

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020183.D
 Acq On : 06 Nov 2024 15:53
 Operator : SY/MD
 Sample : P4667-15
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:27:44 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)

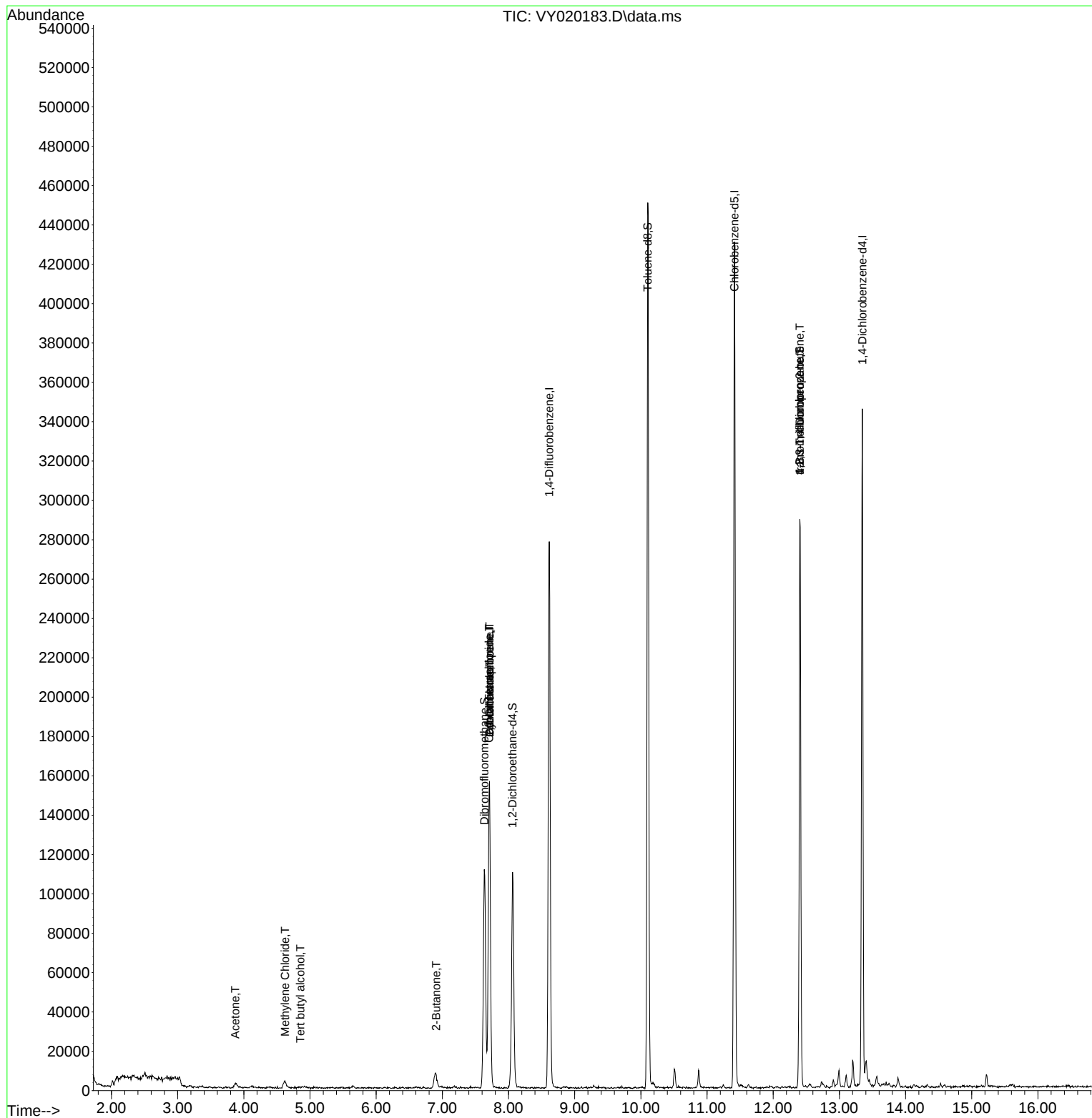
Internal Standards						
1) Pentafluorobenzene	7.713	168	108653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	225239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	210861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	74100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83003	61.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.420%	
35) Dibromofluoromethane	7.634	113	76244	53.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.103	98	280504	49.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.401	95	83967	45.350	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	321	3.291	ug/l	# 88
16) Acetone	3.872	43	4257	13.499	ug/l	# 85
20) Methylene Chloride	4.622	84	2242	1.583	ug/l	90
25) 2-Butanone	6.908	43	1542	3.607	ug/l	# 64
31) Cyclohexane	7.713	56	3323	1.350	ug/l	# 70
36) 1,1-Dichloropropene	7.713	75	11142	5.037	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	11882	5.341	ug/l	# 17
76) 1,2,3-Trichloropropane	12.401	75	50821	73.165	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	50821	157.375	ug/l	# 16

