

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020011.D
 Acq On : 24 Oct 2024 15:56
 Operator : SY/MD
 Sample : P4508-03
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 01:41:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

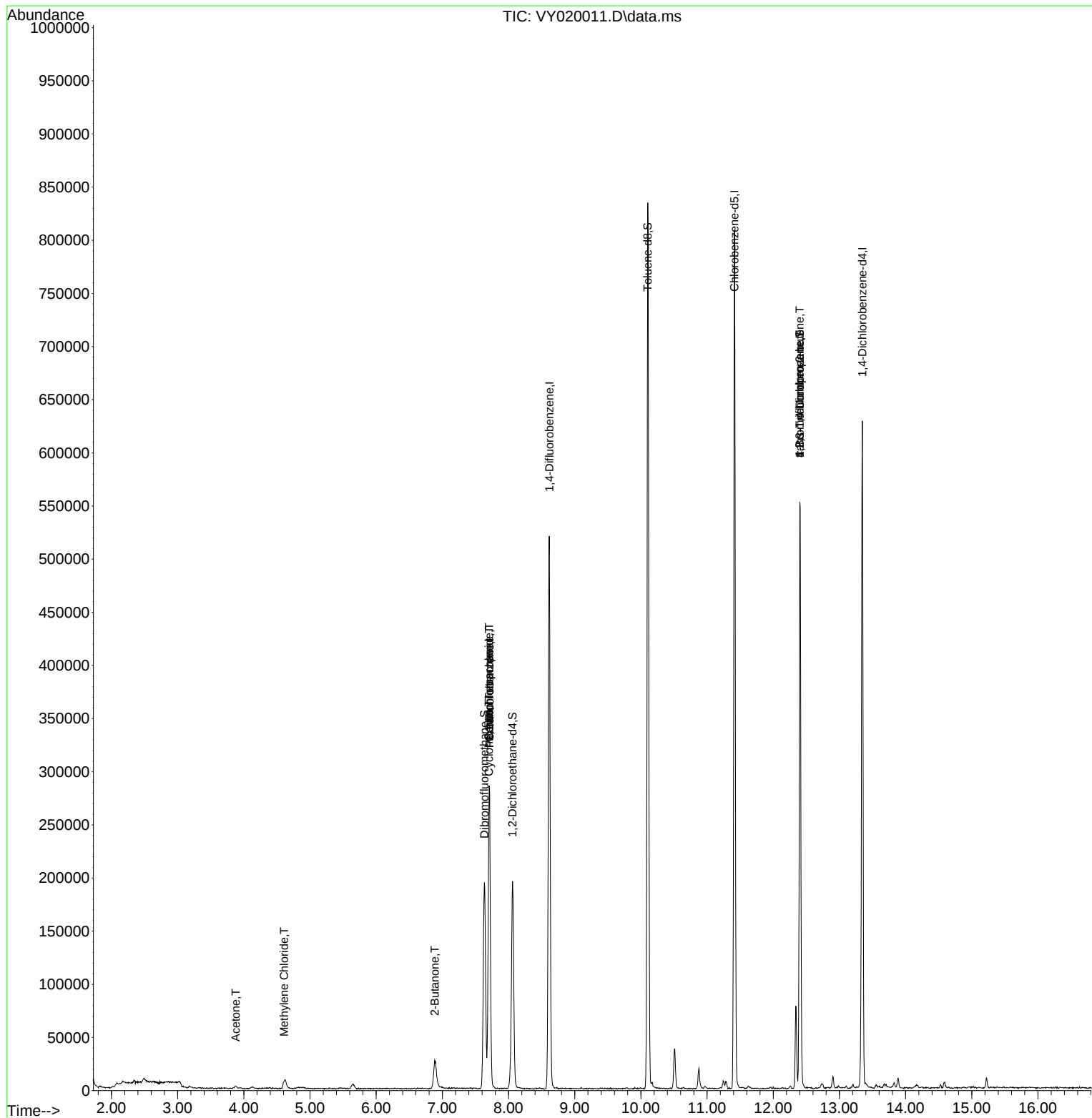
Internal Standards						
1) Pentafluorobenzene	7.713	168	196333	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	412525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	380901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143247	59.256	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.520%	
35) Dibromofluoromethane	7.634	113	138404	50.842	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	101.680%	
50) Toluene-d8	10.103	98	518350	51.563	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	103.120%	
62) 4-Bromofluorobenzene	12.402	95	161037	44.334	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	88.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	393	Below Cal	#	72
16) Acetone	3.879	43	4193	6.663	ug/l #	70
20) Methylene Chloride	4.610	84	5716	1.679	ug/l #	83
25) 2-Butanone	6.884	43	2710	3.217	ug/l #	66
31) Cyclohexane	7.701	56	6363	1.575	ug/l #	64
36) 1,1-Dichloropropene	7.707	75	19724	5.029	ug/l #	48
38) Carbon Tetrachloride	7.707	117	22870	5.440	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	94697	35.173	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	94697	141.972	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
Data File : VY020011.D
Acq On : 24 Oct 2024 15:56
Operator : SY/MD
Sample : P4508-03
Misc : 4.27g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 25 01:41:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

