

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020150.D
 Acq On : 04 Nov 2024 18:07
 Operator : SY/MD
 Sample : P4693-03
 Misc : 3.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:36:11 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)

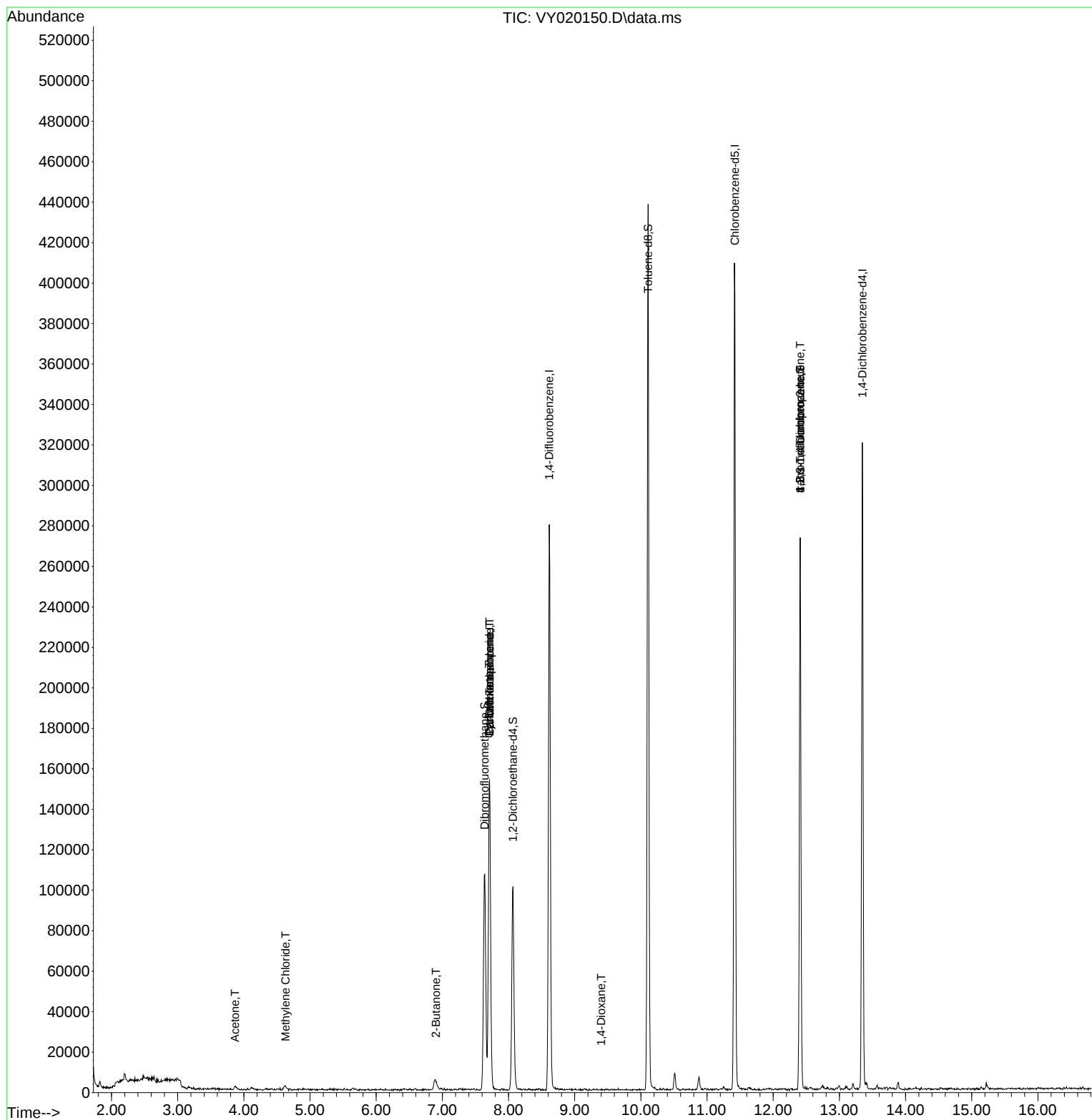
Internal Standards						
1) Pentafluorobenzene	7.713	168	106343	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	218369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	197276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	71238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78107	58.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.700%
35) Dibromofluoromethane	7.640	113	73550	52.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.109	98	268920	48.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.408	95	78371	43.660	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.320%
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	2825	9.153	ug/l #	72
20) Methylene Chloride	4.629	84	1500	1.082	ug/l #	83
25) 2-Butanone	6.903	43	1107	2.646	ug/l #	41
31) Cyclohexane	7.707	56	3347	1.390	ug/l #	55
36) 1,1-Dichloropropene	7.713	75	10509	4.900	ug/l #	48
38) Carbon Tetrachloride	7.713	117	12389	5.744	ug/l #	16
49) 1,4-Dioxane	9.402	88	20	2.394	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	46681	69.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	46681	150.362	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
Data File : VY020150.D
Acq On : 04 Nov 2024 18:07
Operator : SY/MD
Sample : P4693-03
Misc : 3.55g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 05 00:36:11 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