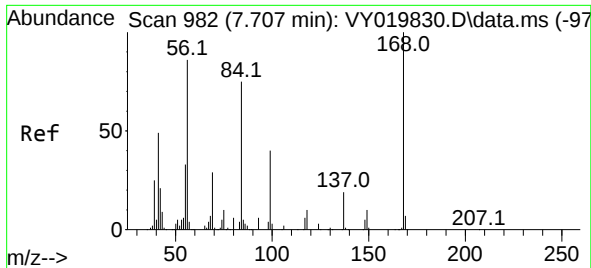
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
Data File : VY020183.D
Acq On : 06 Nov 2024 15:53
Operator : SY/MD
Sample : P4667-15
Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 07 00:27:44 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

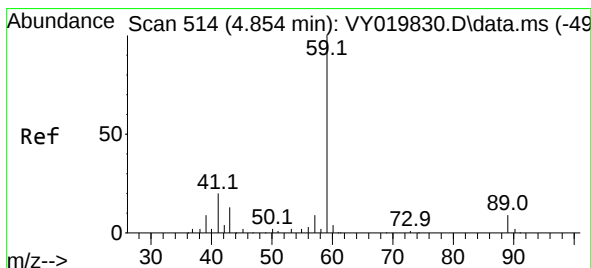
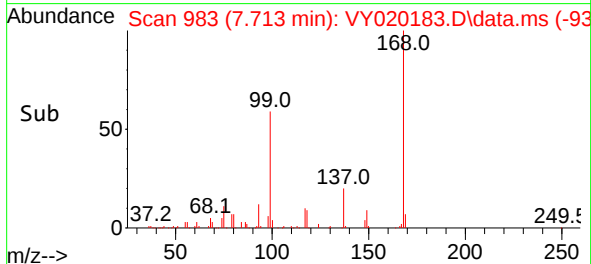
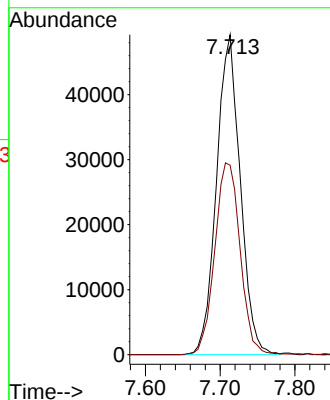
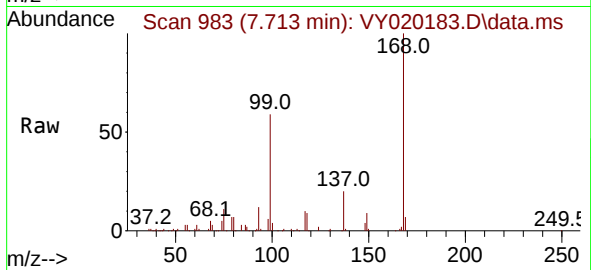




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

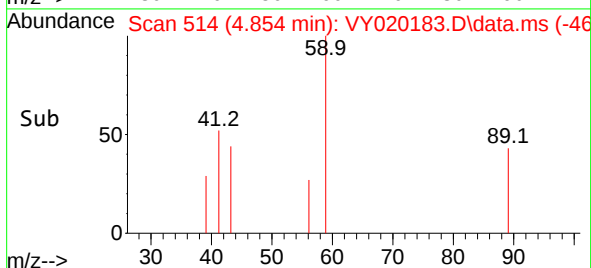
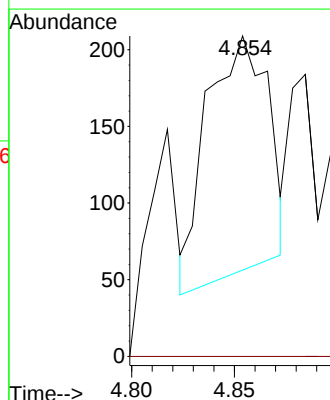
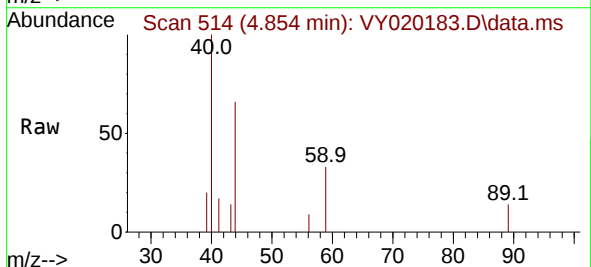
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 108653
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.291 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

