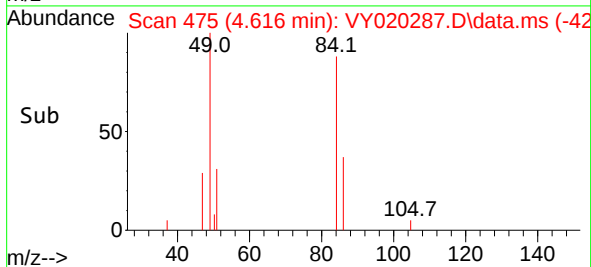
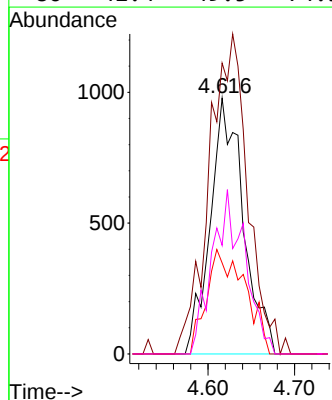
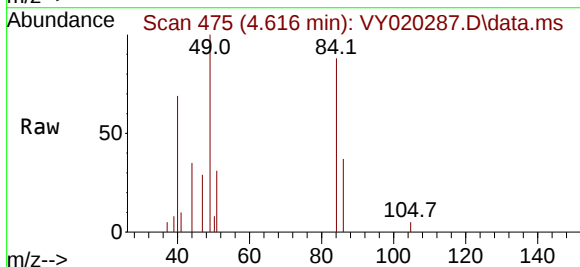
Ion Ratio Lower Upper

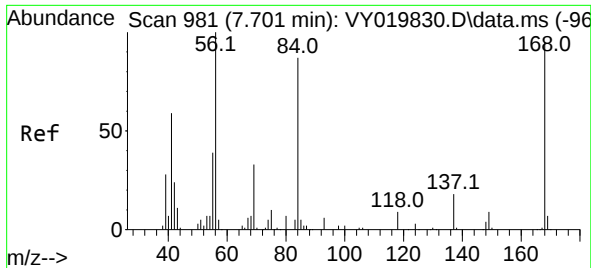
84 100

49 113.7 84.4 126.6

51 35.6 26.0 39.0

86 42.4 49.5 74.3#

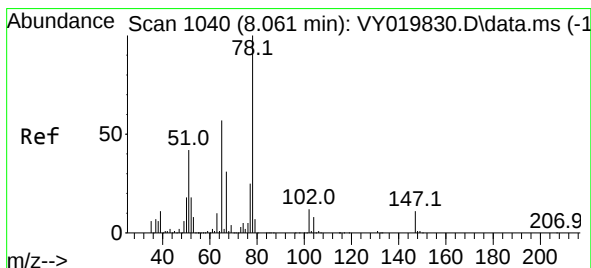
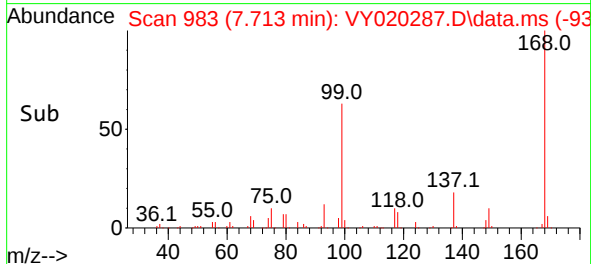
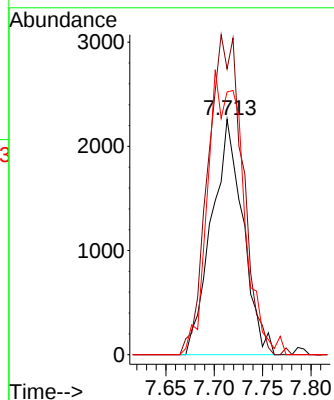
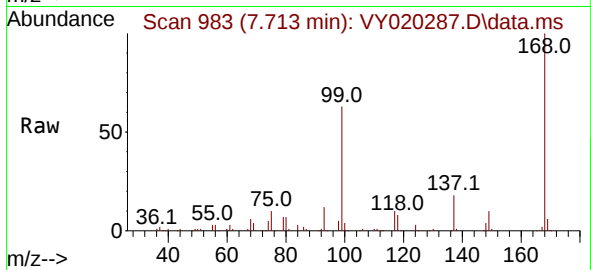