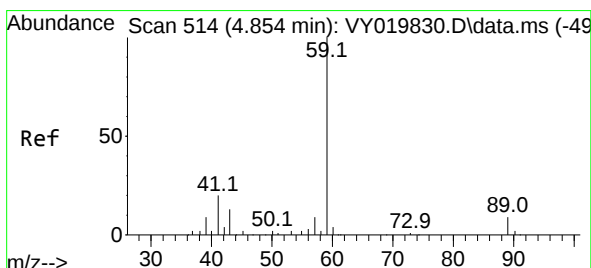
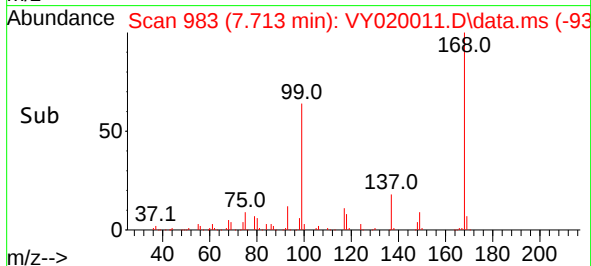
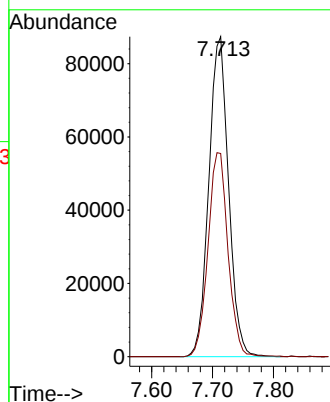
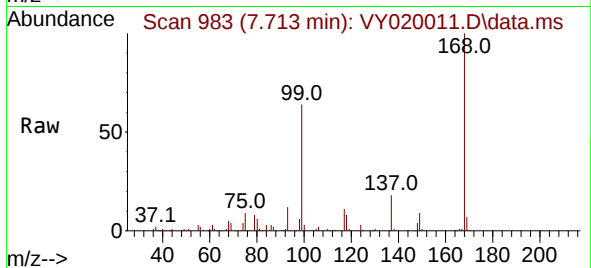




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

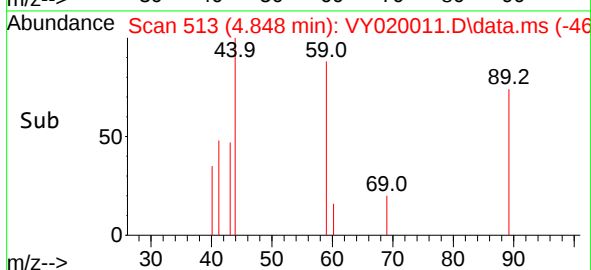
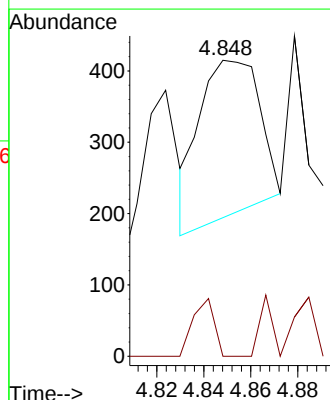
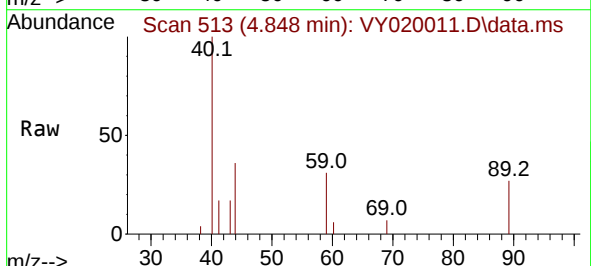
Instrument :
MSVOA_Y
ClientSampleId :

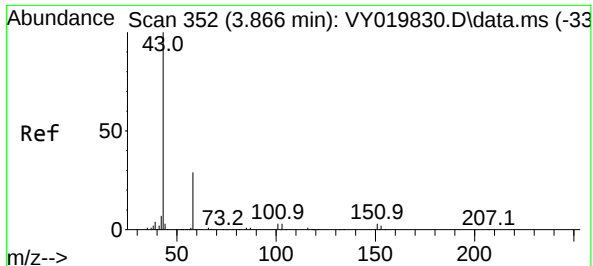
Tgt Ion:168 Resp: 196333
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