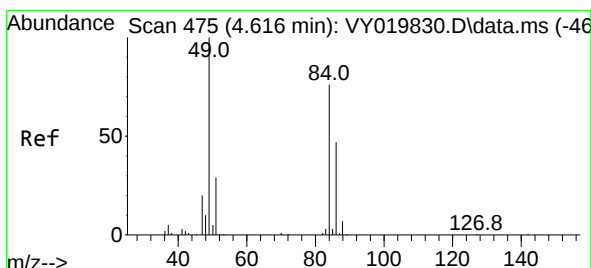
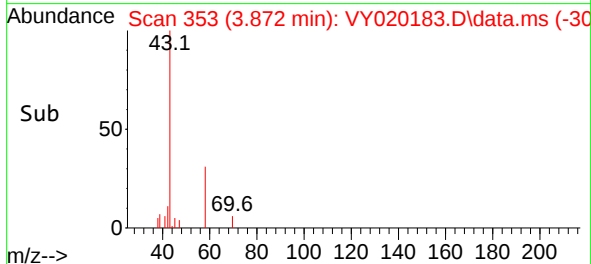
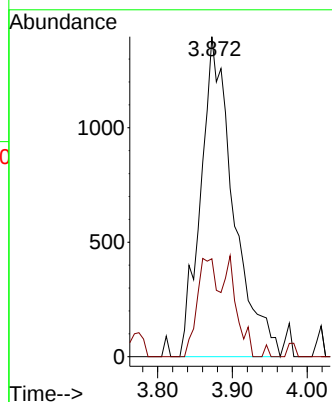
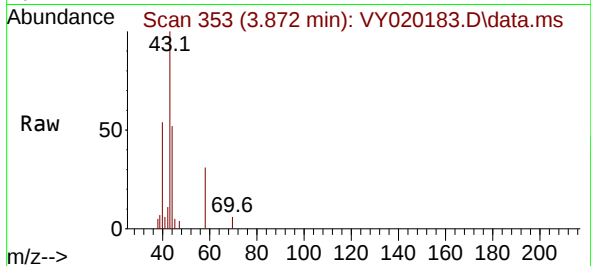




#16
Acetone
Concen: 13.499 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

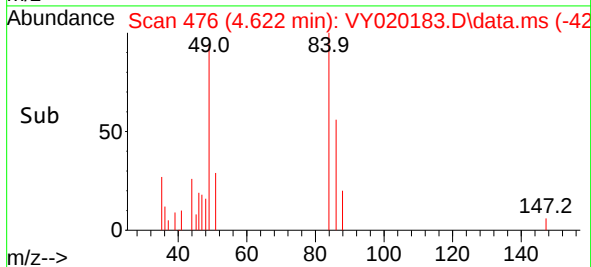
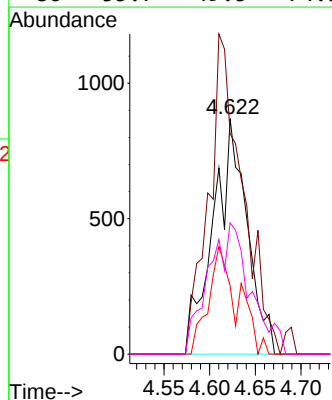
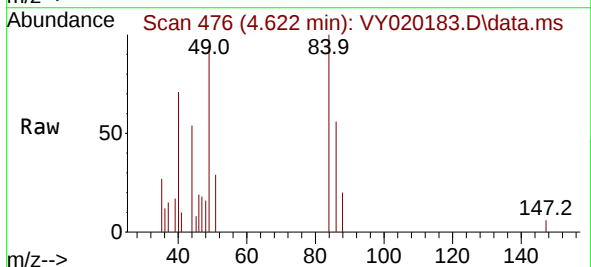
Instrument :
MSVOA_Y
ClientSampleId :

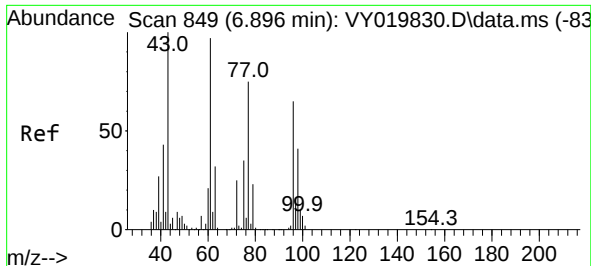
Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
58 30.6 31.7 47.5#



#20
Methylene Chloride
Concen: 1.583 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

Tgt Ion: 84 Resp: 2242
Ion Ratio Lower Upper
84 100
49 93.6 84.4 126.6
51 29.0 26.0 39.0
86 55.7 49.5 74.3





#25

2-Butanone

Concen: 3.607 ug/l

RT: 6.908 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY020183.D

Acq: 06 Nov 2024 15:53

Instrument :

MSVOA_Y

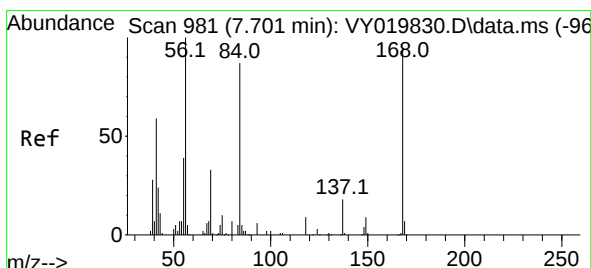
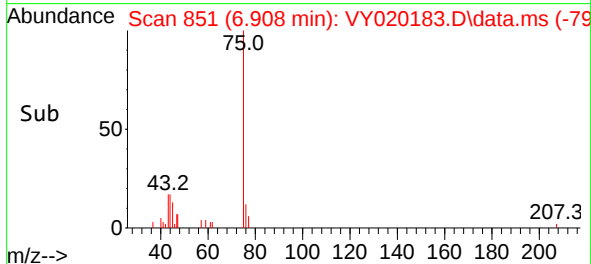
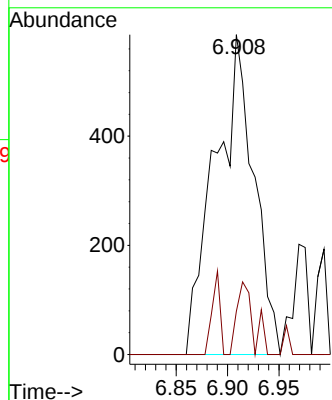
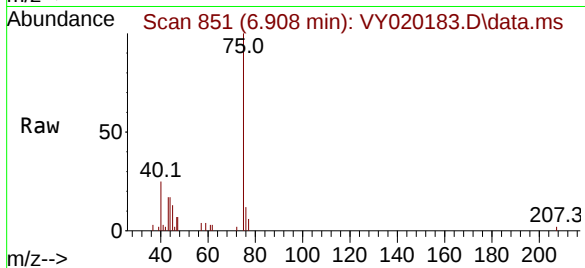
ClientSampleId :

