

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020252.D
 Acq On : 11 Nov 2024 16:46
 Operator : SY/MD
 Sample : P4789-03
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 11 23:18:20 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)

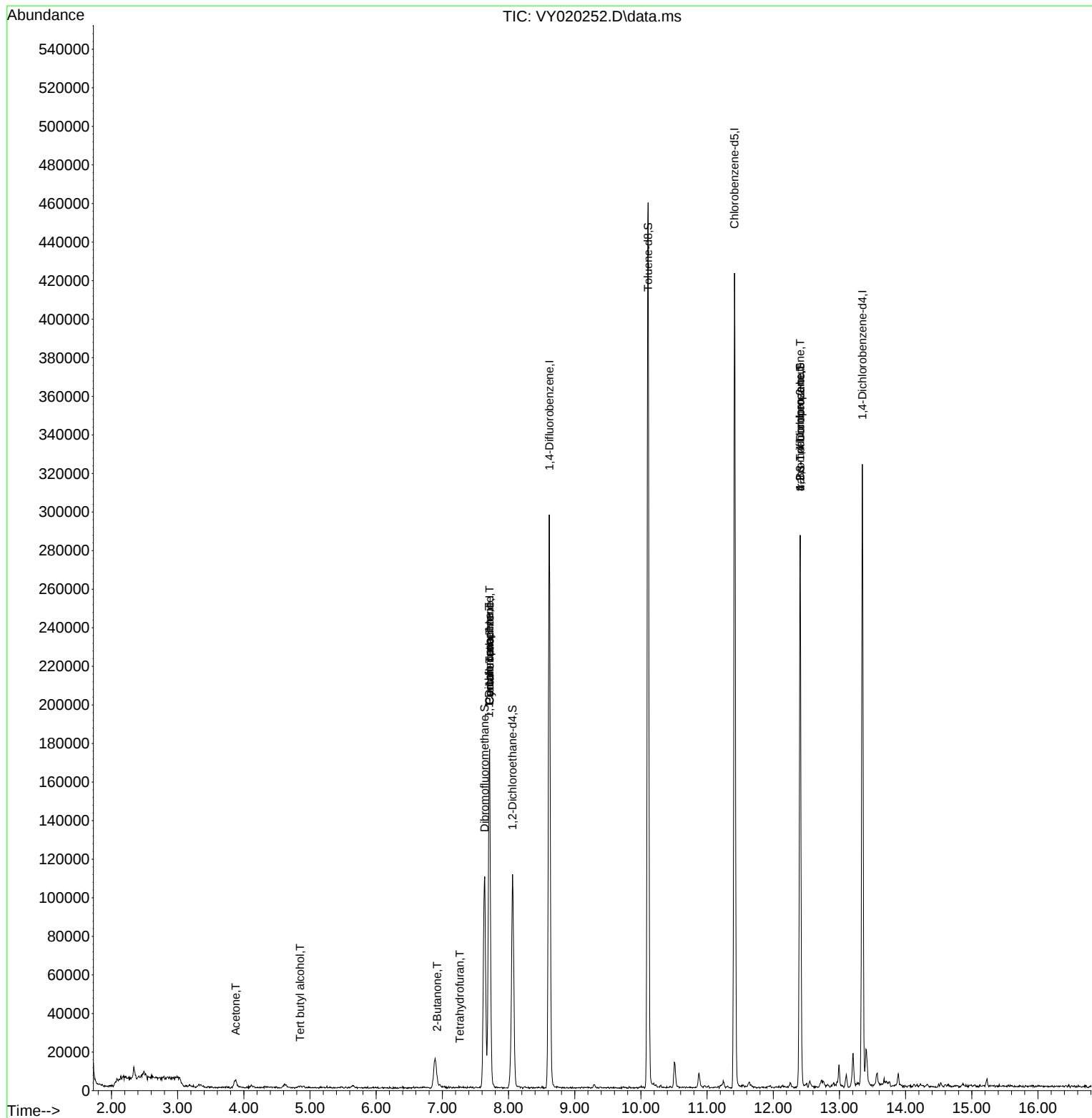
Internal Standards						
1) Pentafluorobenzene	7.713	168	119529	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	234648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	209503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	69599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81689	54.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.640	113	77122	51.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.380%	
50) Toluene-d8	10.109	98	287553	48.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.840%	
62) 4-Bromofluorobenzene	12.408	95	82536	42.790	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	1786	16.644	ug/l	# 88
16) Acetone	3.879	43	7346	21.175	ug/l	93
25) 2-Butanone	6.921	43	2075	4.412	ug/l	# 41
29) Tetrahydrofuran	7.262	42	324	1.194	ug/l	# 26
31) Cyclohexane	7.713	56	3653	1.349	ug/l	# 29
36) 1,1-Dichloropropene	7.707	75	12399	5.380	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	13572	5.856	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	49771	76.287	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	49771	164.091	ug/l	# 16