Tgt Ion: 59 Resp: 393
Ion Ratio Lower Upper
59 100
57 13.0 3.0 4.6#

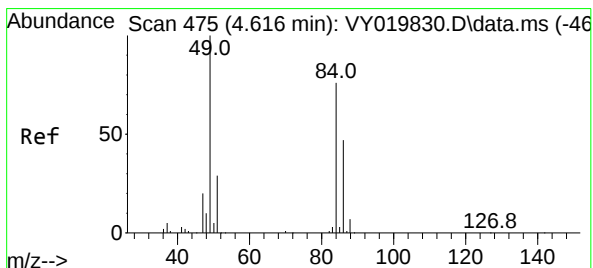
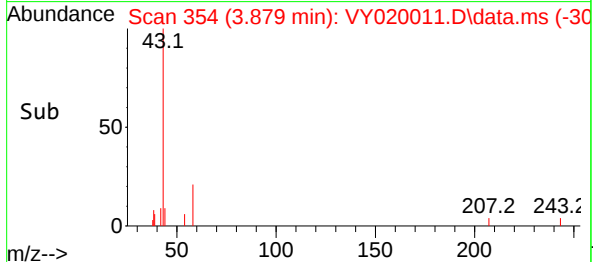
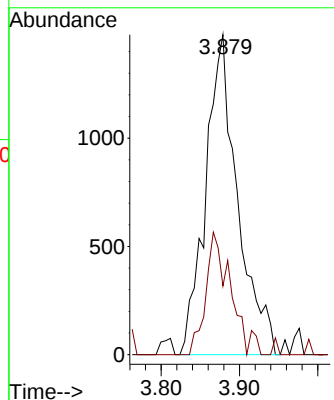
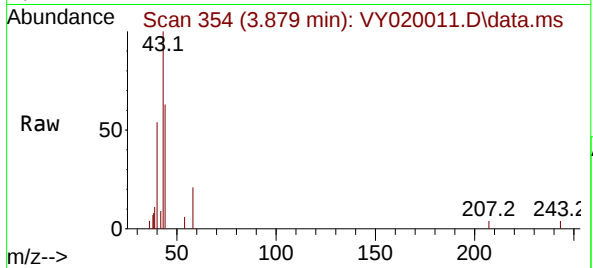




#16
Acetone
Concen: 6.663 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

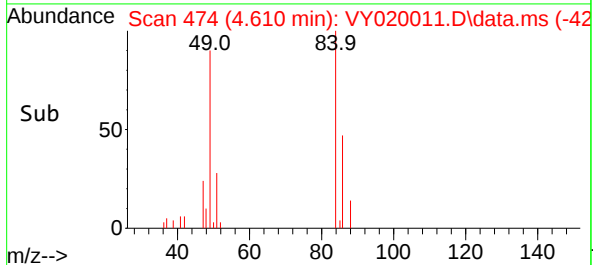
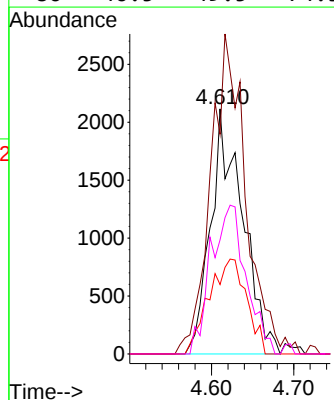
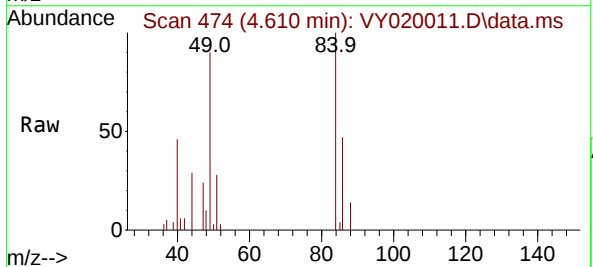
Instrument :
MSVOA_Y
ClientSampleId :

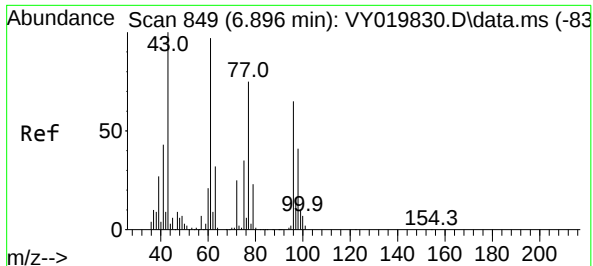
Tgt Ion: 43 Resp: 4193
Ion Ratio Lower Upper
43 100
58 21.4 31.7 47.5#



#20
Methylene Chloride
Concen: 1.679 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

Tgt Ion: 84 Resp: 5716
Ion Ratio Lower Upper
84 100
49 86.5 84.4 126.6
51 28.3 26.0 39.0
86 46.5 49.5 74.3#





#25

2-Butanone

Concen: 3.217 ug/l

RT: 6.884 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020011.D

Acq: 24 Oct 2024 15:56

Instrument :