Tgt Ion: 43 Resp: 1542

Ion Ratio Lower Upper

43 100

72 13.5 27.3 40.9#



#31

Cyclohexane

Concen: 1.350 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY020183.D

Acq: 06 Nov 2024 15:53

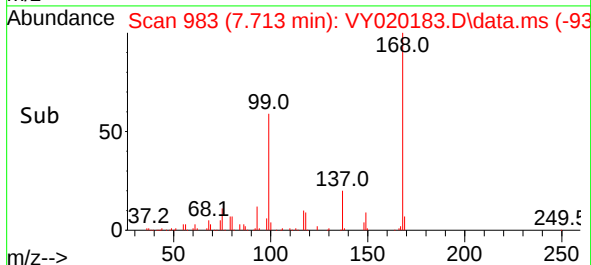
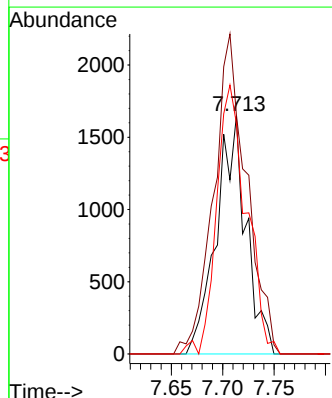
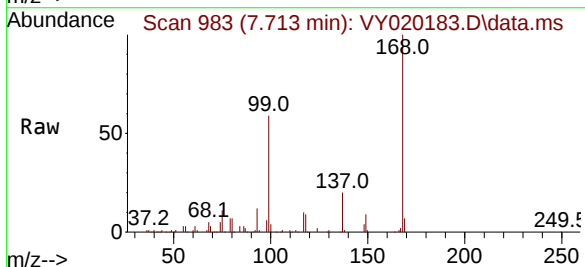
Tgt Ion: 56 Resp: 3323

Ion Ratio Lower Upper

56 100

69 100.7 28.7 43.1#

84 97.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 61.209 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020183.D

Acq: 06 Nov 2024 15:53

Instrument :

MSVOA_Y

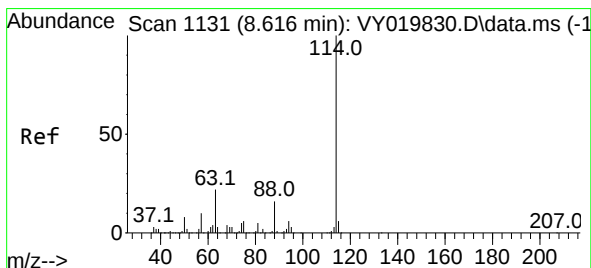
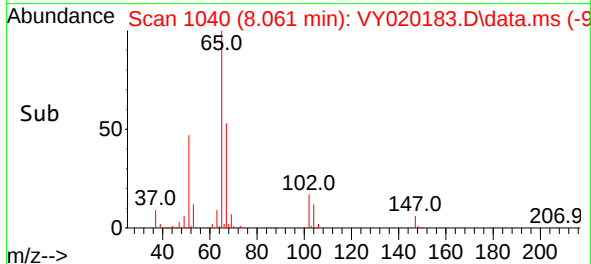
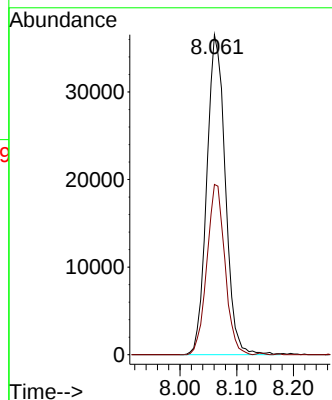
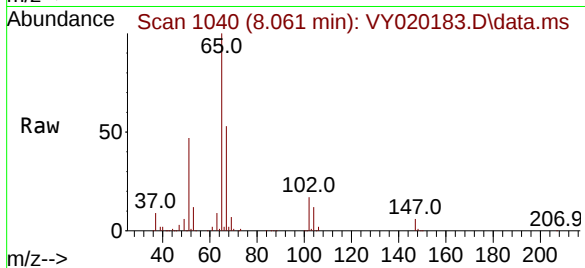
ClientSampleId :