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

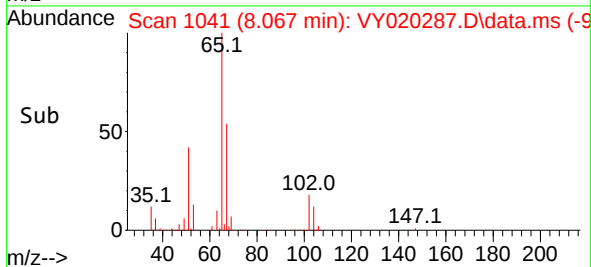
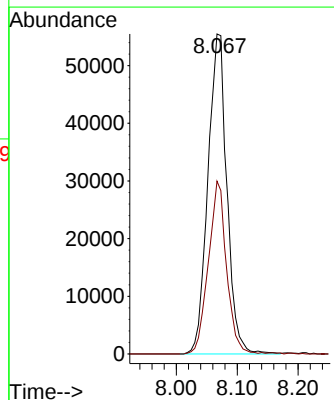
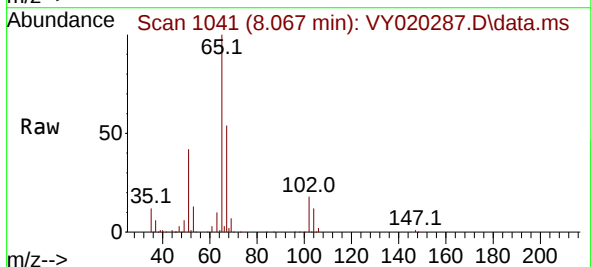
Instrument :
MSVOA_Y
ClientSampleId :

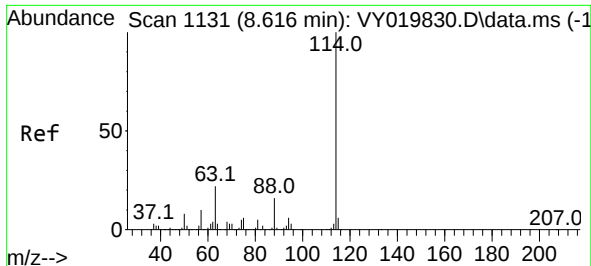
Tgt Ion: 56 Resp: 5082
Ion Ratio Lower Upper
56 100
69 121.5 28.7 43.1#
84 111.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 52.747 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

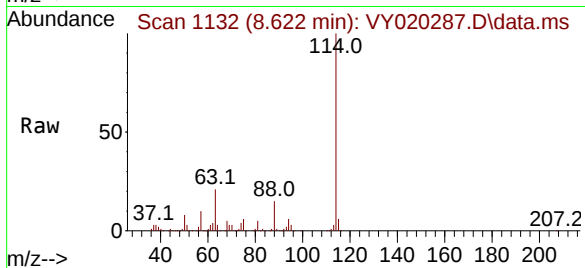
Tgt Ion: 65 Resp: 120063
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6



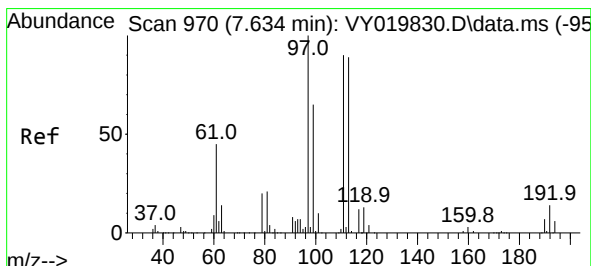
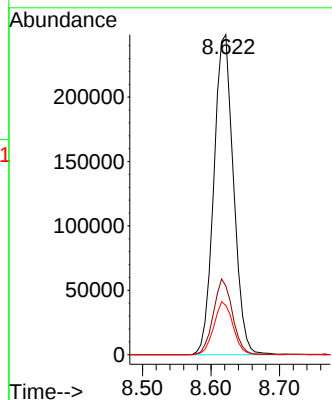
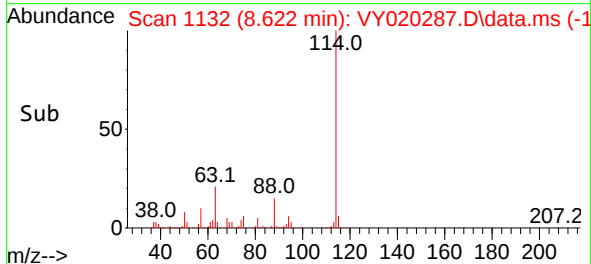