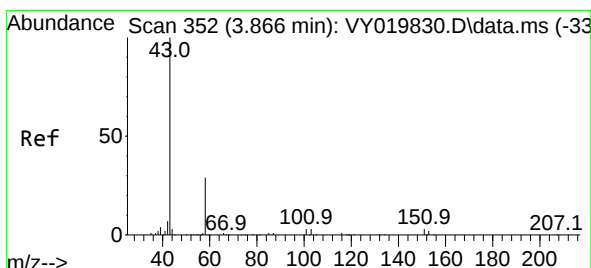
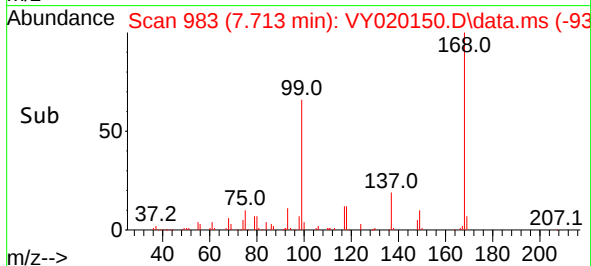
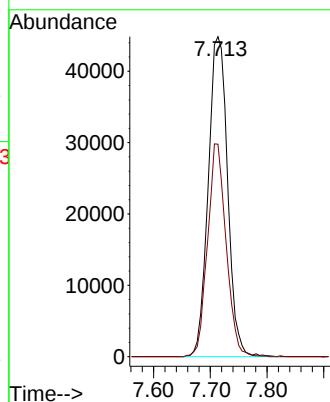
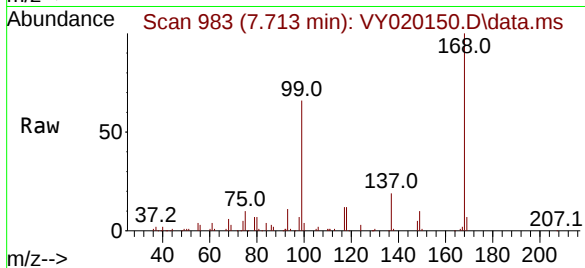




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

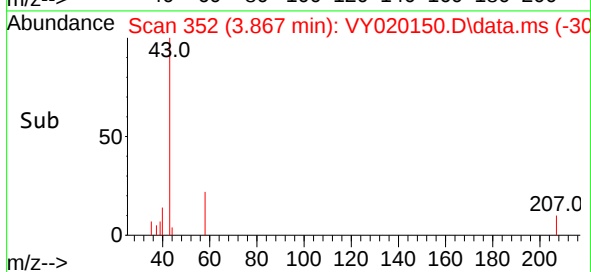
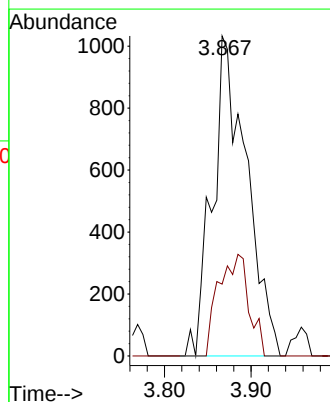
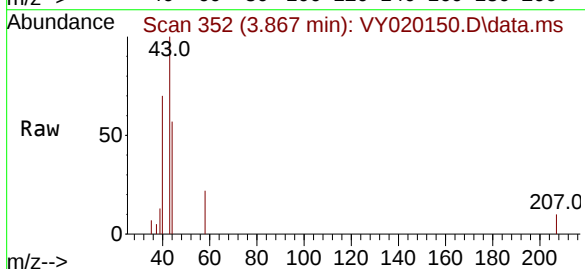
Instrument :
MSVOA_Y
ClientSampleId :

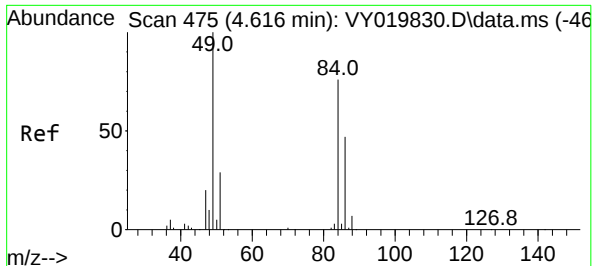
Tgt Ion:168 Resp: 106343
Ion Ratio Lower Upper
168 100
99 66.4 39.1 58.7#