Tgt Ion: 65 Resp: 83003

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020183.D

Acq: 06 Nov 2024 15:53

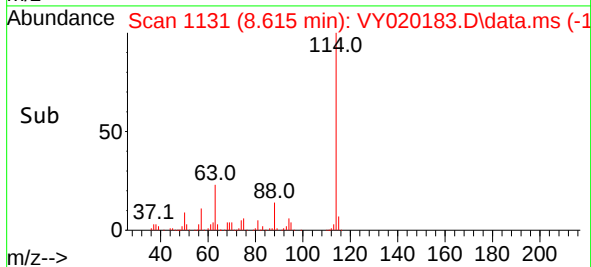
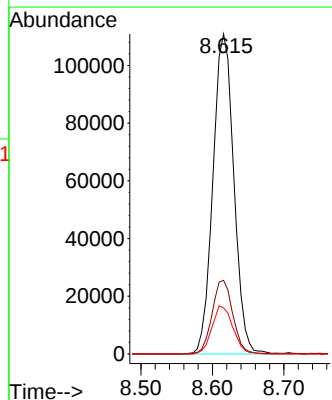
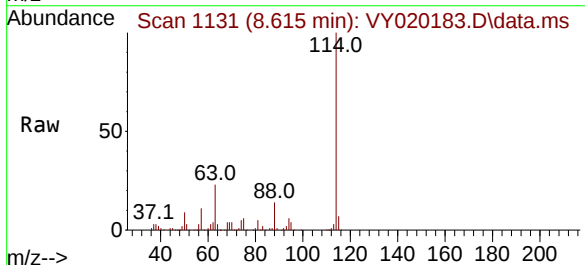
Tgt Ion: 114 Resp: 225239

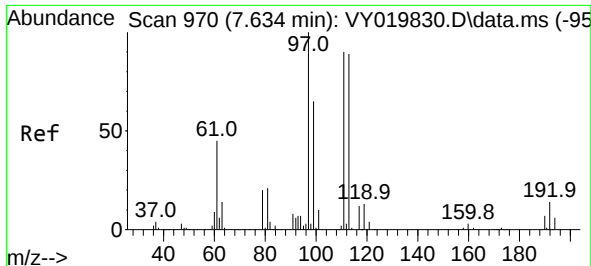
Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

88 14.4 0.0 27.2

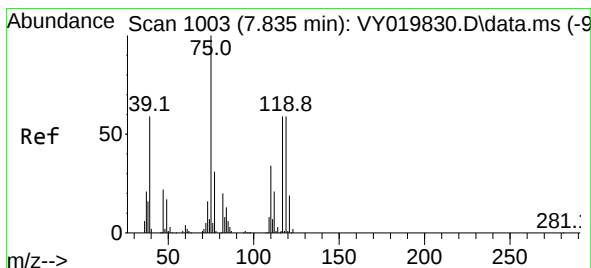
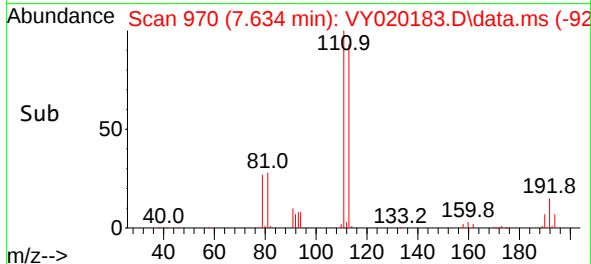
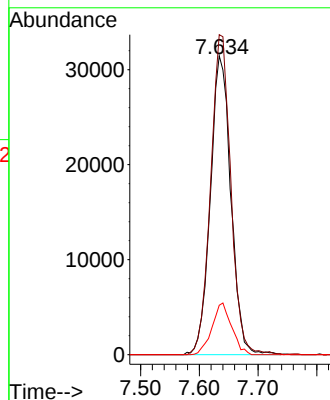
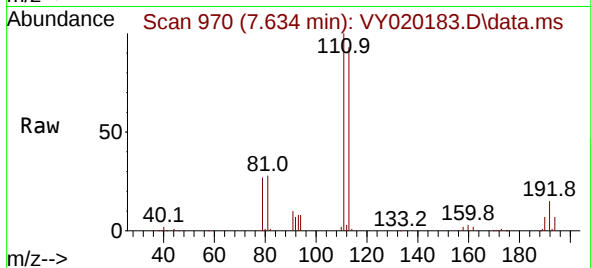




#35
Dibromofluoromethane
Concen: 53.241 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