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

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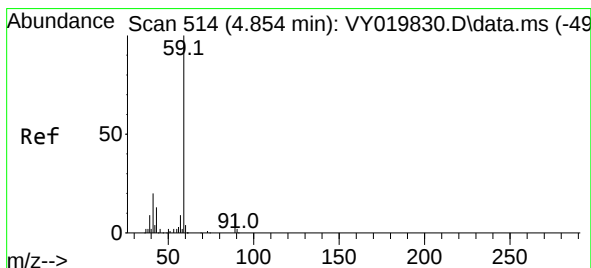
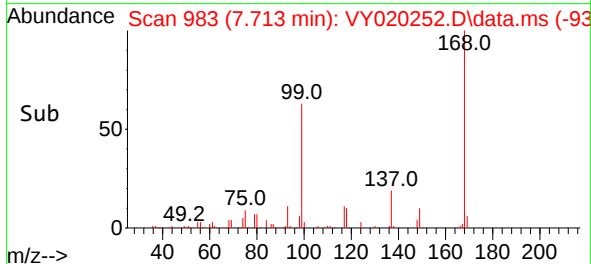
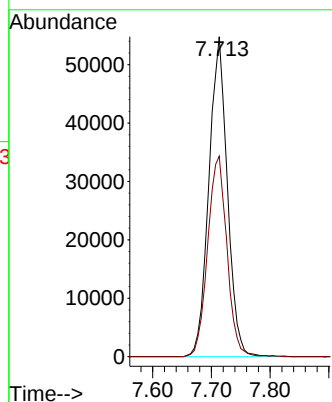
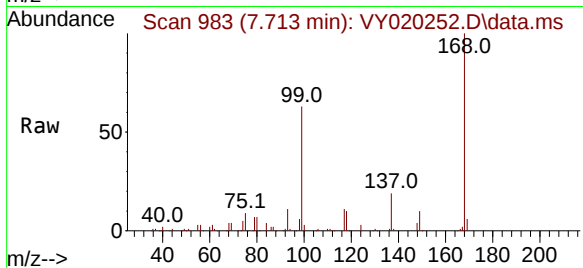