#16
Acetone
Concen: 9.153 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

Tgt Ion: 43 Resp: 2825
Ion Ratio Lower Upper
43 100
58 22.5 31.7 47.5#

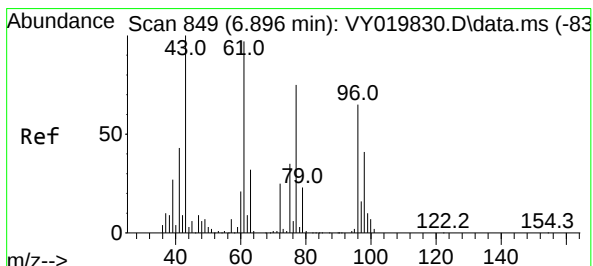
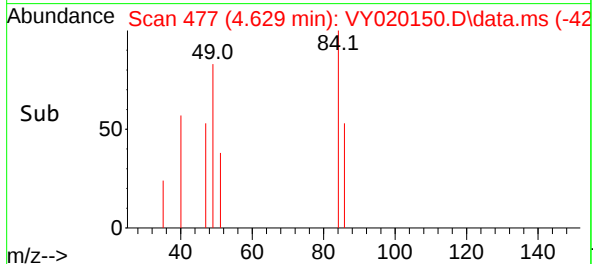
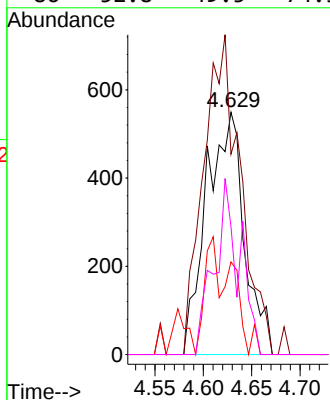
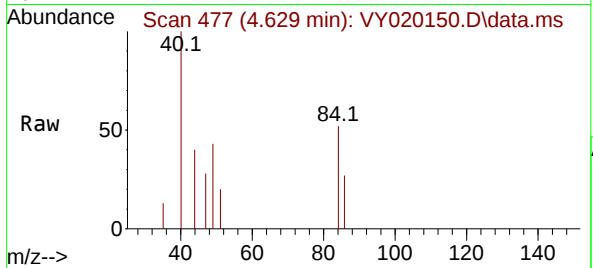




#20
Methylene Chloride
Concen: 1.082 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

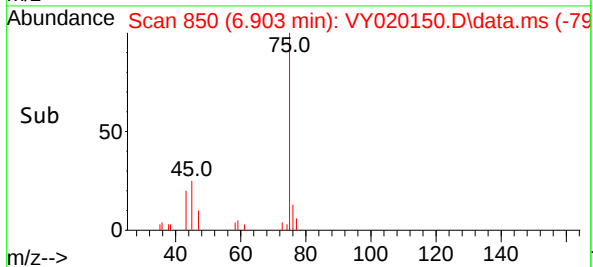
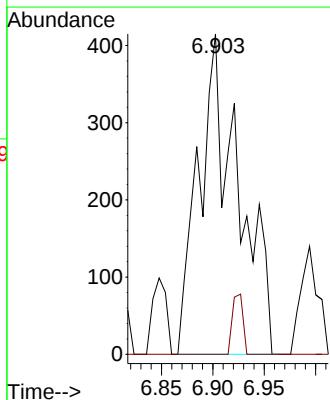
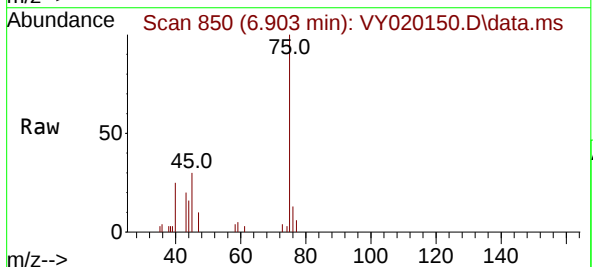
Instrument :
MSVOA_Y
ClientSampleId :

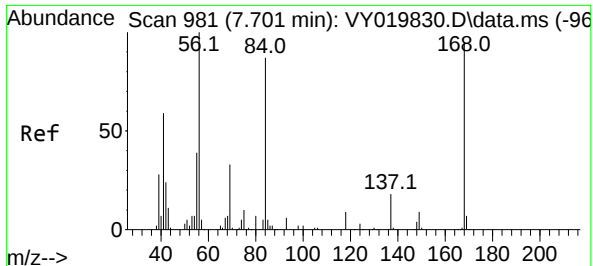
Tgt Ion:	84	Resp:	1500
Ion	Ratio	Lower	Upper
84	100		
49	82.7	84.4	126.6#
51	38.3	26.0	39.0
86	52.8	49.5	74.3



#25
2-Butanone
Concen: 2.646 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

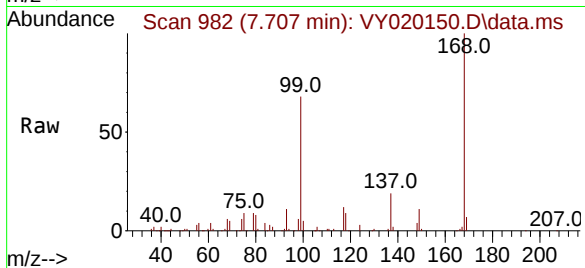
Tgt Ion:	43	Resp:	1107
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