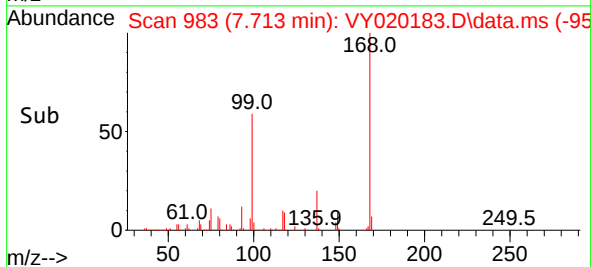
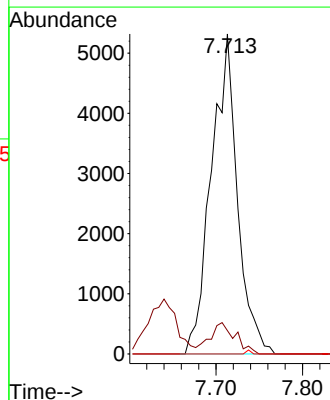
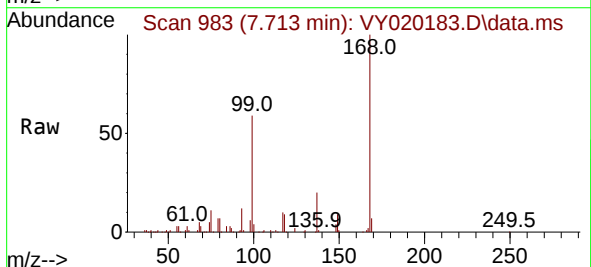
Instrument :
MSVOA_Y
ClientSampleId :

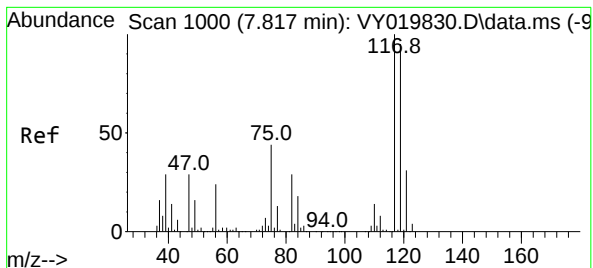
Tgt Ion:113 Resp: 76244
Ion Ratio Lower Upper
113 100
111 105.5 82.2 123.4
192 16.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

Tgt Ion: 75 Resp: 11142
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.341 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

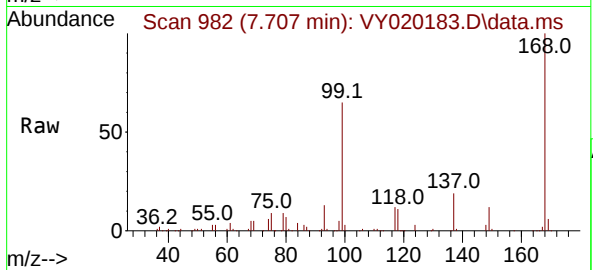
Lab File: VY020183.D

Acq: 06 Nov 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :



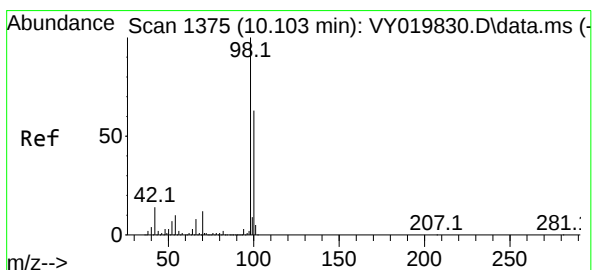
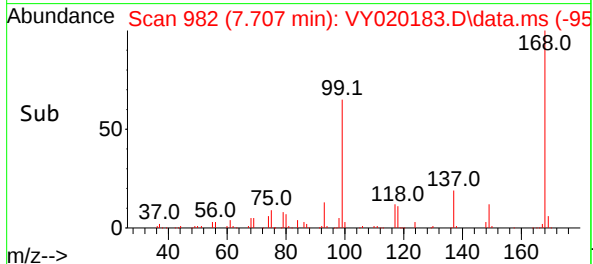
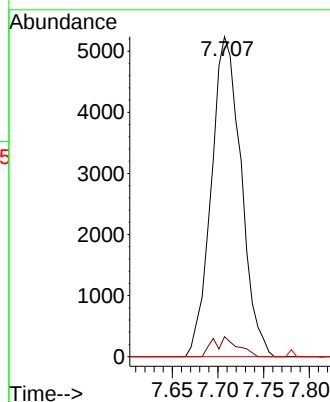
Tgt Ion:117 Resp: 11882

Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 49.209 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020183.D

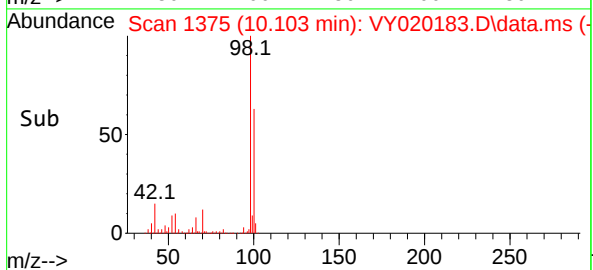
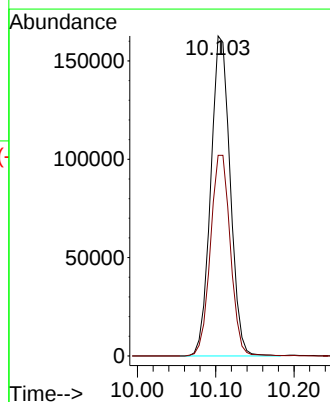
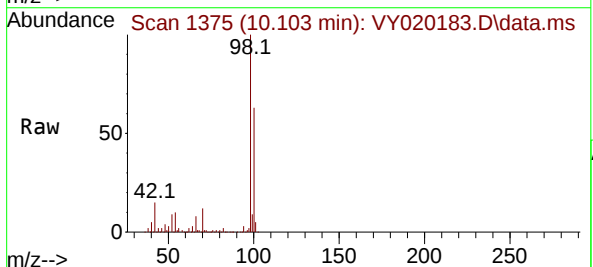
Acq: 06 Nov 2024 15:53