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

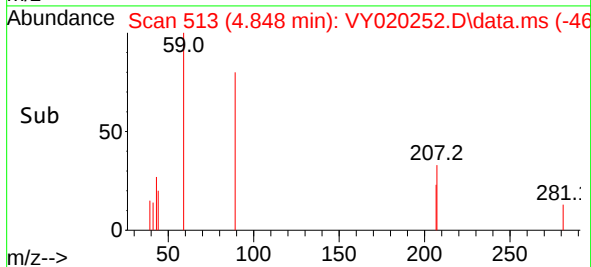
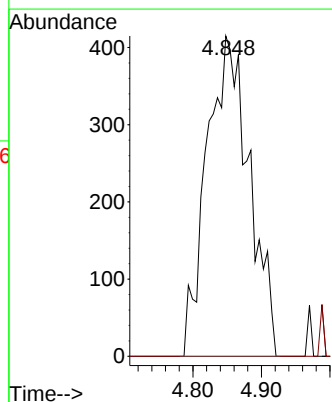
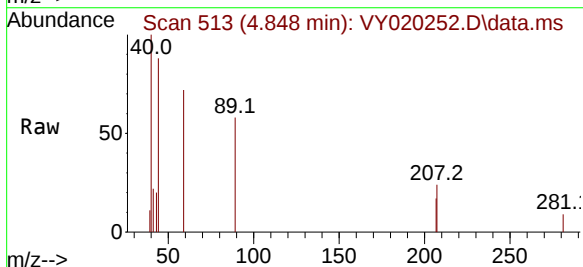
Instrument :
MSVOA_Y
ClientSampleId :

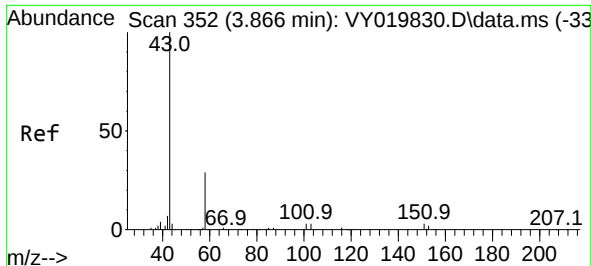
Tgt Ion:168 Resp: 119529
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: 16.644 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

Tgt Ion: 59 Resp: 1786
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

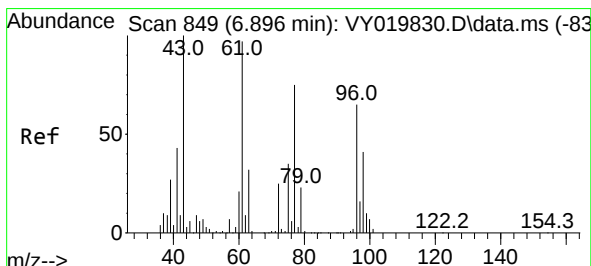
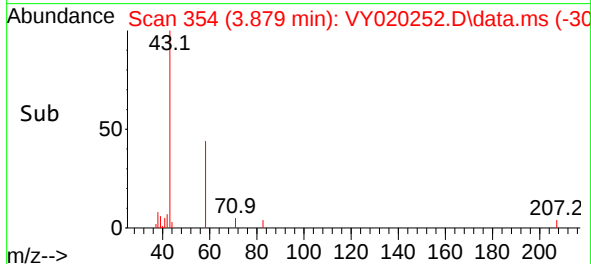
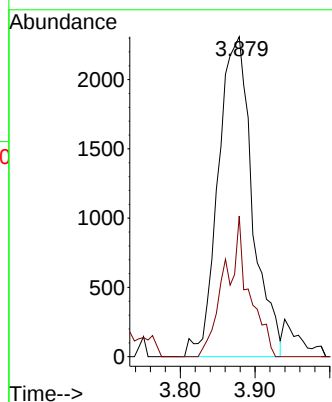
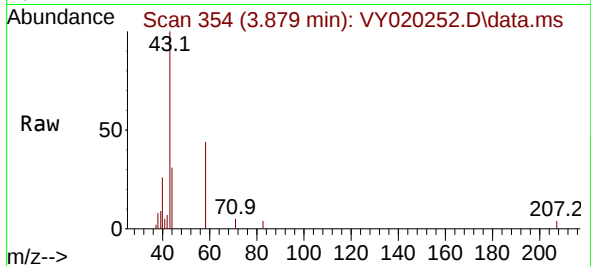




