

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020106.D
 Acq On : 31 Oct 2024 19:43
 Operator : SY/MD
 Sample : P4639-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:52:48 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)

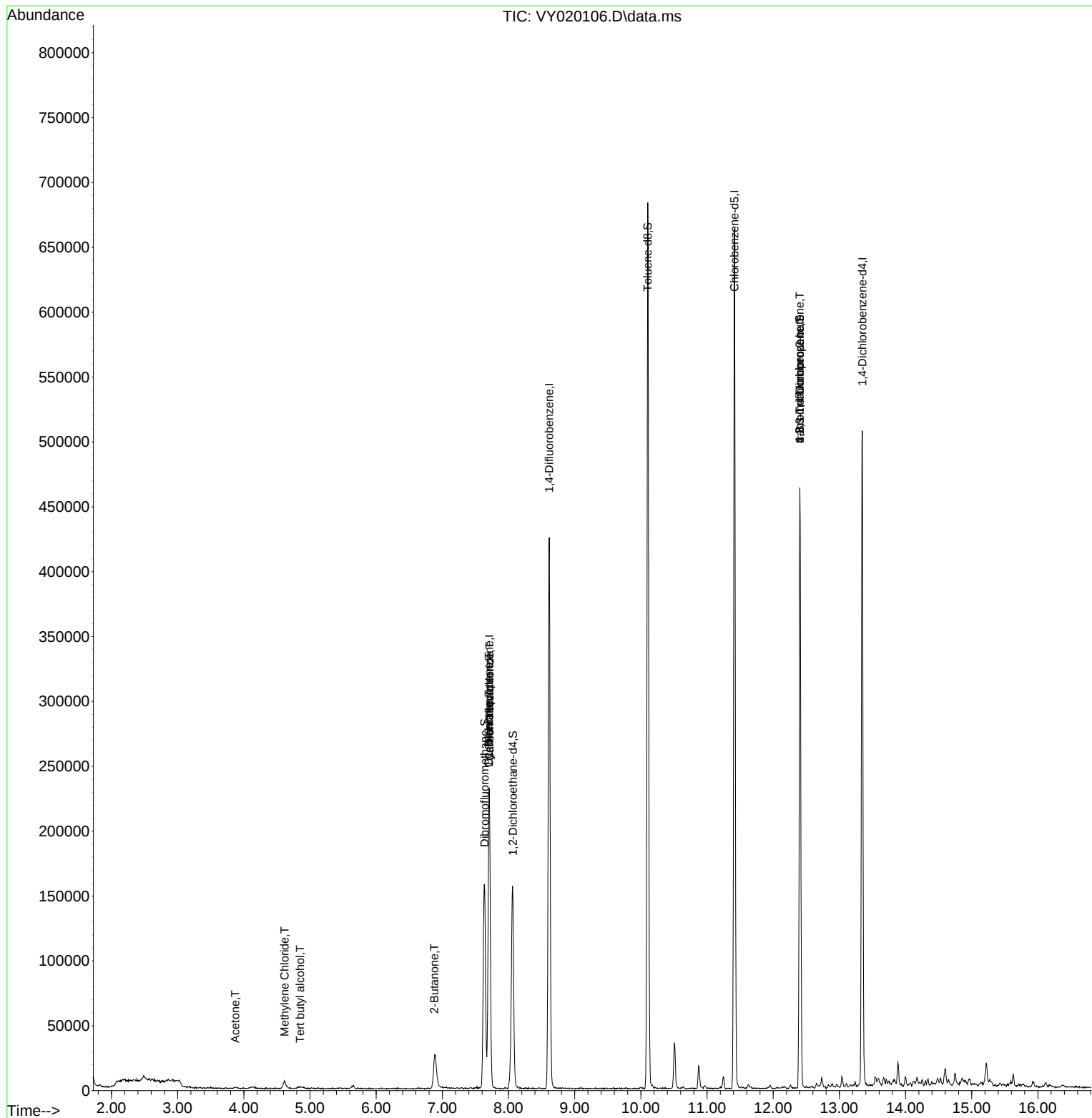
Internal Standards						
1) Pentafluorobenzene	7.707	168	162810	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	334766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	312546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	113681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	117286	57.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.440%	
35) Dibromofluoromethane	7.640	113	111624	52.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.103	98	419437	49.508	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.402	95	130905	47.570	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	963	6.589	ug/l	# 88
16) Acetone	3.873	43	1807	3.824	ug/l	# 63
20) Methylene Chloride	4.616	84	3323	1.565	ug/l	# 71
25) 2-Butanone	6.878	43	1432	2.236	ug/l	# 41
31) Cyclohexane	7.701	56	4760	1.291	ug/l	# 1
36) 1,1-Dichloropropene	7.701	75	16775	5.102	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	17998	5.444	ug/l	# 17
76) 1,2,3-Trichloropropane	12.402	75	75095	70.469	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	75095	151.577	ug/l	# 16