MSVOA_Y

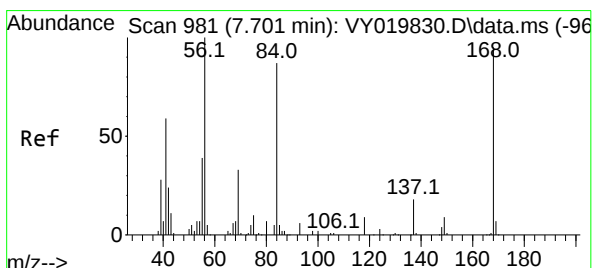
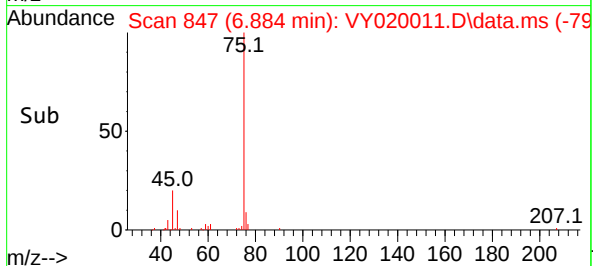
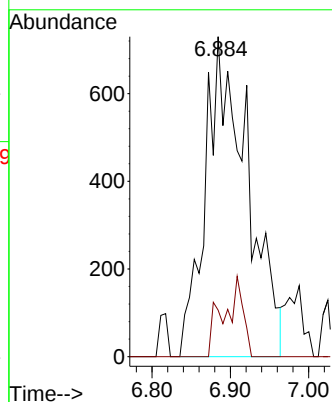
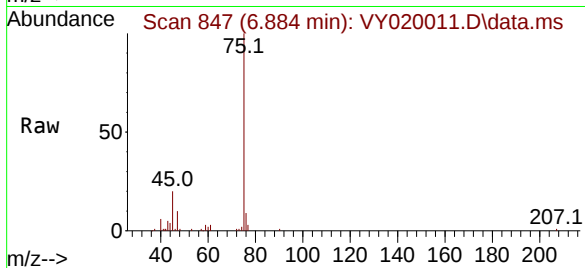
ClientSampleId :

Tgt Ion: 43 Resp: 2710

Ion Ratio Lower Upper

43 100

72 14.5 27.3 40.9#



#31

Cyclohexane

Concen: 1.575 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY020011.D

Acq: 24 Oct 2024 15:56

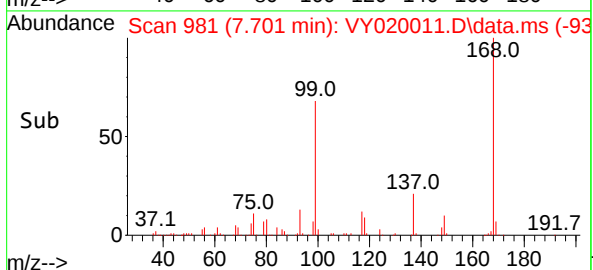
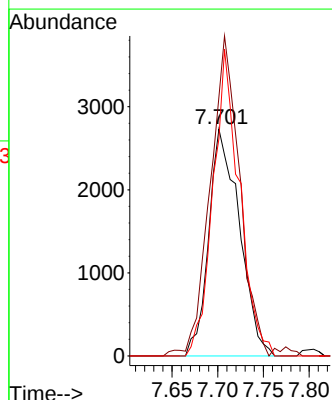
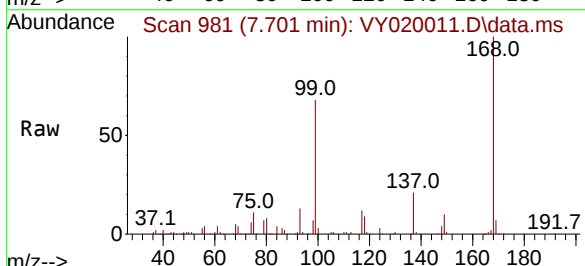
Tgt Ion: 56 Resp: 6363

Ion Ratio Lower Upper

56 100

69 112.3 28.7 43.1#

84 95.8 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 59.256 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020011.D

Acq: 24 Oct 2024 15:56

Instrument :

MSVOA_Y

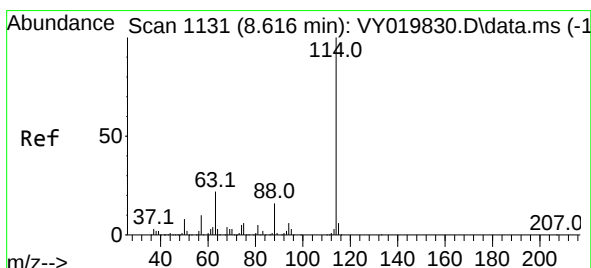
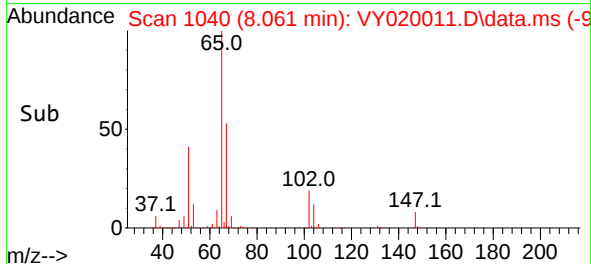
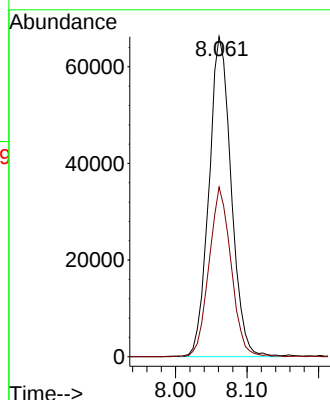
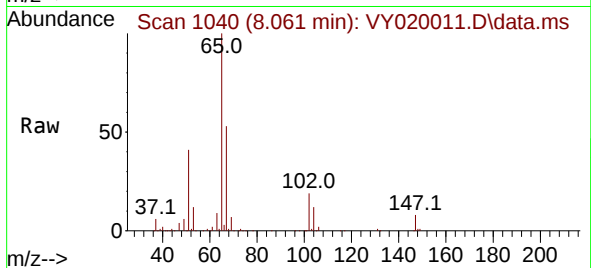
ClientSampleId :