#16
Acetone
Concen: 21.175 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

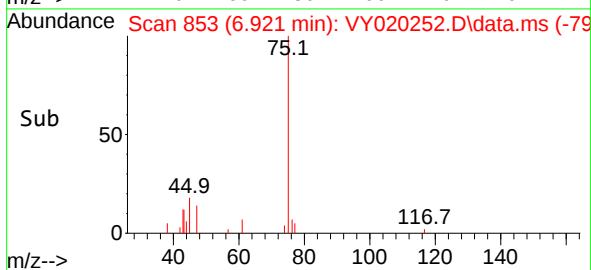
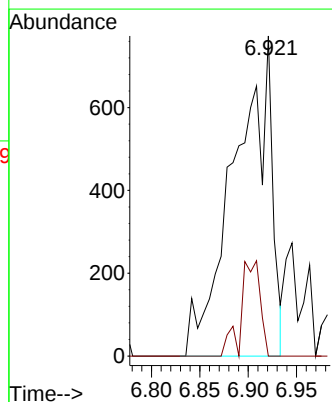
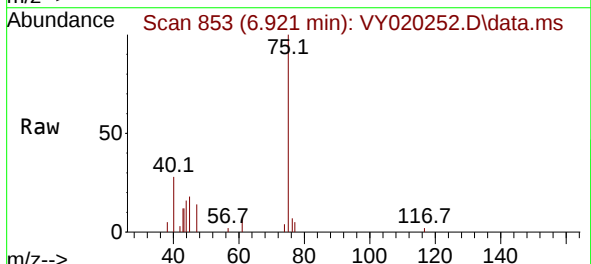
Instrument :
MSVOA_Y
ClientSampleId :

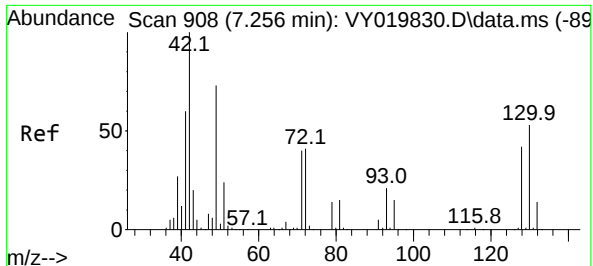
Tgt Ion: 43 Resp: 7346
Ion Ratio Lower Upper
43 100
58 44.0 31.7 47.5



#25
2-Butanone
Concen: 4.412 ug/l
RT: 6.921 min Scan# 853
Delta R.T. 0.031 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

Tgt Ion: 43 Resp: 2075
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#29

Tetrahydrofuran

Concen: 1.194 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020252.D

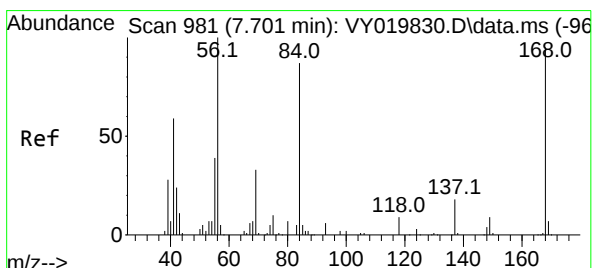
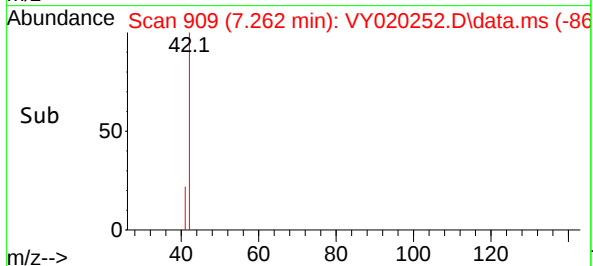
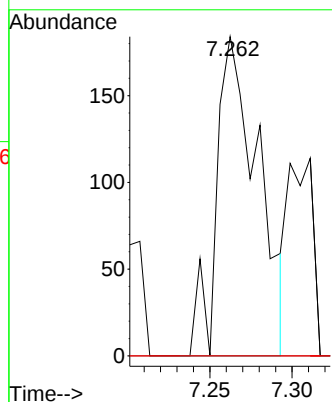
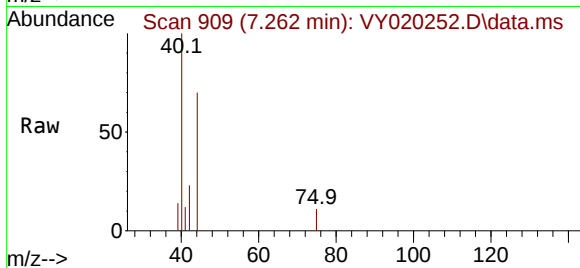
Acq: 11 Nov 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 324
Ion Ratio	Lower Upper
42	100
72	0.0 43.0 64.4#
71	0.0 40.8 61.2#