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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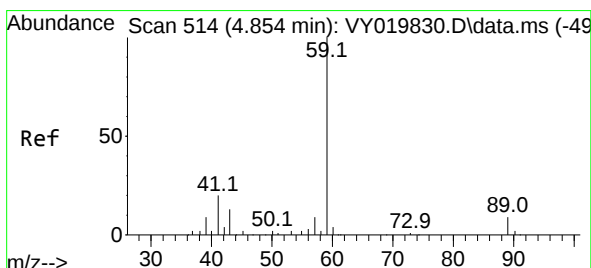
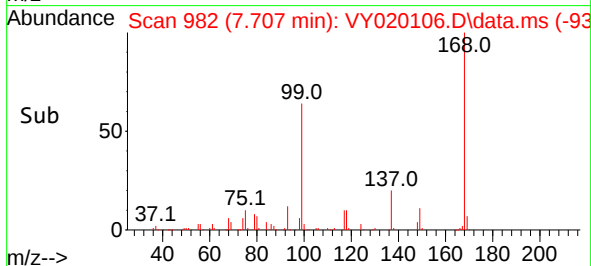
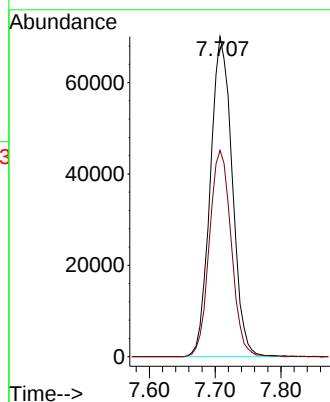
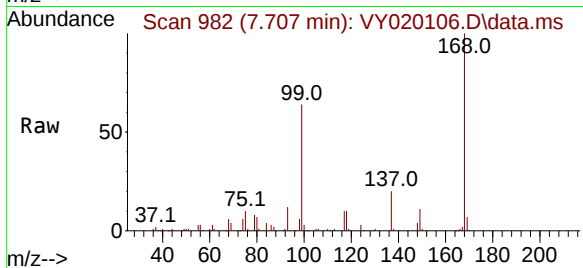




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

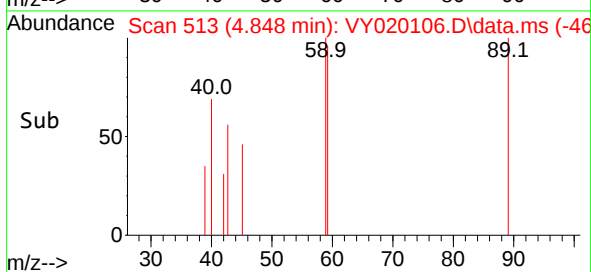
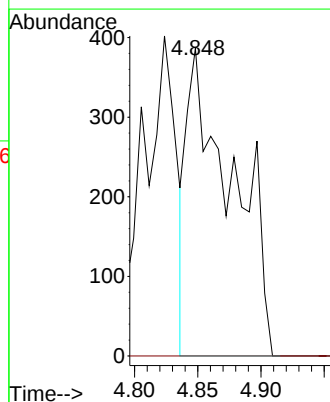
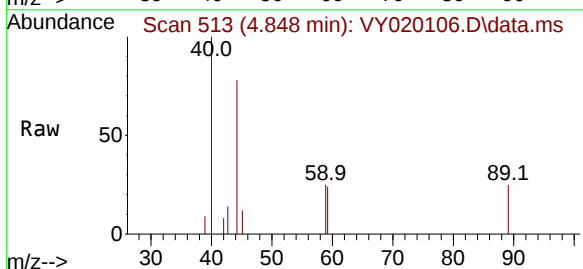
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 162810
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 6.589 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Tgt Ion: 59 Resp: 963
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

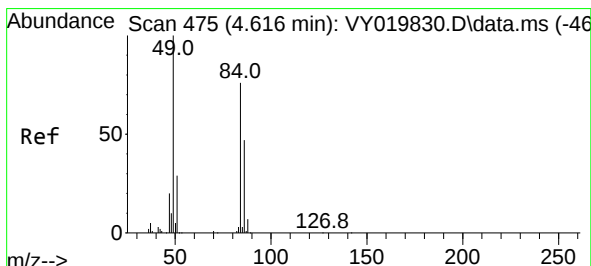
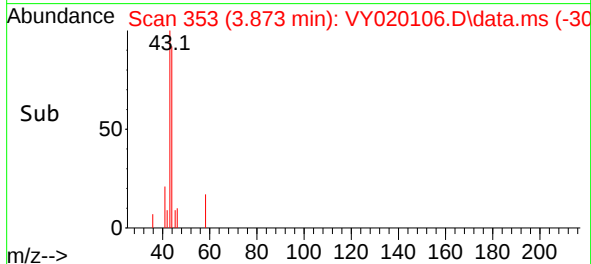
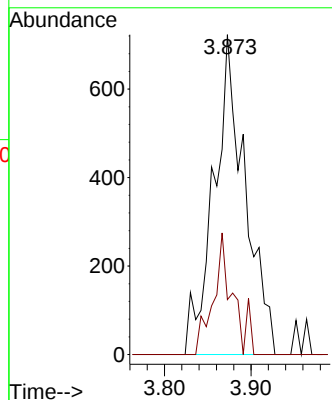
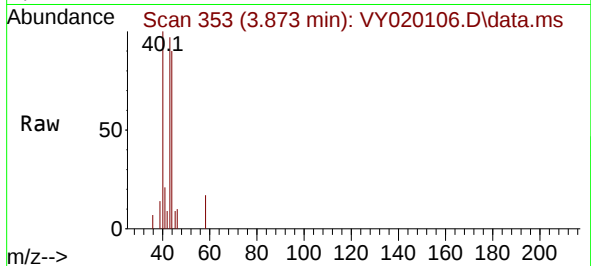