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

Instrument :
MSVOA_Y
ClientSampleId :

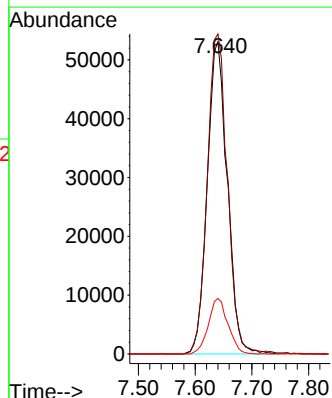
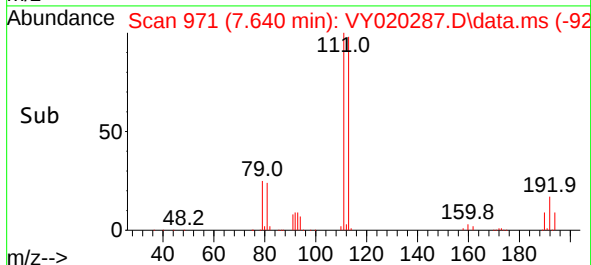
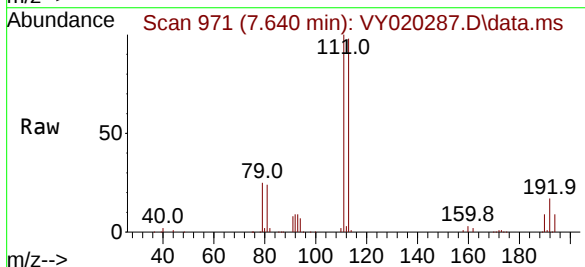


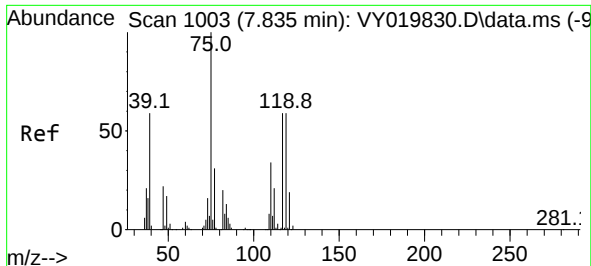
Tgt Ion:114 Resp: 495057
Ion Ratio Lower Upper
114 100
63 21.5 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 41.472 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

Tgt Ion:113 Resp: 130535
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 3.562 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

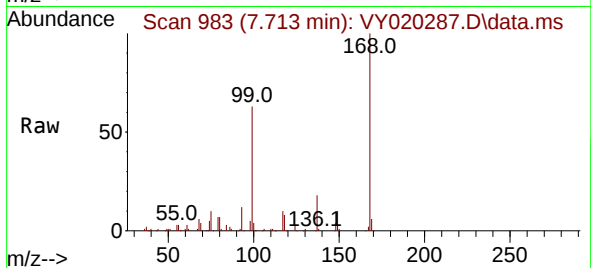
Lab File: VY020287.D

Acq: 13 Nov 2024 16:49

Instrument :

MSVOA_Y

ClientSampleId :



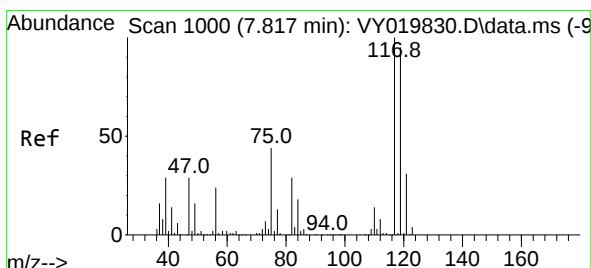
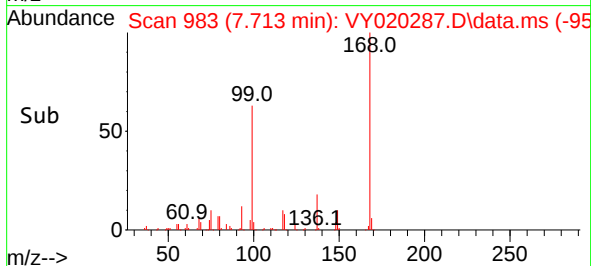
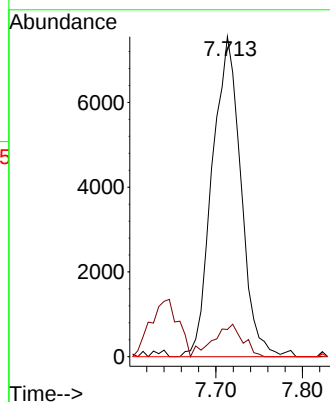
Tgt Ion: 75 Resp: 17319