Tgt Ion: 65 Resp: 143247

Ion Ratio Lower Upper

65 100

67 52.6 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: VY020011.D

Acq: 24 Oct 2024 15:56

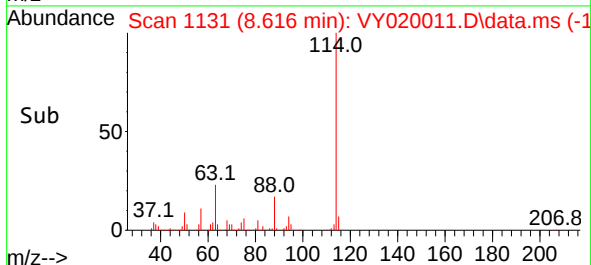
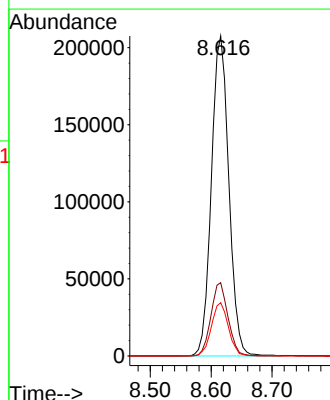
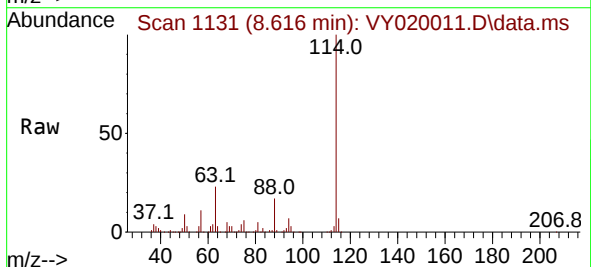
Tgt Ion:114 Resp: 412525

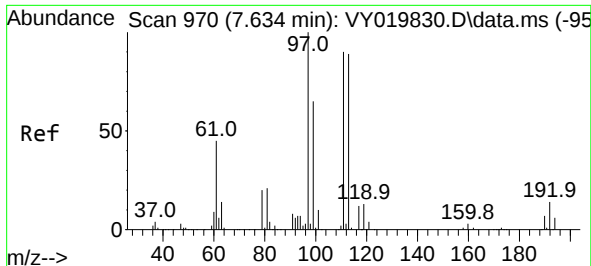
Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

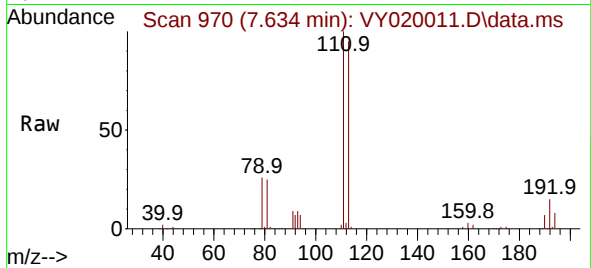
88 16.6 0.0 27.2



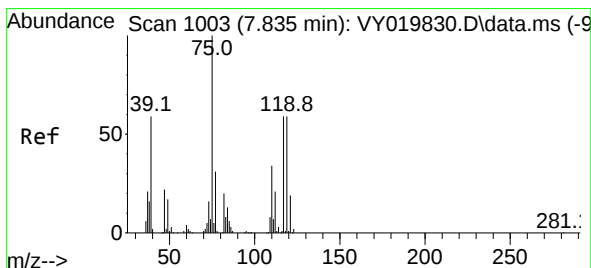
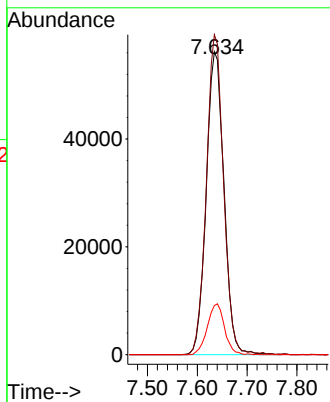
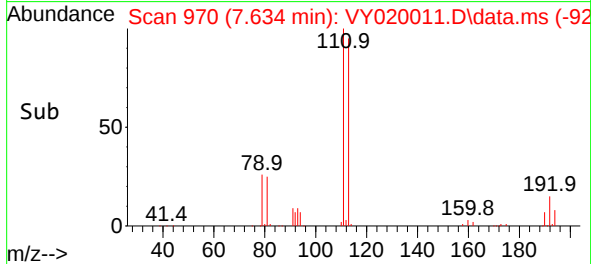


#35
Dibromofluoromethane
Concen: 50.842 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

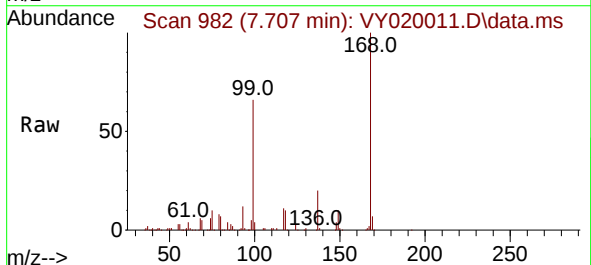
Instrument :
MSVOA_Y
ClientSampleId :