#16
Acetone
Concen: 3.824 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

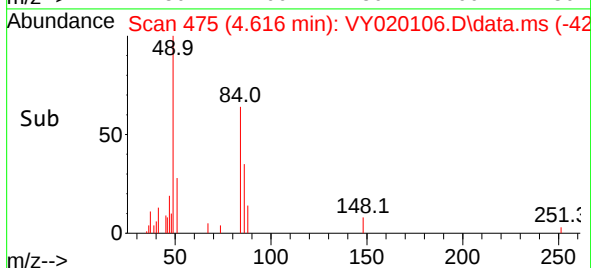
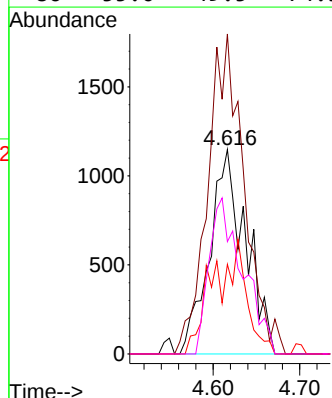
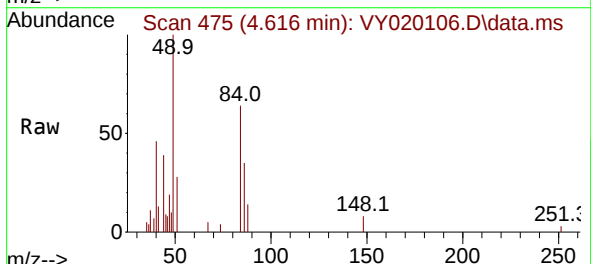
Instrument :
MSVOA_Y
ClientSampleId :

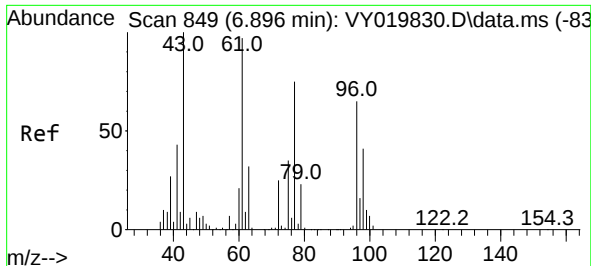
Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
58 17.2 31.7 47.5#



#20
Methylene Chloride
Concen: 1.565 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Tgt Ion: 84 Resp: 3323
Ion Ratio Lower Upper
84 100
49 150.5 84.4 126.6#
51 43.8 26.0 39.0#
86 55.0 49.5 74.3

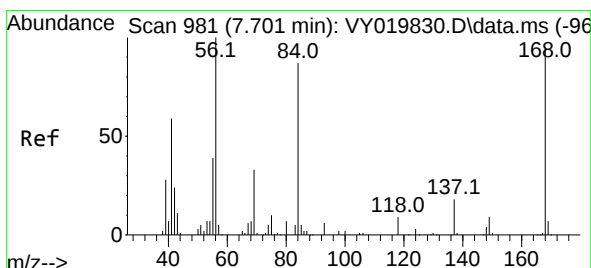
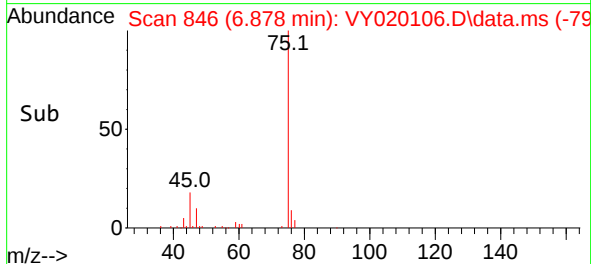
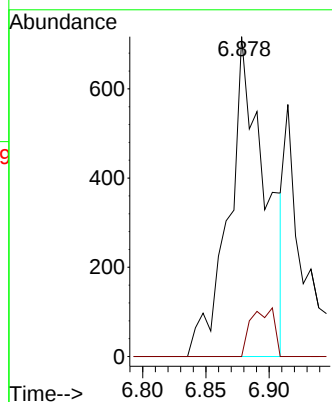
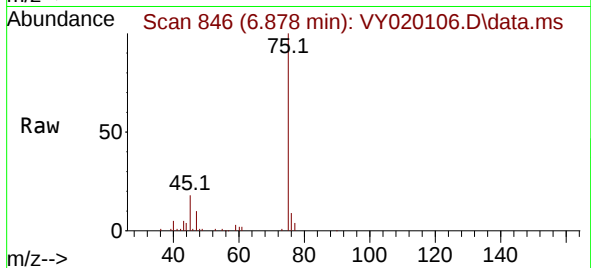