Ion Ratio Lower Upper

75 100

110 9.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 3.919 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020287.D

Acq: 13 Nov 2024 16:49

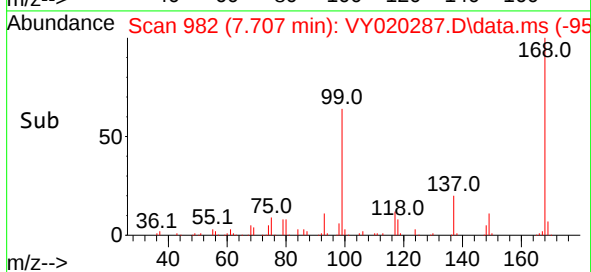
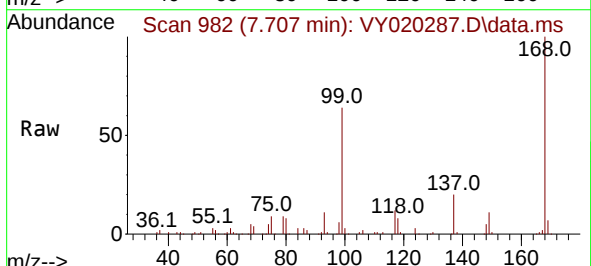
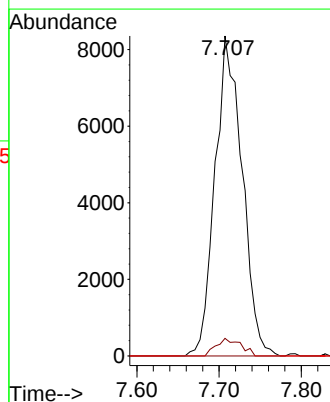
Tgt Ion: 117 Resp: 19163

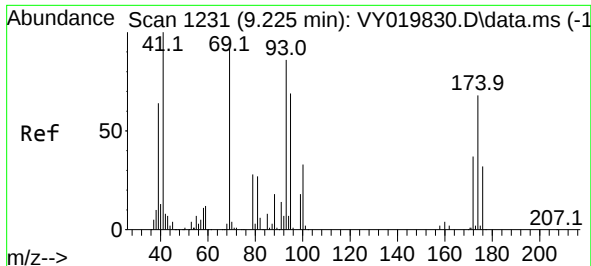
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.059 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.019 min

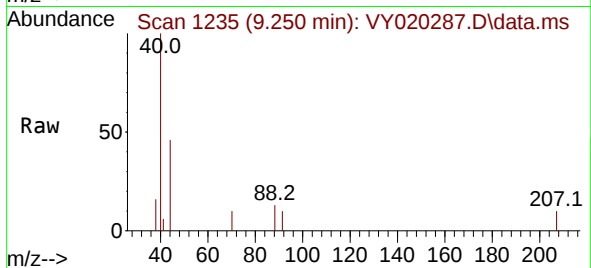
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Acq: 13 Nov 2024 16:49

Instrument :

MSVOA_Y

ClientSampleId :