Tgt Ion: 98 Resp: 280504

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

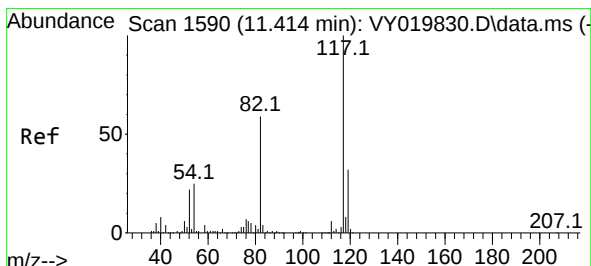
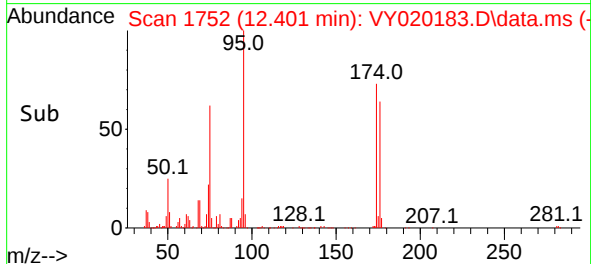
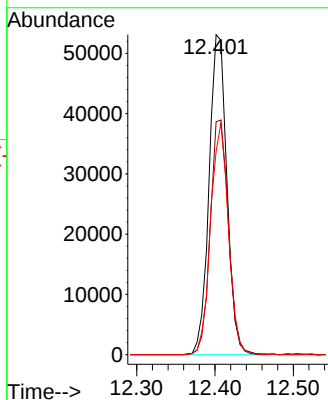
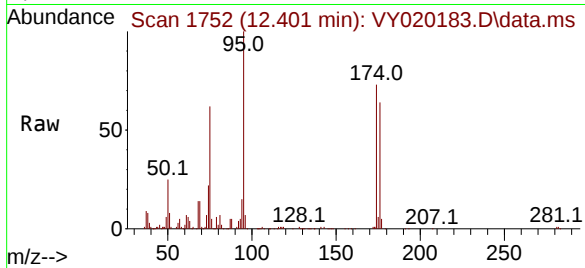




#62
4-Bromofluorobenzene
Concen: 45.350 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

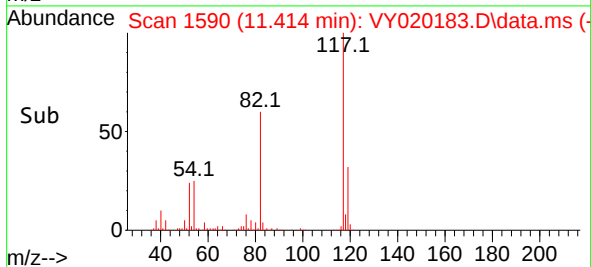
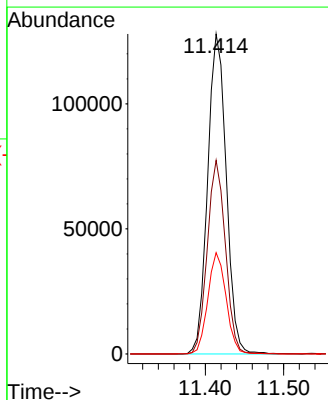
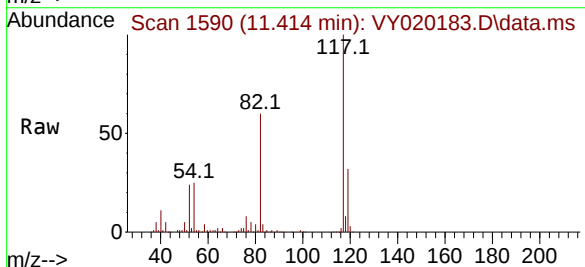
Instrument :
MSVOA_Y
ClientSampleId :

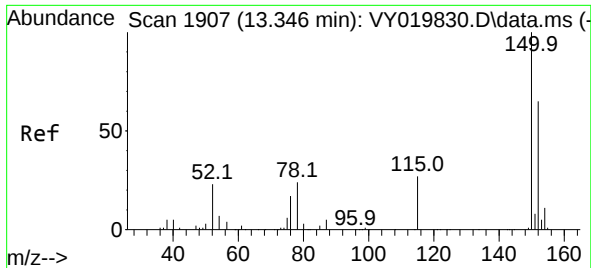
Tgt Ion: 95 Resp: 83967
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 72.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

Tgt Ion: 117 Resp: 210861
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 31.7 25.9 38.9