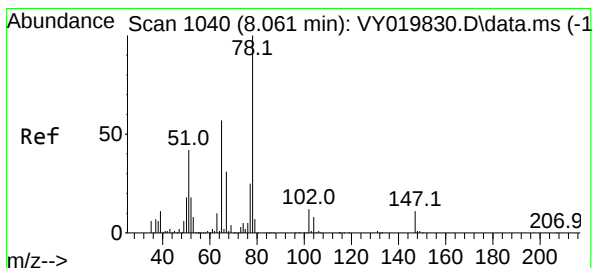
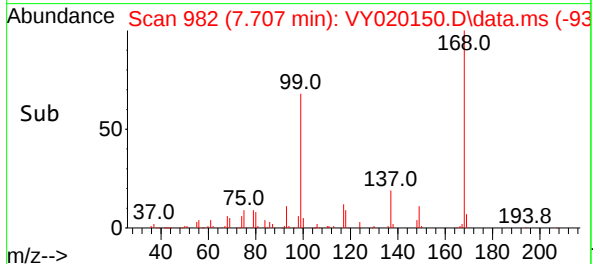
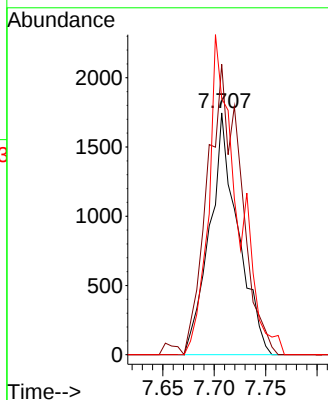


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

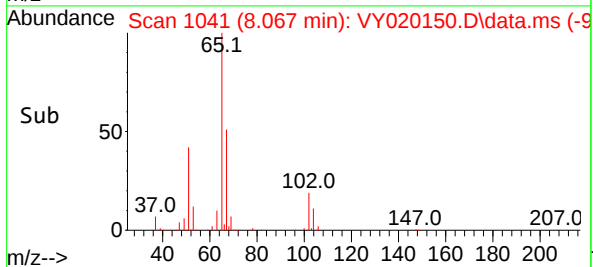
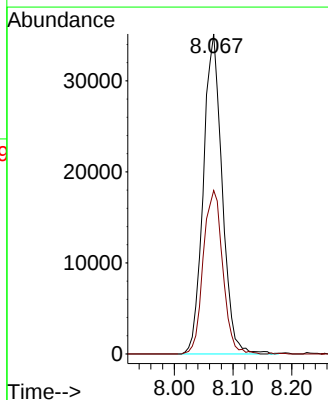
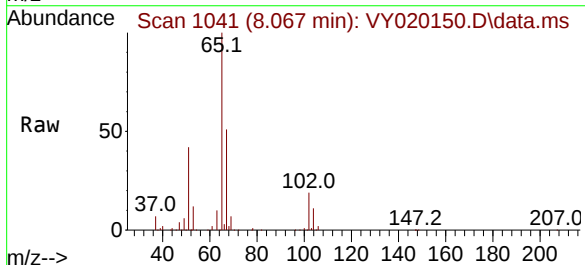


Tgt Ion: 56 Resp: 3347
Ion Ratio Lower Upper
56 100
69 120.1 28.7 43.1#
84 106.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 58.850 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

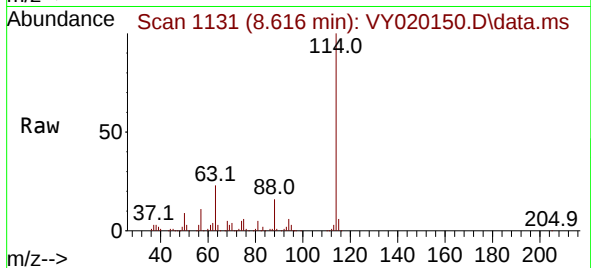
Tgt Ion: 65 Resp: 78107
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6



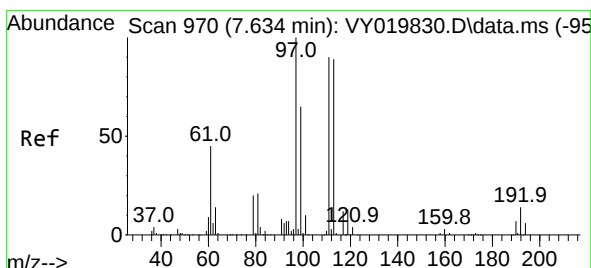
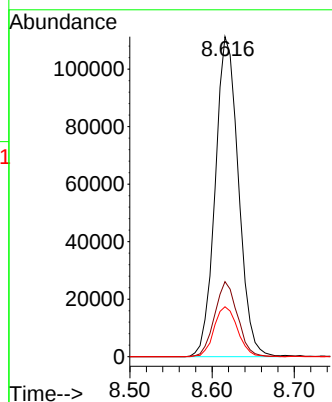
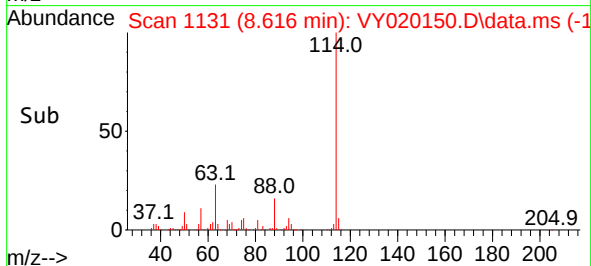