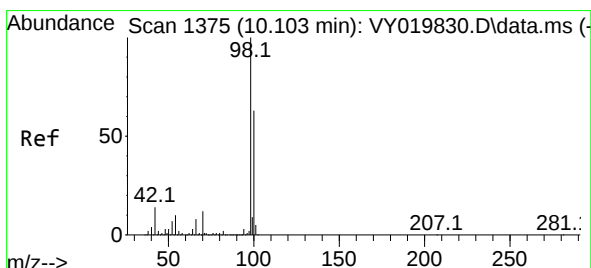
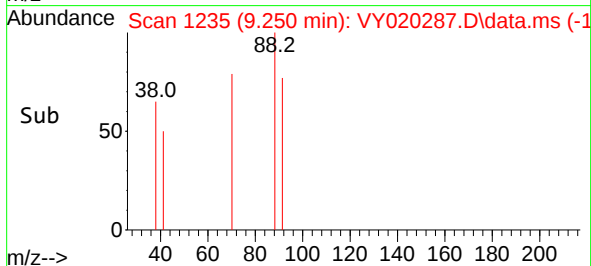
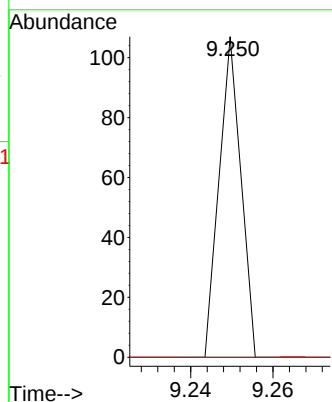
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 32.784 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020287.D

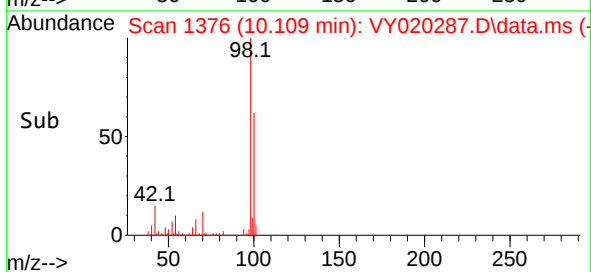
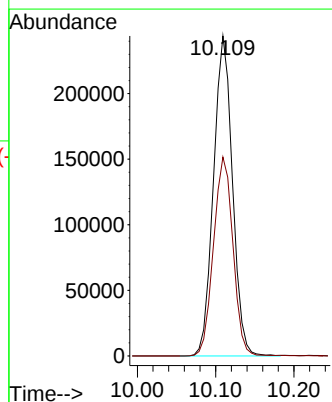
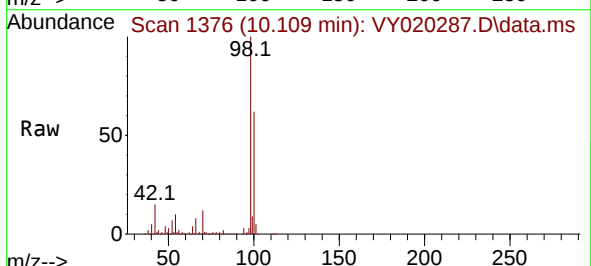
Acq: 13 Nov 2024 16:49

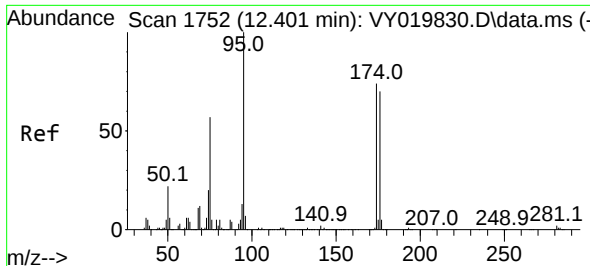
Tgt Ion: 98 Resp: 410737

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

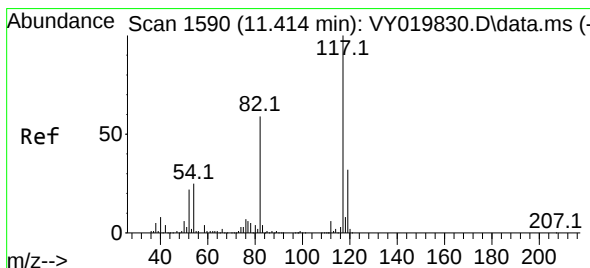
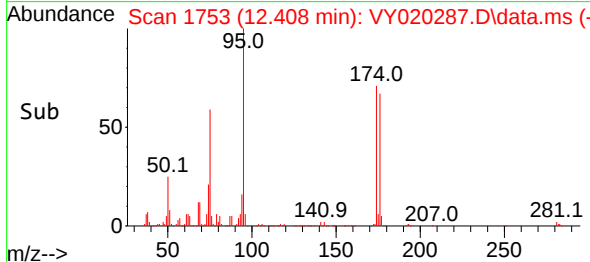
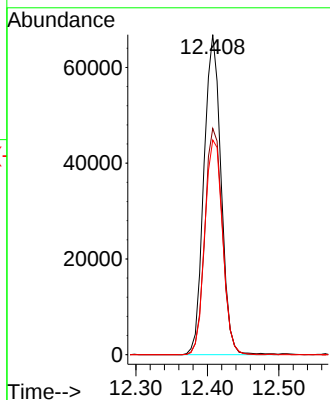
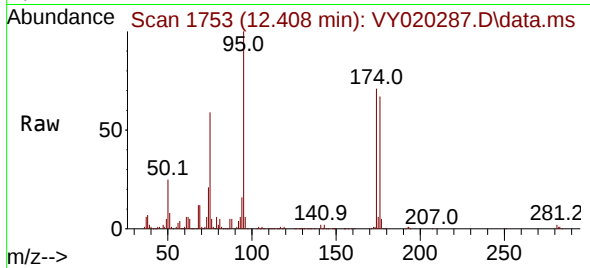