#25
2-Butanone
Concen: 2.236 ug/l
RT: 6.878 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

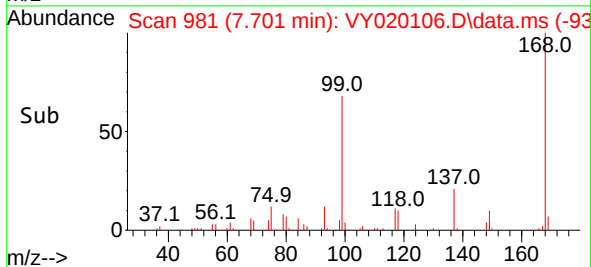
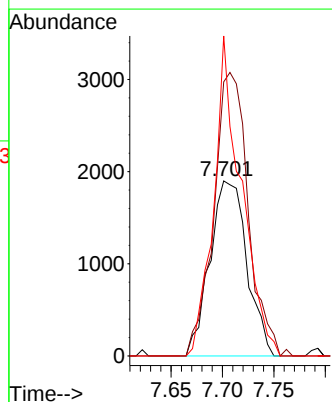
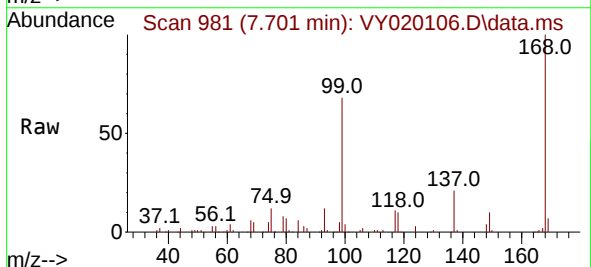
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Tgt Ion: 56 Resp: 4760
Ion Ratio Lower Upper
56 100
69 156.5 28.7 43.1#
84 182.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.720 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.007 min

Lab File: VY020106.D

Acq: 31 Oct 2024 19:43

Instrument :

MSVOA_Y

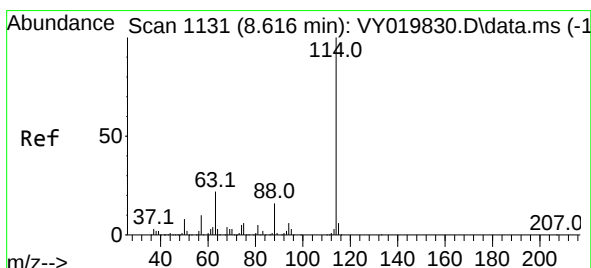
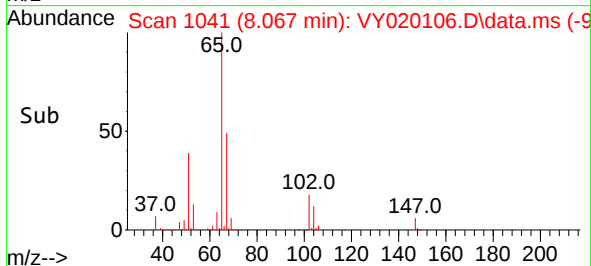
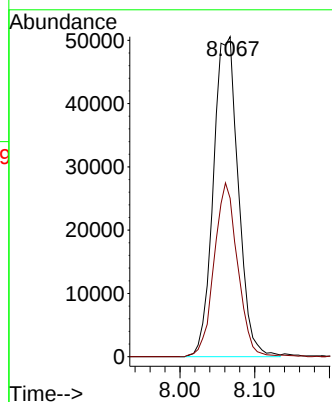
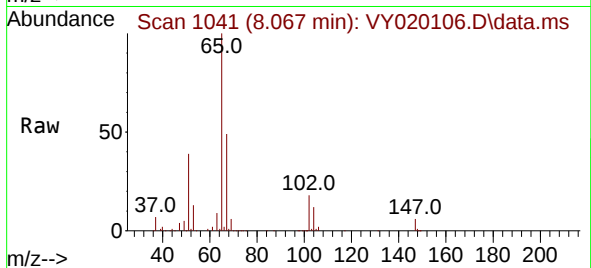
ClientSampleId :