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

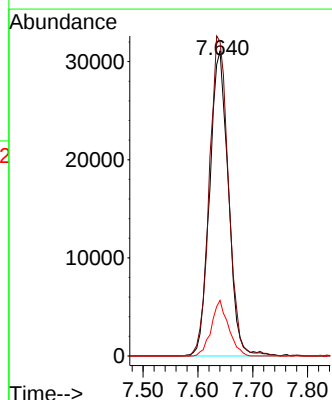
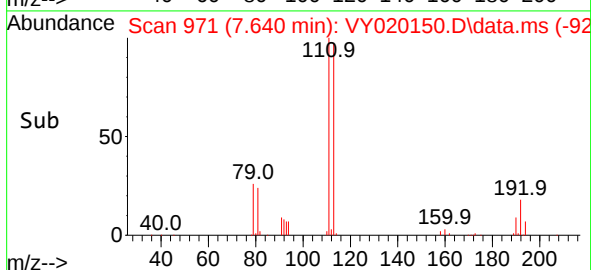
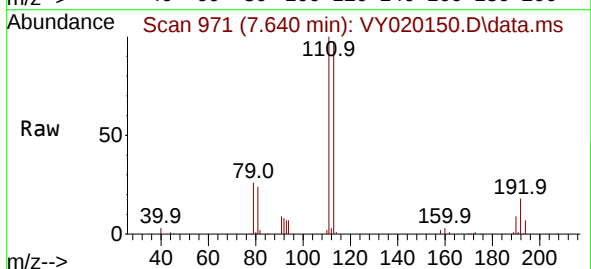


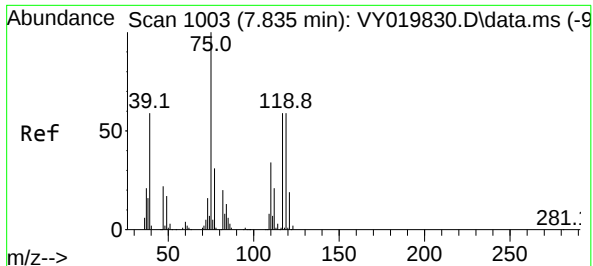
Tgt Ion:114 Resp: 218369
Ion Ratio Lower Upper
114 100
63 23.4 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.975 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

Tgt Ion:113 Resp: 73550
Ion Ratio Lower Upper
113 100
111 106.4 82.2 123.4
192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.900 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

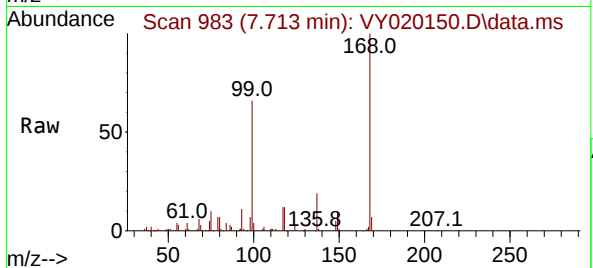
Lab File: VY020150.D

Acq: 04 Nov 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :



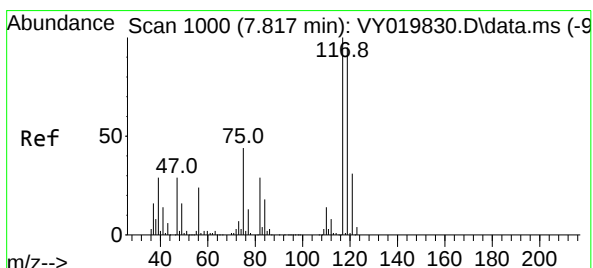
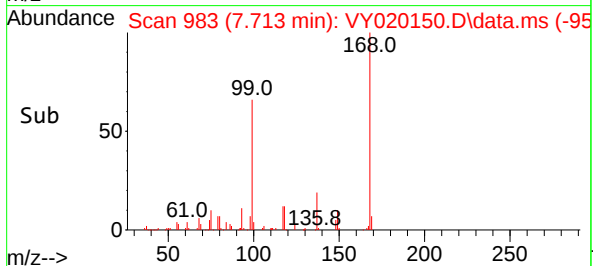
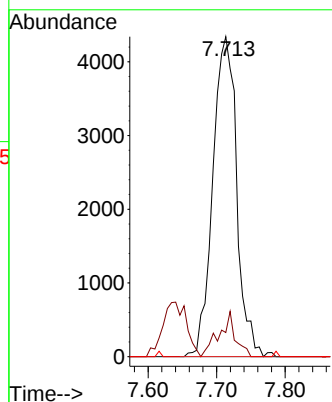
Tgt Ion: 75 Resp: 10509

Ion Ratio Lower Upper

75 100

110 9.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.744 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020150.D