#62
4-Bromofluorobenzene
Concen: 27.316 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

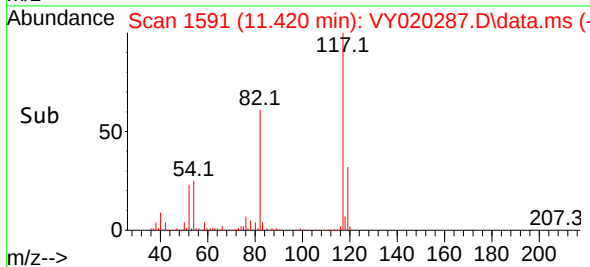
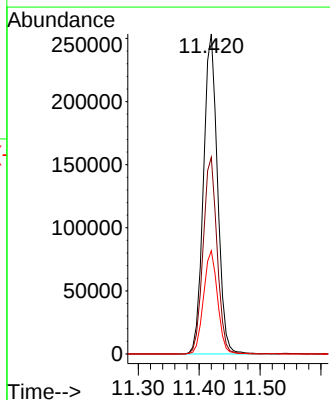
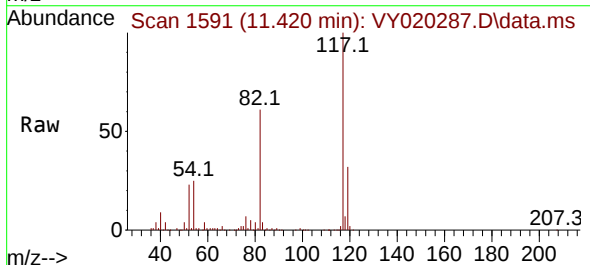
Instrument :
MSVOA_Y
ClientSampleId :

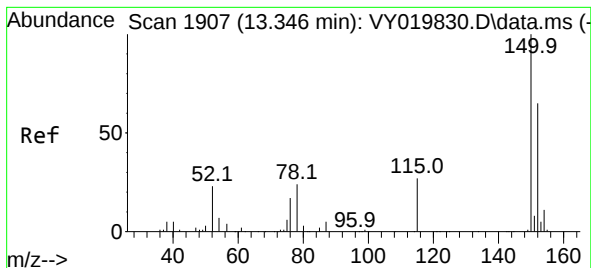
Tgt Ion: 95 Resp: 111162
Ion Ratio Lower Upper
95 100
174 72.2 0.0 175.6
176 69.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

Tgt Ion: 117 Resp: 406878
Ion Ratio Lower Upper
117 100
82 61.4 42.4 63.6
119 32.3 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: VY020287.D

Acq: 13 Nov 2024 16:49

Instrument :

MSVOA_Y

ClientSampleId :