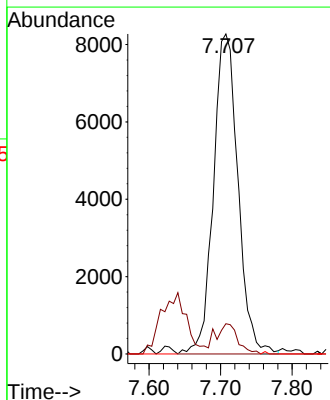
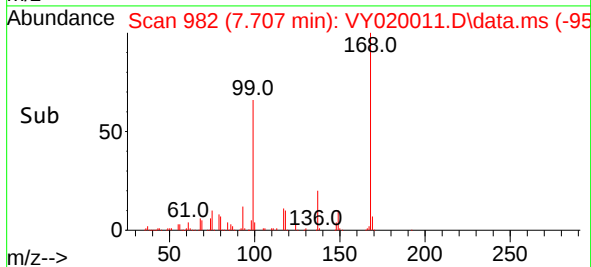
Tgt Ion:113 Resp: 138404
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 16.3 15.9 23.9

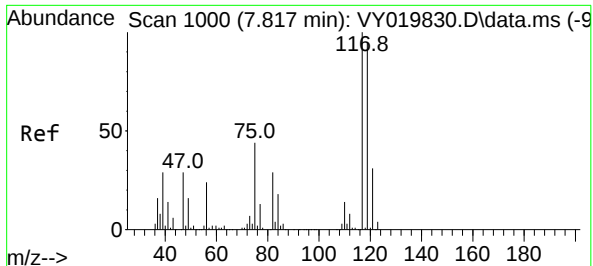


#36
1,1-Dichloropropene
Concen: 5.029 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56



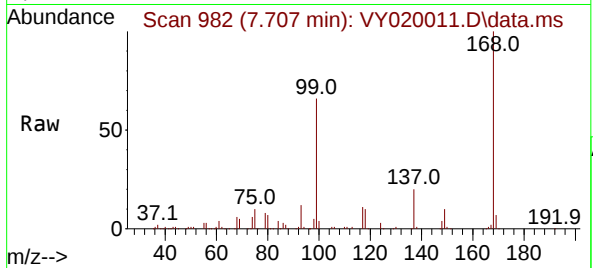
Tgt Ion: 75 Resp: 19724
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



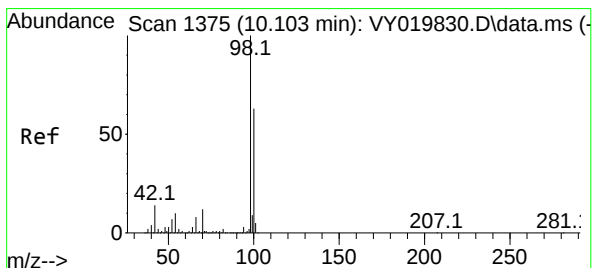
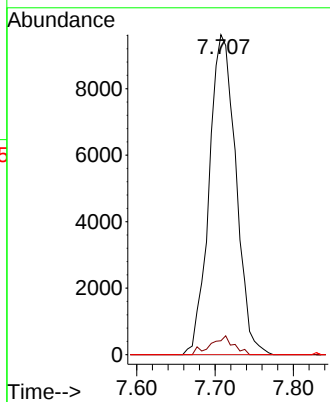
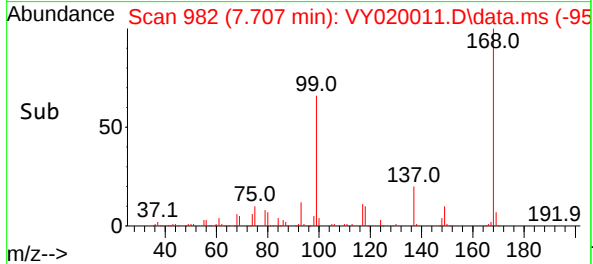


#38
Carbon Tetrachloride
Concen: 5.440 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.109 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

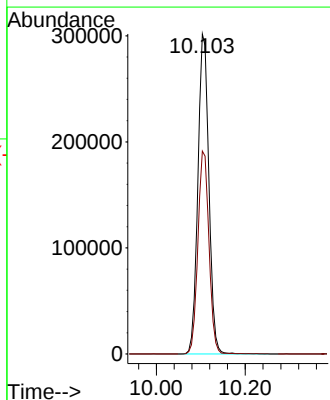
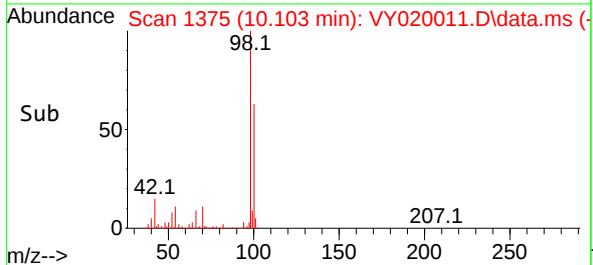
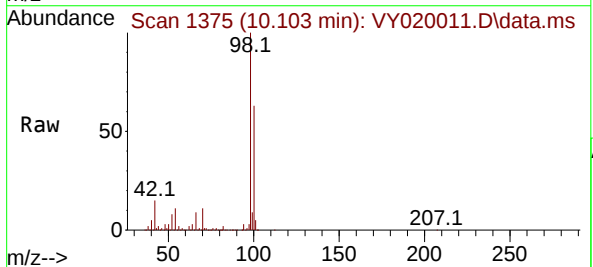