#31

Cyclohexane

Concen: 1.349 ug/l

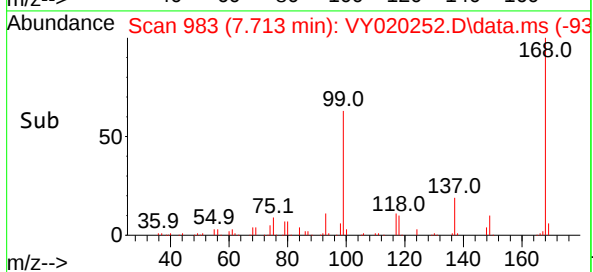
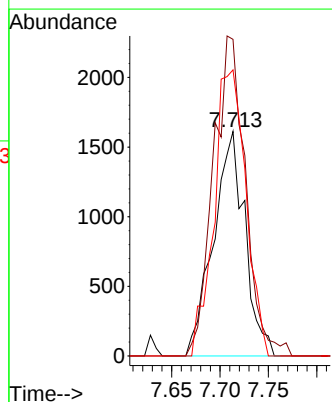
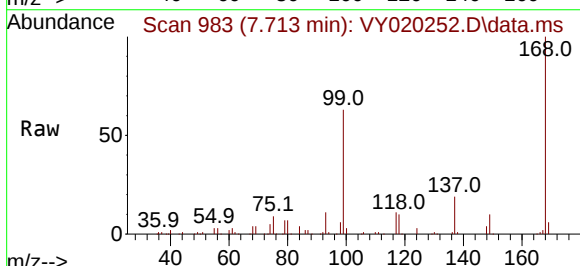
RT: 7.713 min Scan# 983

Delta R.T. 0.013 min

Lab File: VY020252.D

Acq: 11 Nov 2024 16:46

Tgt Ion: 56	Resp: 3653
Ion Ratio	Lower Upper
56	100
69	141.1 28.7 43.1#
84	127.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.759 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020252.D

Acq: 11 Nov 2024 16:46

Instrument :

MSVOA_Y

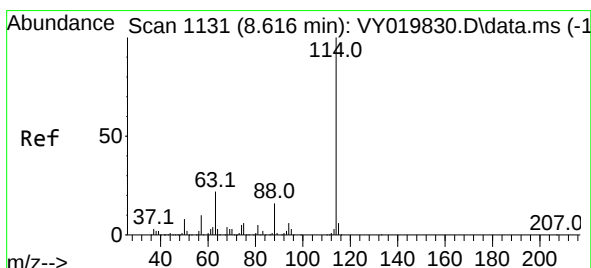
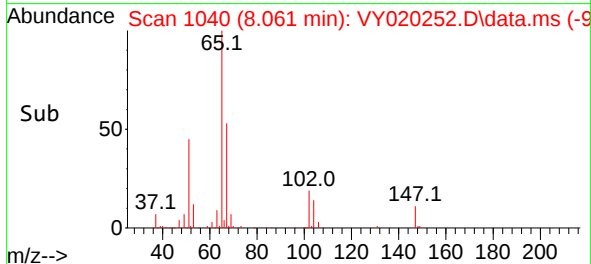
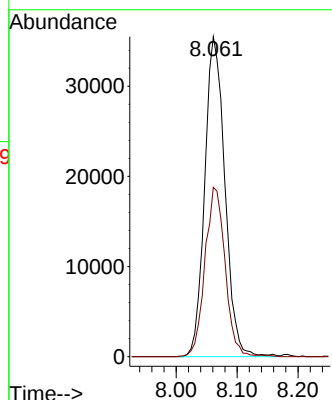
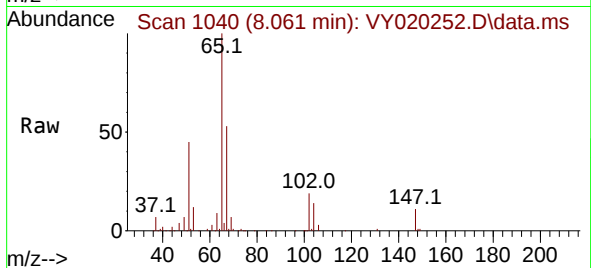
ClientSampleId :