Tgt Ion: 65 Resp: 117286

Ion Ratio Lower Upper

65 100

67 51.5 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: VY020106.D

Acq: 31 Oct 2024 19:43

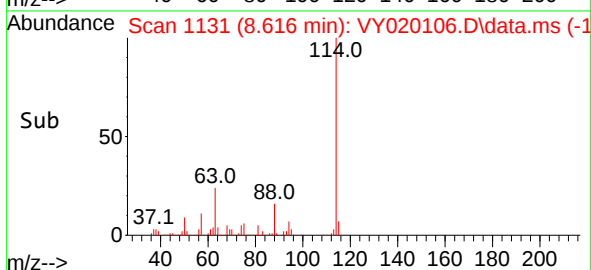
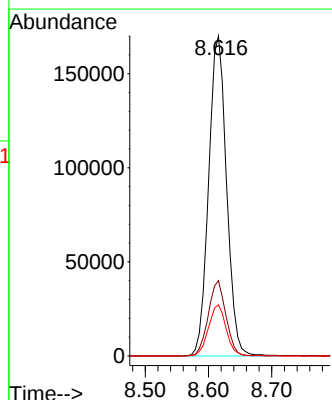
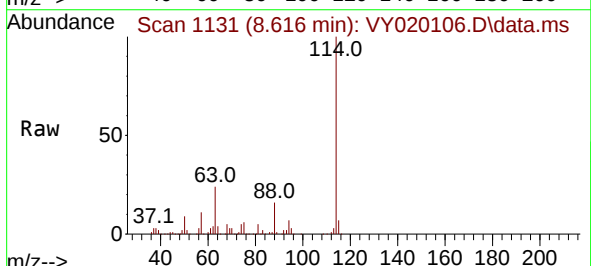
Tgt Ion:114 Resp: 334766

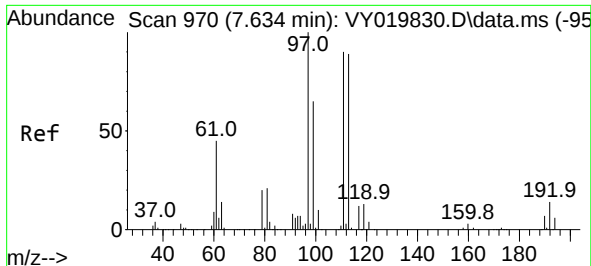
Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

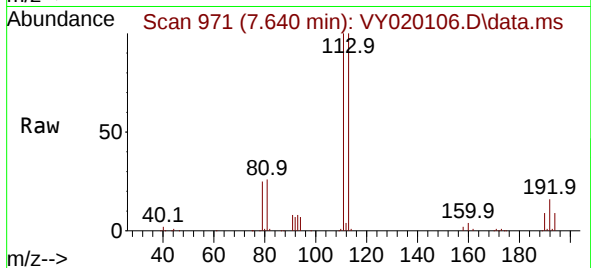
88 15.9 0.0 27.2



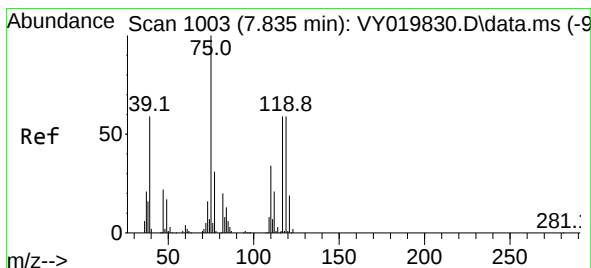
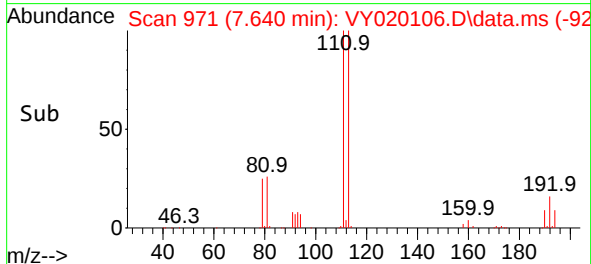
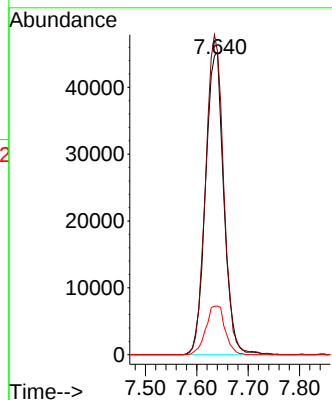


#35
Dibromofluoromethane
Concen: 52.444 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :

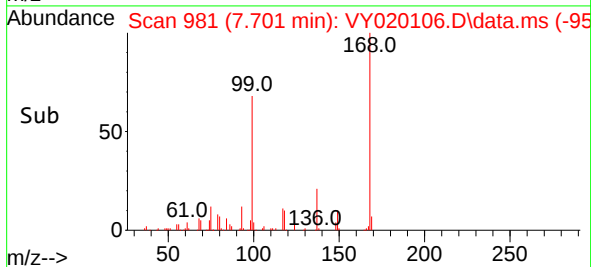
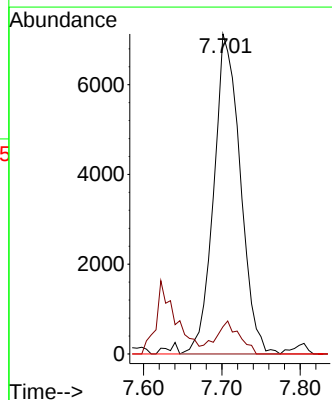
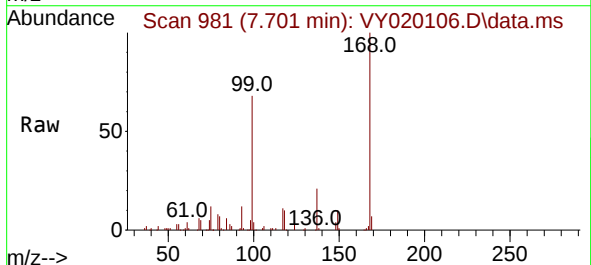