Tgt Ion:117 Resp: 22870
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.563 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

Tgt Ion: 98 Resp: 518350
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

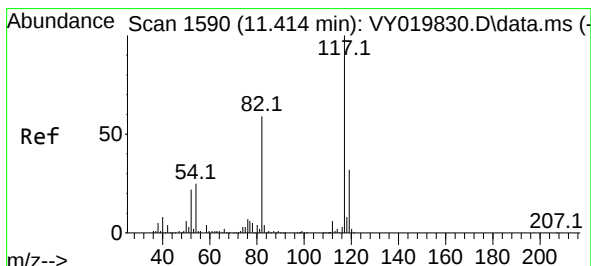
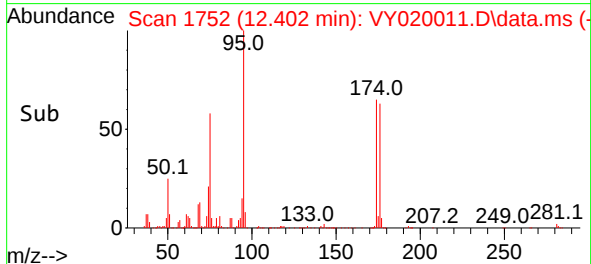
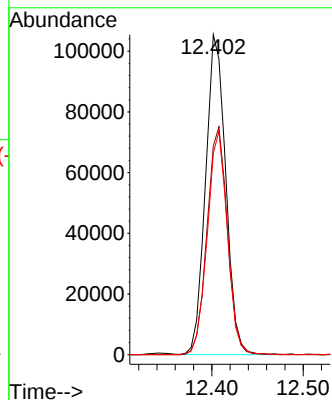
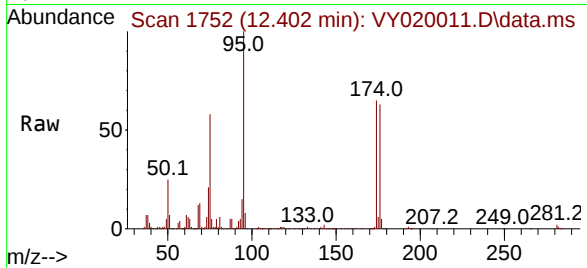




#62
4-Bromofluorobenzene
Concen: 44.334 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

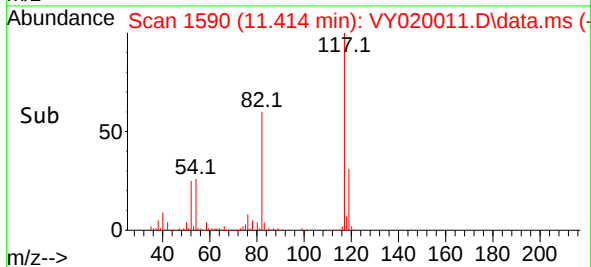
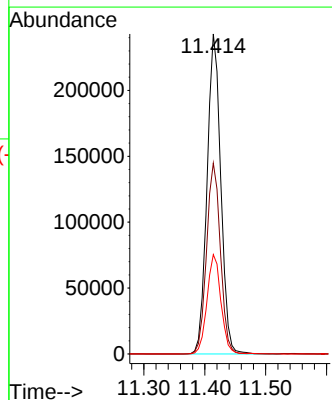
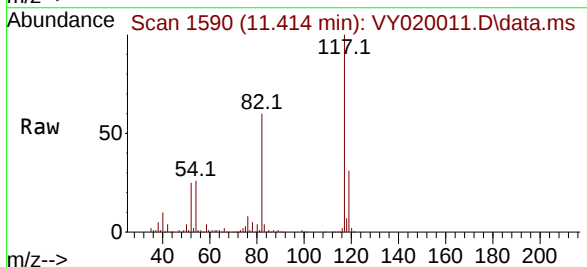
Instrument :
MSVOA_Y
ClientSampleId :

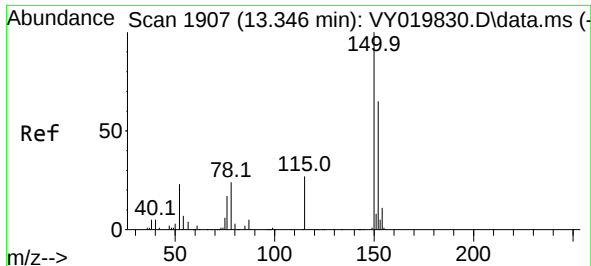
Tgt Ion: 95 Resp: 161037
Ion Ratio Lower Upper
95 100
174 72.1 0.0 175.6
176 69.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

Tgt Ion: 117 Resp: 380901
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.0 25.9 38.9