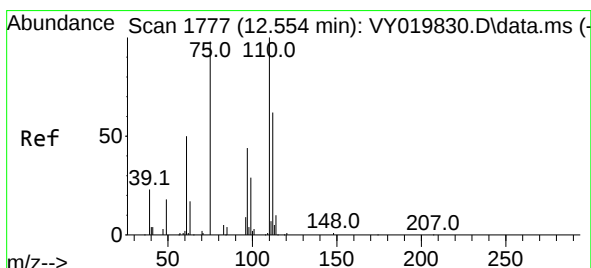
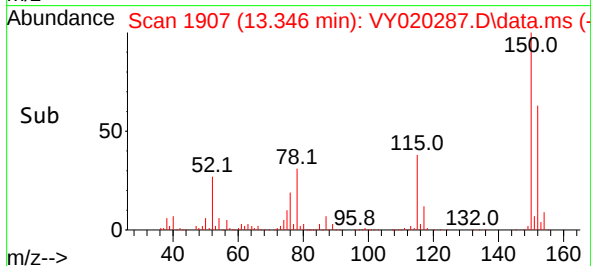
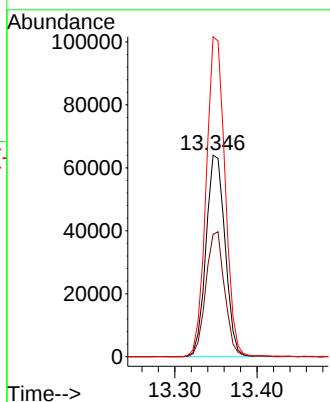
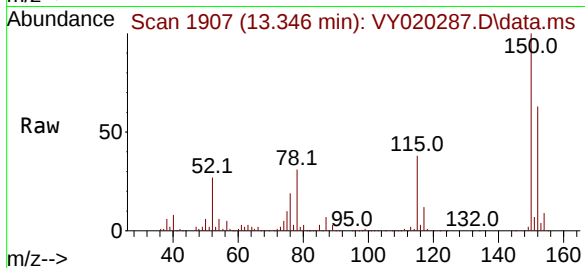
Tgt Ion:152 Resp: 103280

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 156.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.512 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020287.D

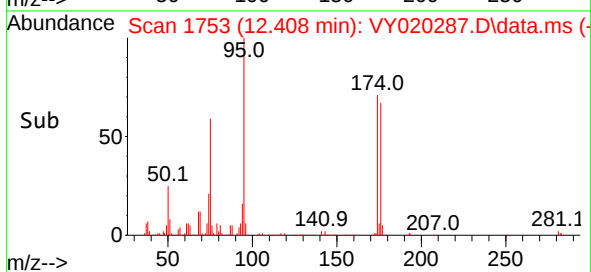
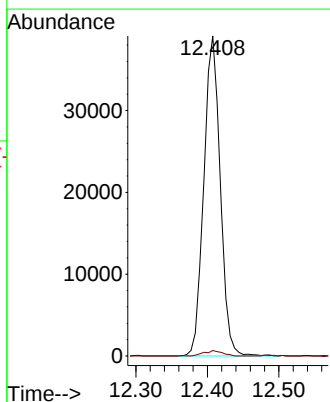
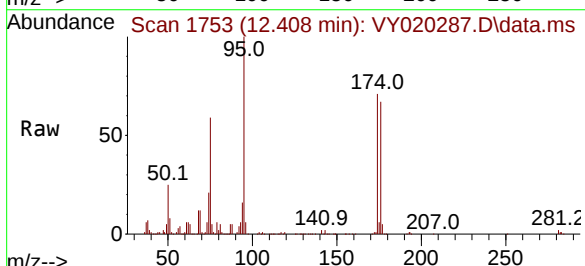
Acq: 13 Nov 2024 16:49

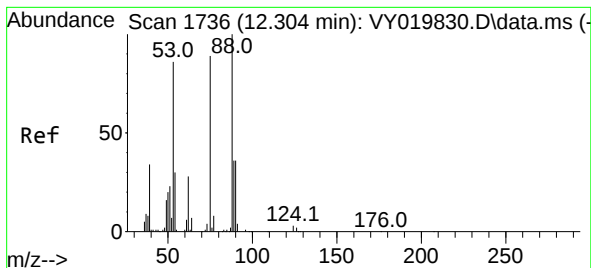
Tgt Ion: 75 Resp: 62457

Ion Ratio Lower Upper

75 100

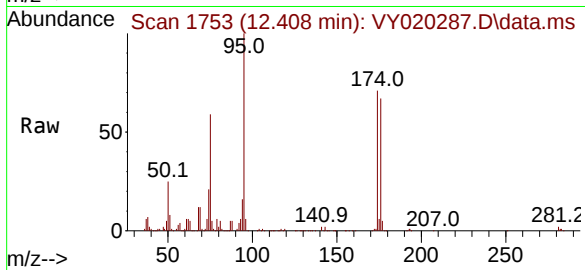
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.764 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020287.D
 Acq: 13 Nov 2024 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 62457
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.0 35.8 53.6#