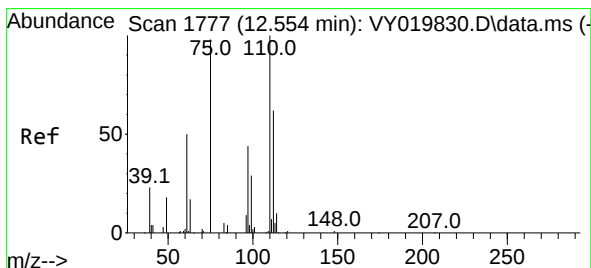
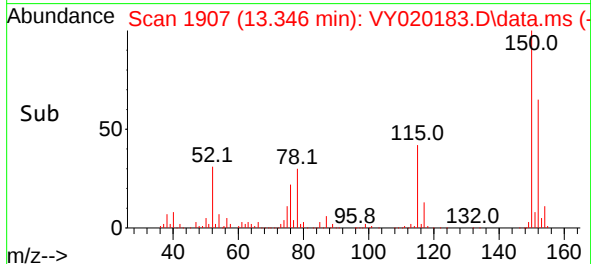
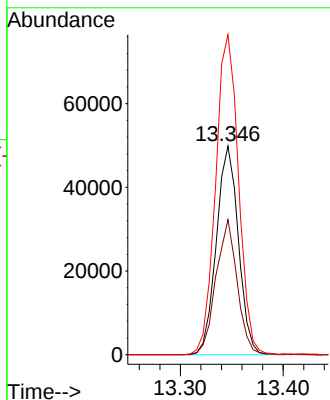
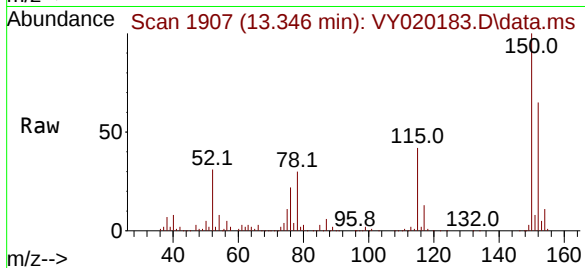




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020183.D
 Acq: 06 Nov 2024 15:53

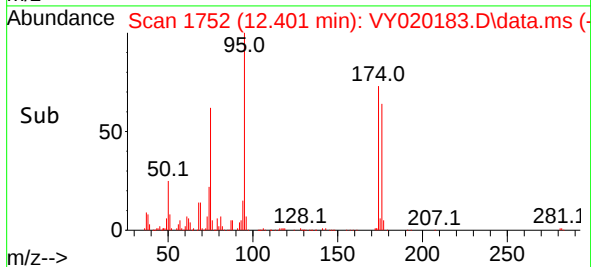
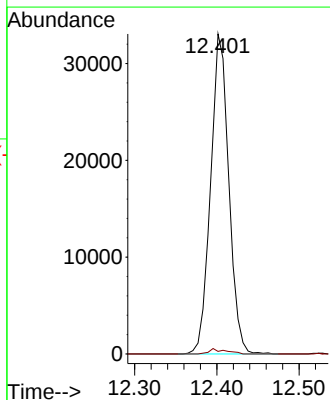
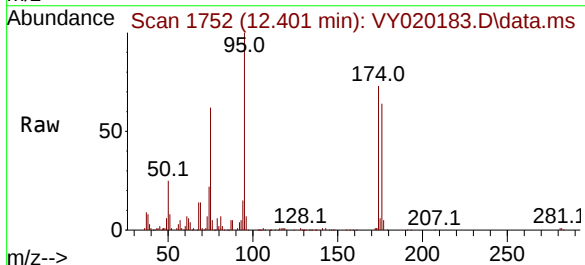
Instrument :
 MSVOA_Y
 ClientSampleId :

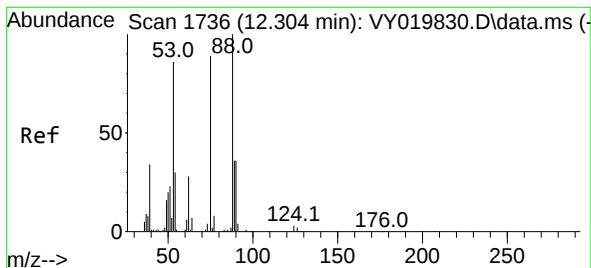
Tgt Ion:152 Resp: 74100
 Ion Ratio Lower Upper
 152 100
 115 62.5 28.2 84.7
 150 159.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 73.165 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020183.D
 Acq: 06 Nov 2024 15:53

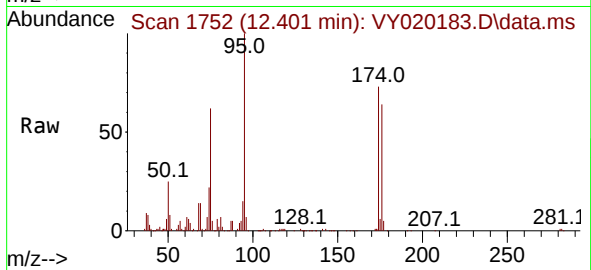
Tgt Ion: 75 Resp: 50821
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.375 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020183.D
 Acq: 06 Nov 2024 15:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50821
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.3 35.8 53.6#