Tgt Ion: 65 Resp: 81689

Ion Ratio Lower Upper

65 100

67 53.0 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: VY020252.D

Acq: 11 Nov 2024 16:46

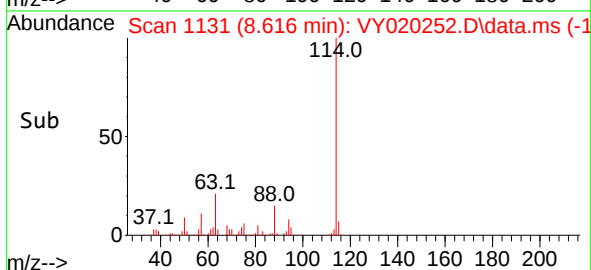
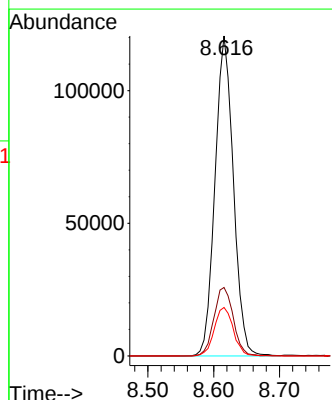
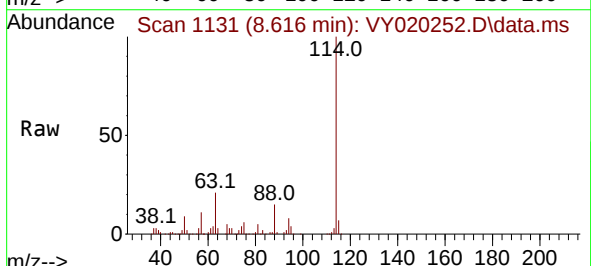
Tgt Ion: 114 Resp: 234648

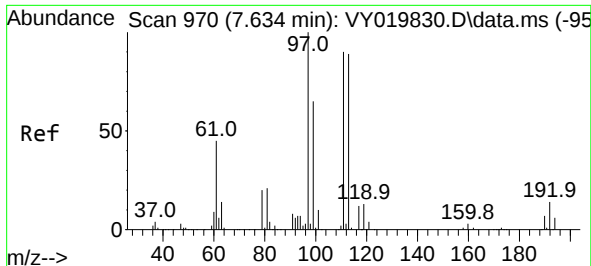
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.695 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

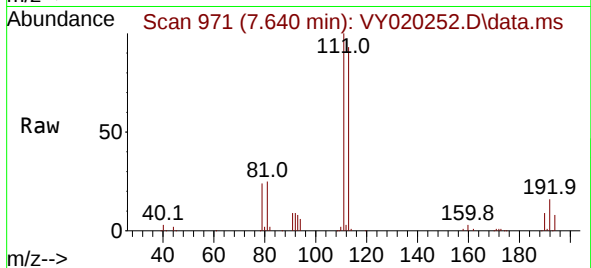
Lab File: VY020252.D

Acq: 11 Nov 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :



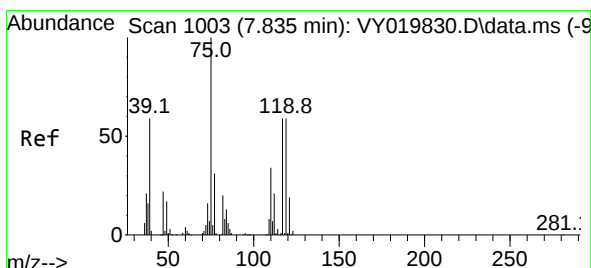
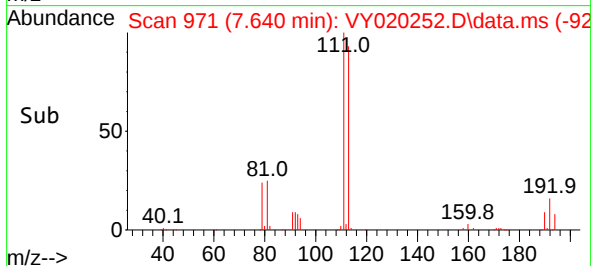
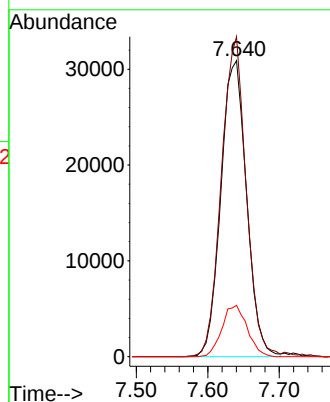
Tgt Ion:113 Resp: 77122

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 17.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.380 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020252.D

Acq: 11 Nov 2024 16:46

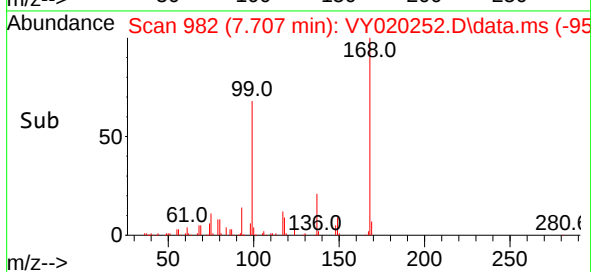
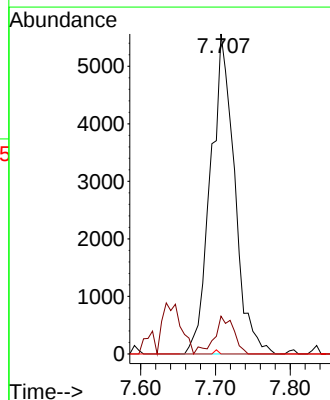
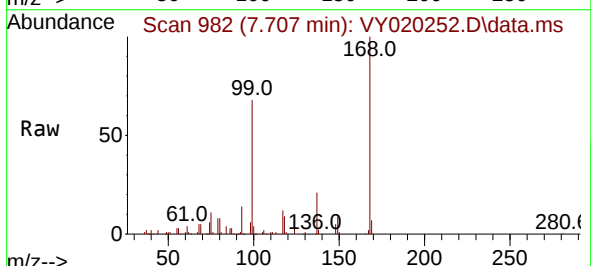
Tgt Ion: 75 Resp: 12399

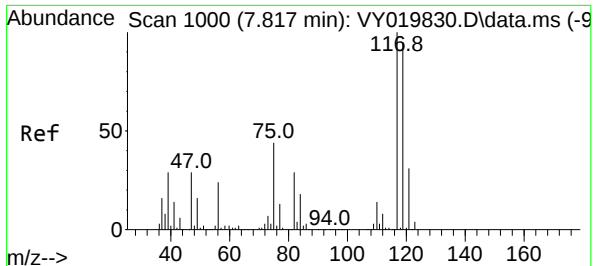
Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