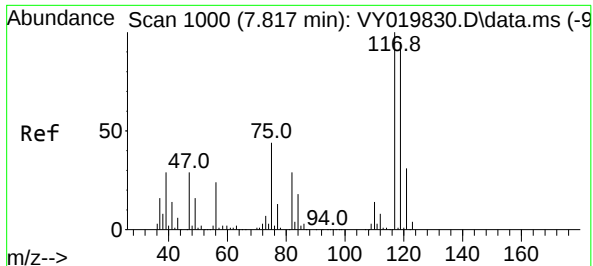
Tgt Ion:113 Resp: 111624
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 16.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

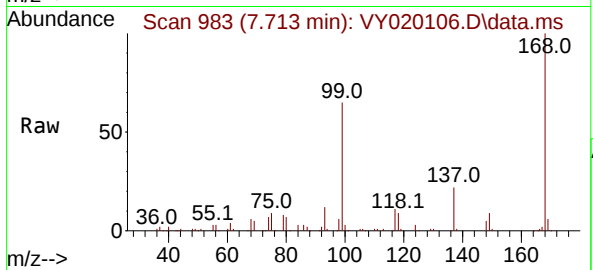
Tgt Ion: 75 Resp: 16775
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#



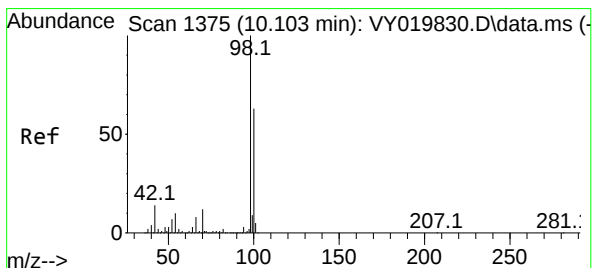
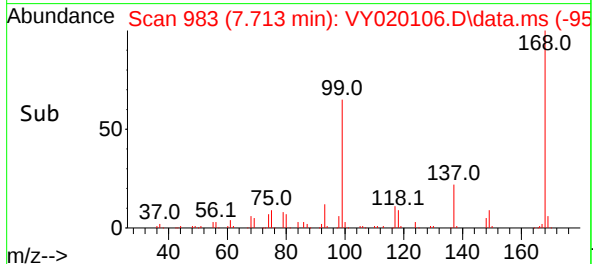
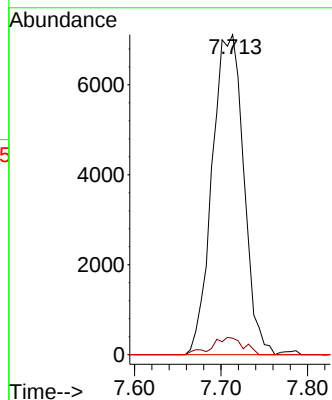


#38
Carbon Tetrachloride
Concen: 5.444 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :

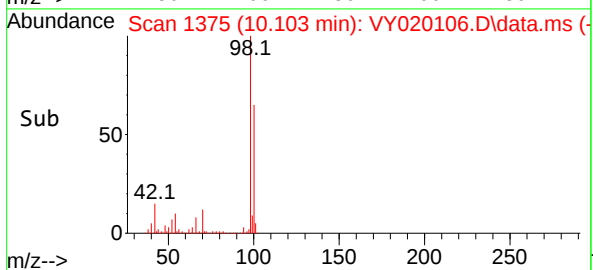
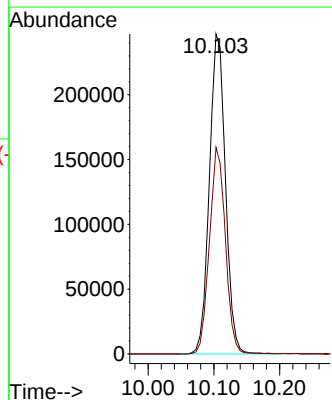
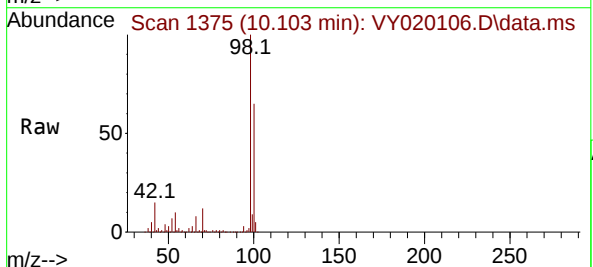


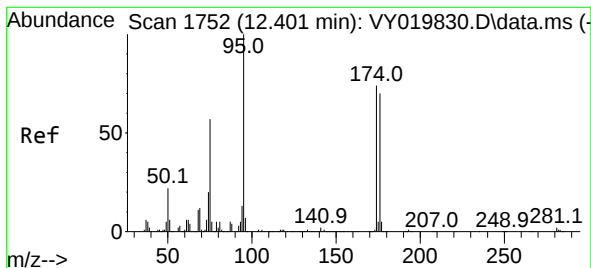
Tgt Ion:117 Resp: 17998
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