Acq: 04 Nov 2024 18:07

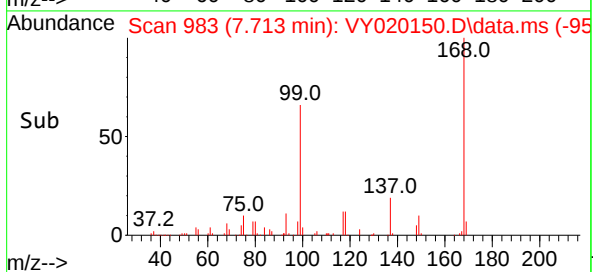
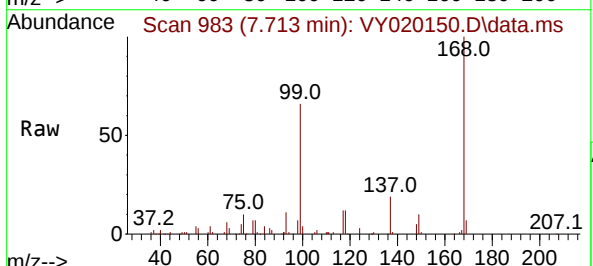
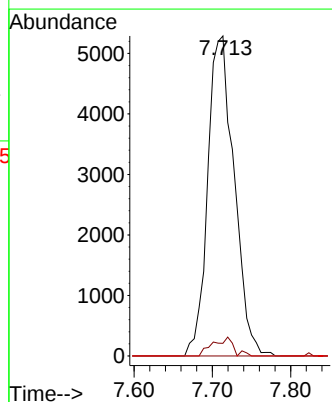
Tgt Ion: 117 Resp: 12389

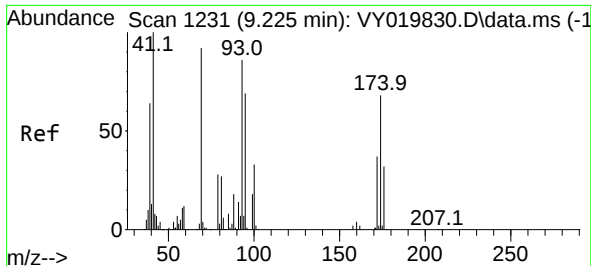
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.394 ug/l

RT: 9.402 min Scan# 11

Delta R.T. 0.171 min

Lab File: VY020150.D

Acq: 04 Nov 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

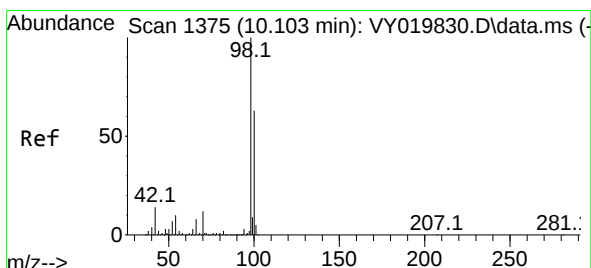
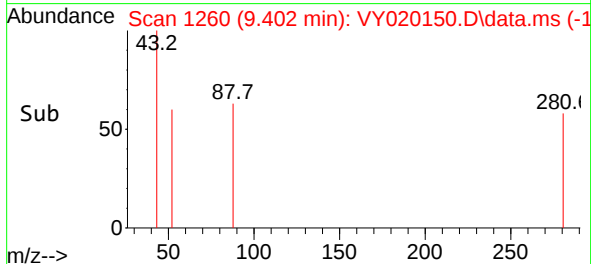
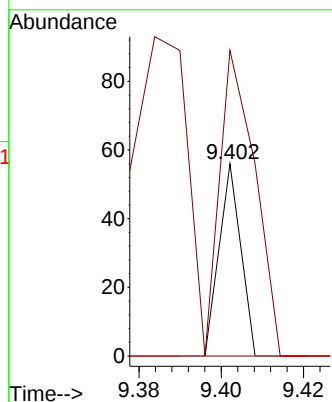
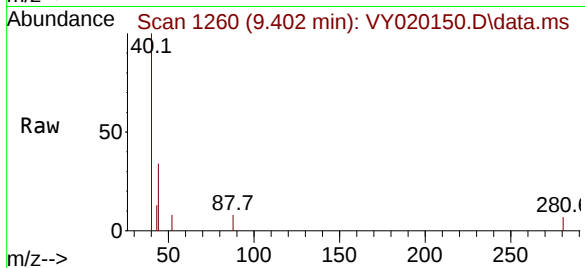
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 265.0 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 48.661 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020150.D

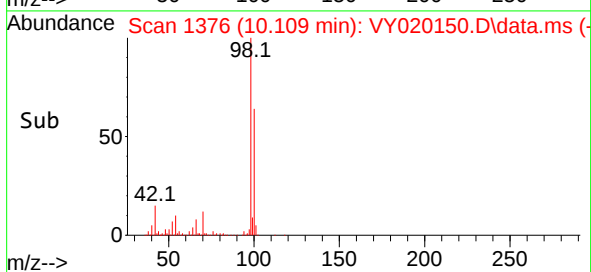
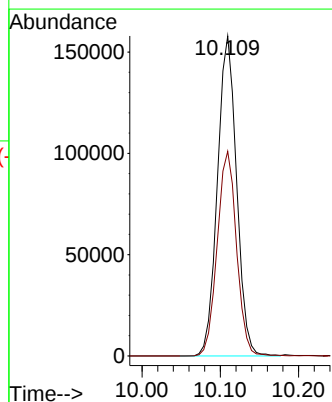
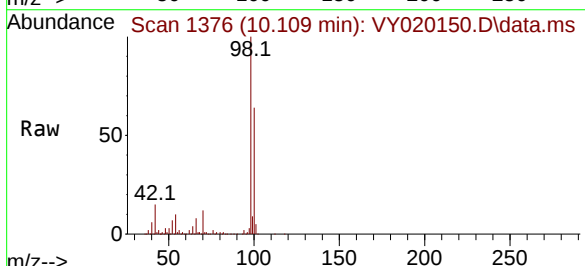
Acq: 04 Nov 2024 18:07