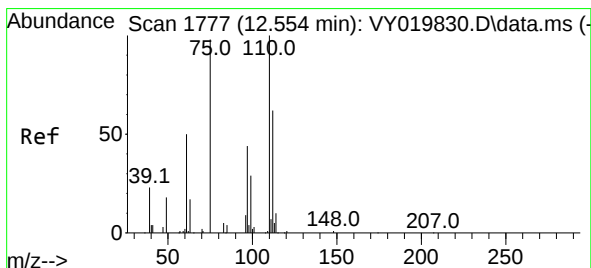
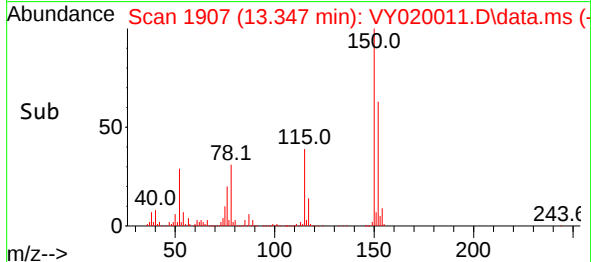
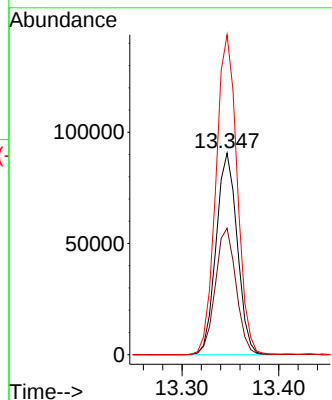
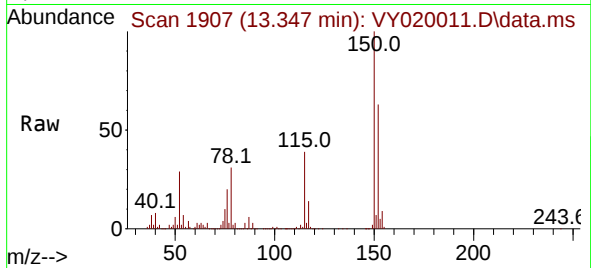




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020011.D
 Acq: 24 Oct 2024 15:56

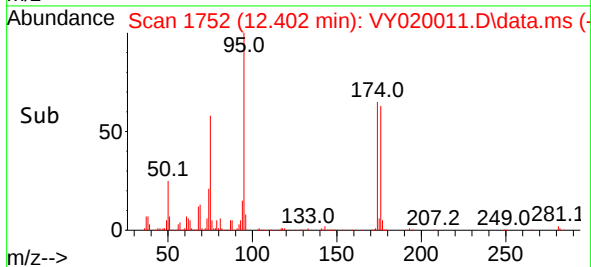
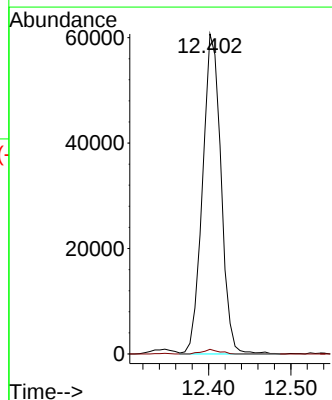
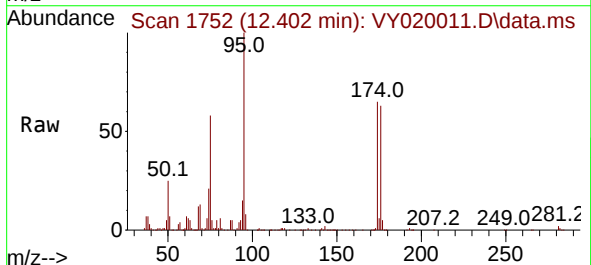
Instrument :
 MSVOA_Y
 ClientSampleId :

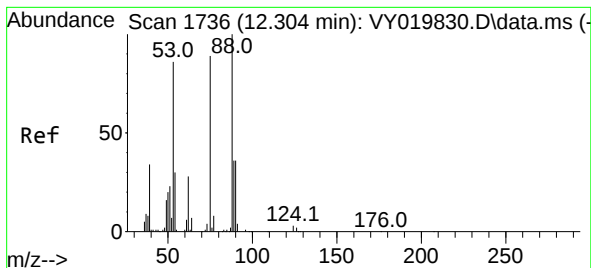
Tgt Ion:152 Resp: 137434
 Ion Ratio Lower Upper
 152 100
 115 62.0 28.2 84.7
 150 159.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 35.173 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020011.D
 Acq: 24 Oct 2024 15:56

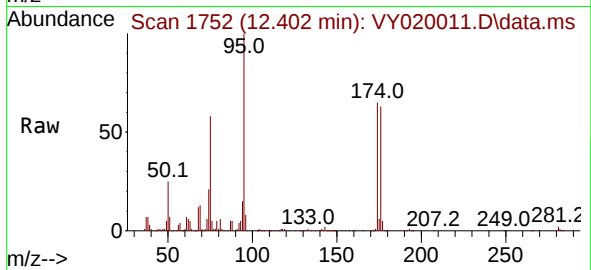
Tgt Ion: 75 Resp: 94697
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.972 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020011.D
 Acq: 24 Oct 2024 15:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 94697
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.4 35.8 53.6#