Tgt Ion: 98 Resp: 419437
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

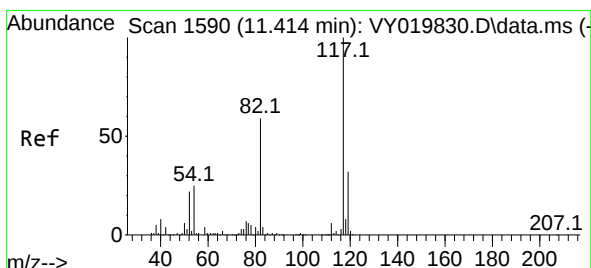
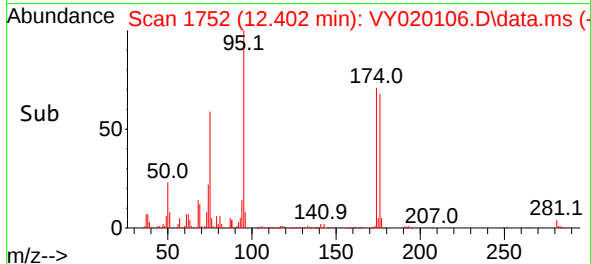
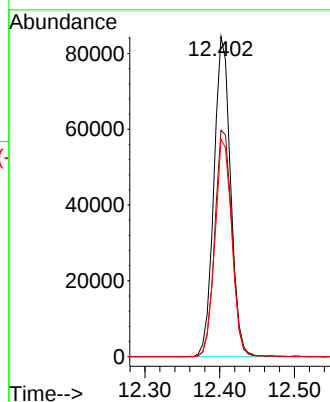
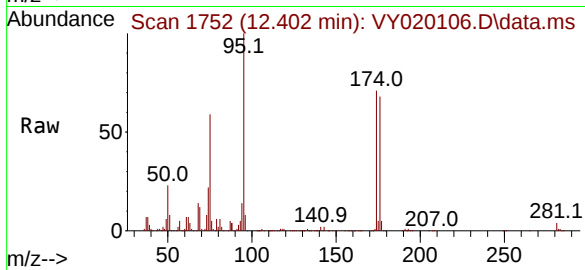




#62
4-Bromofluorobenzene
Concen: 47.570 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

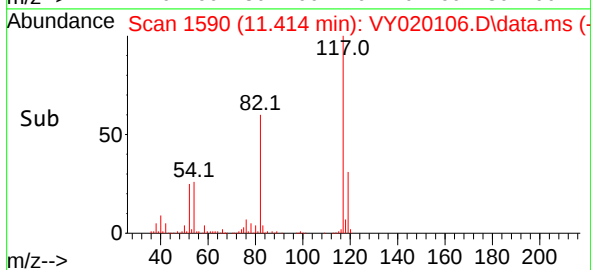
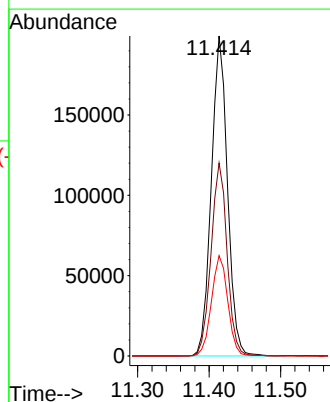
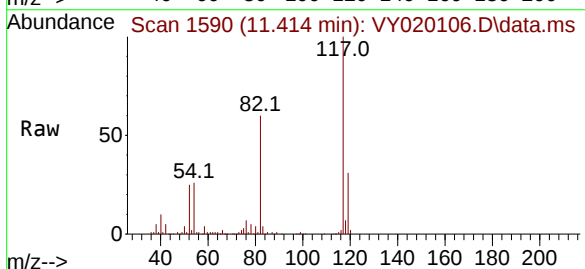
Instrument :
MSVOA_Y
ClientSampleId :

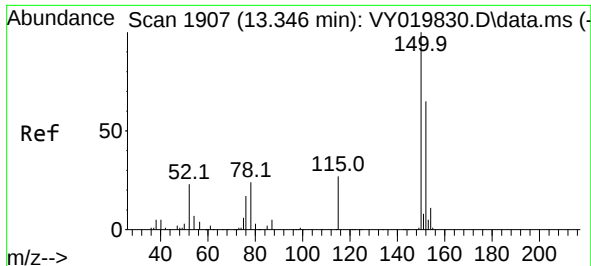
Tgt Ion: 95 Resp: 130905
Ion Ratio Lower Upper
95 100
174 72.9 0.0 175.6
176 69.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020106.D
Acq: 31 Oct 2024 19:43