Tgt Ion: 98 Resp: 268920

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

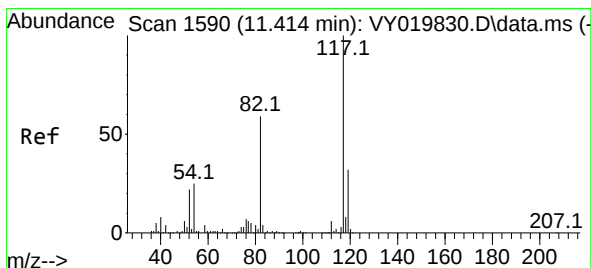
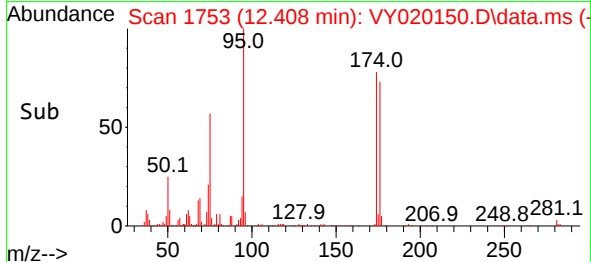
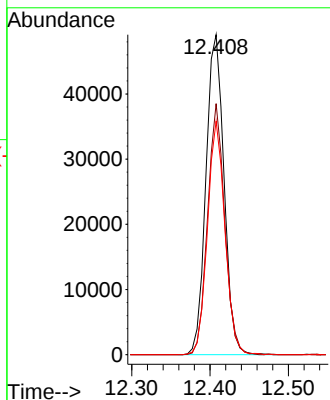
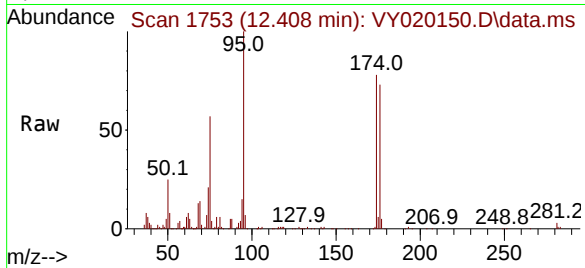




#62
4-Bromofluorobenzene
Concen: 43.660 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

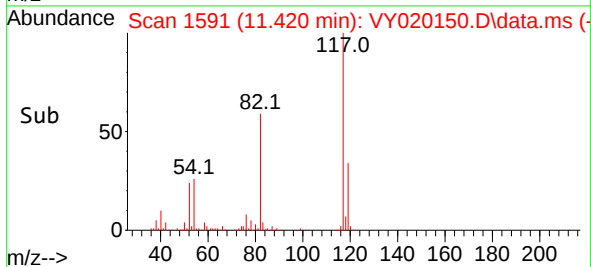
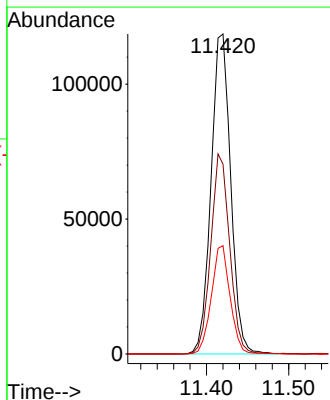
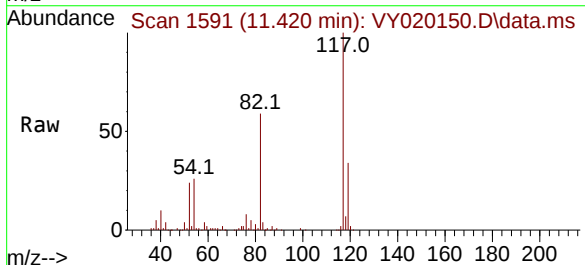
Instrument :
MSVOA_Y
ClientSampleId :

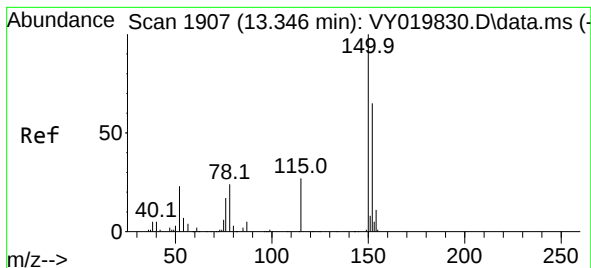
Tgt Ion: 95 Resp: 78371
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 70.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

Tgt Ion: 117 Resp: 197276
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 33.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020150.D

Acq: 04 Nov 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

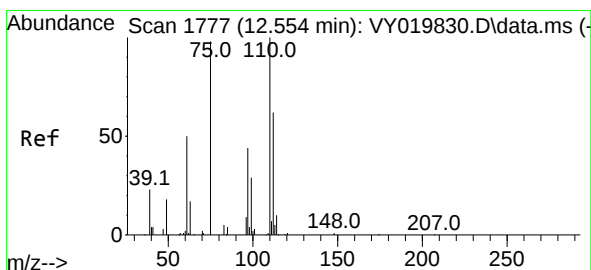
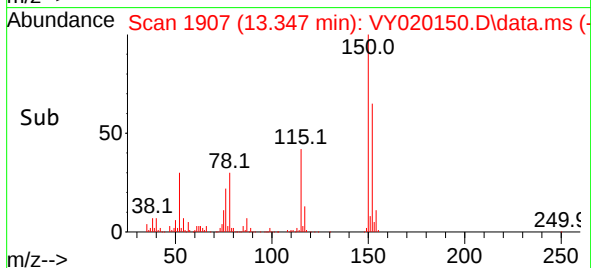
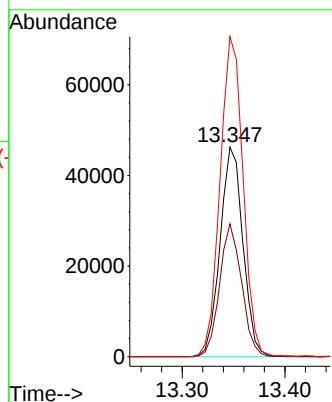
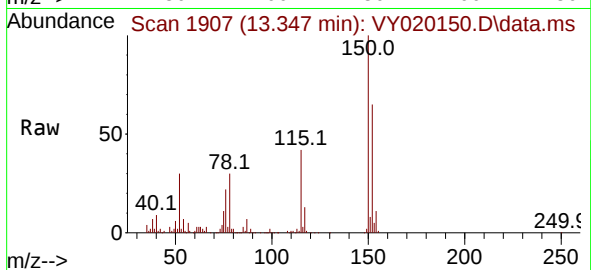
Tgt Ion:152 Resp: 71238

Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 153.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.905 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020150.D

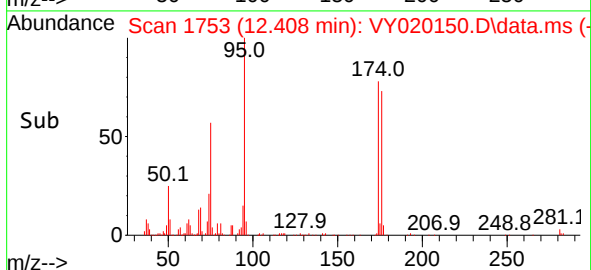
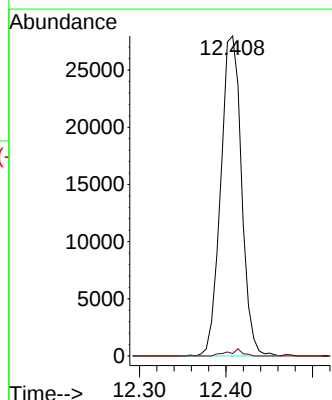
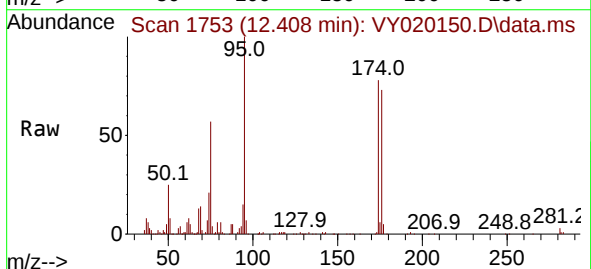
Acq: 04 Nov 2024 18:07

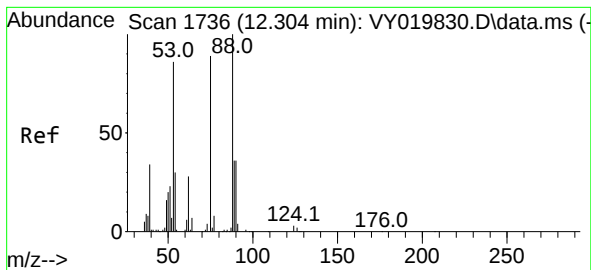
Tgt Ion: 75 Resp: 46681

Ion Ratio Lower Upper

75 100

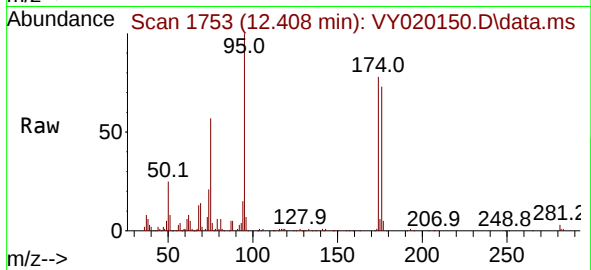
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.362 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020150.D
 Acq: 04 Nov 2024 18:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 46681
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.2 35.8 53.6#