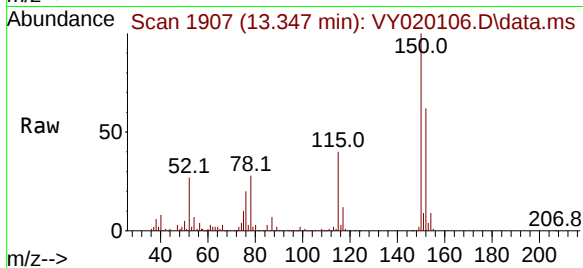
Tgt Ion: 117 Resp: 312546
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 31.4 25.9 38.9



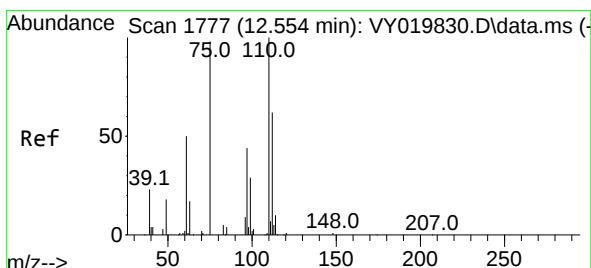
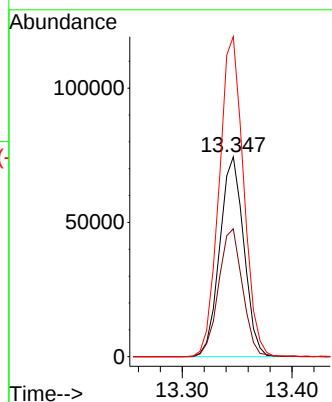
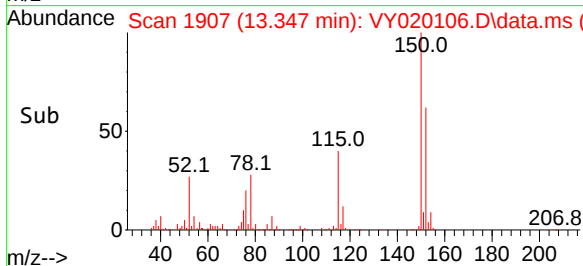


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020106.D
 Acq: 31 Oct 2024 19:43

Instrument :
 MSVOA_Y
 ClientSampleId :

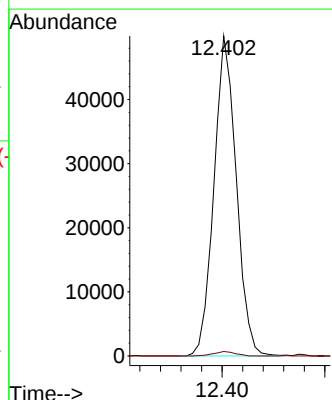
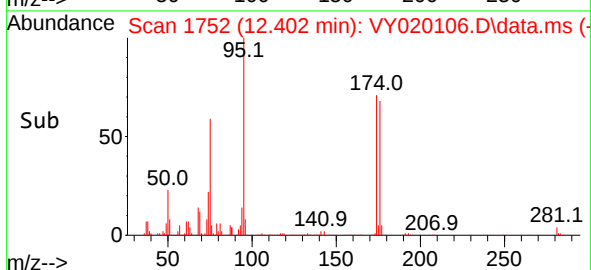
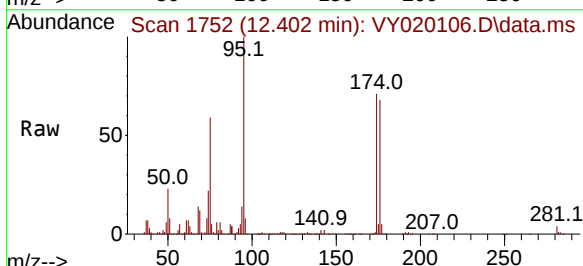


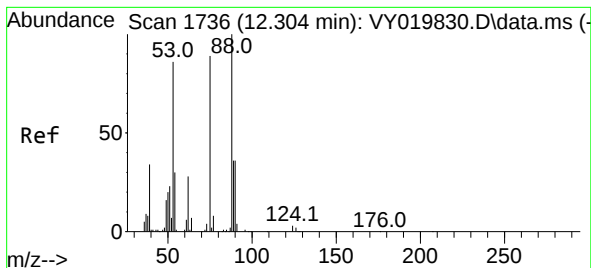
Tgt Ion:152 Resp: 113681
 Ion Ratio Lower Upper
 152 100
 115 63.8 28.2 84.7
 150 162.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 70.469 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020106.D
 Acq: 31 Oct 2024 19:43

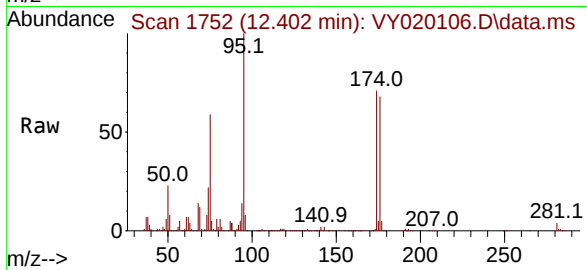
Tgt Ion: 75 Resp: 75095
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.577 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020106.D
 Acq: 31 Oct 2024 19:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 75095
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.2 35.8 53.6#