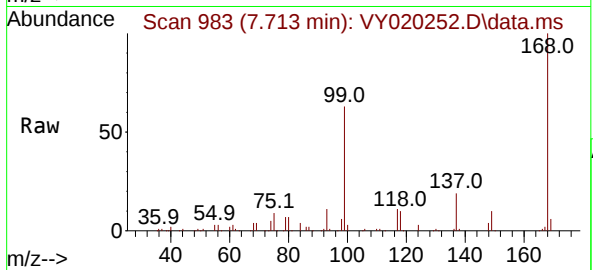
77 0.2 25.3 37.9#



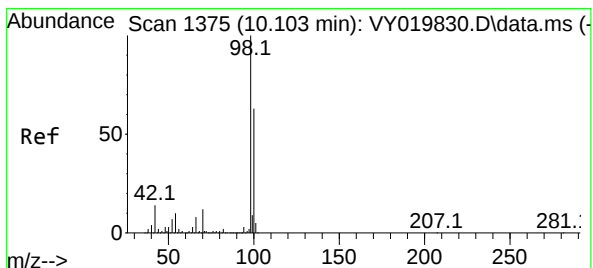
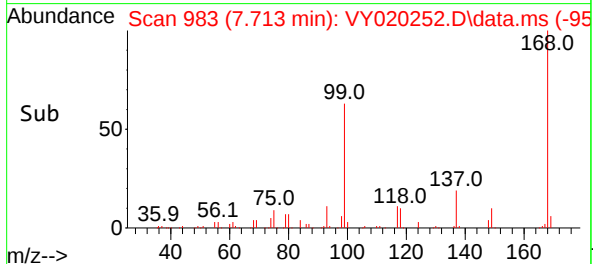
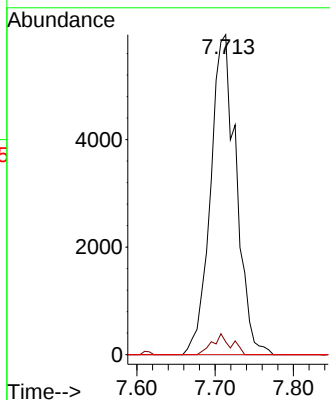


#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :

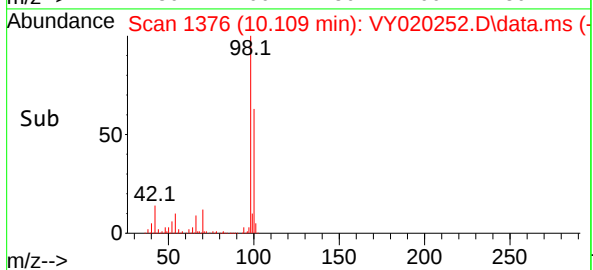
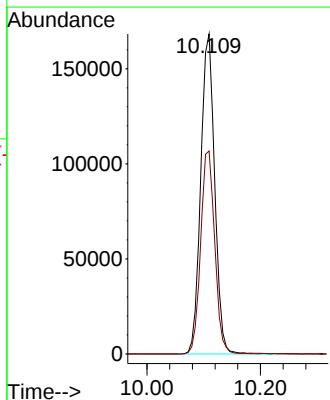
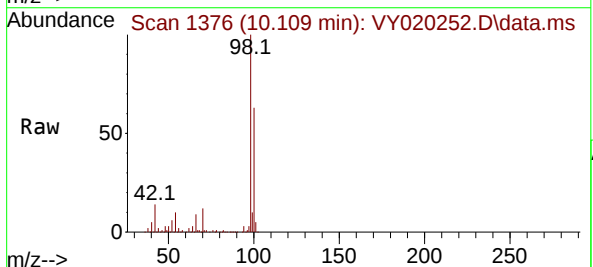


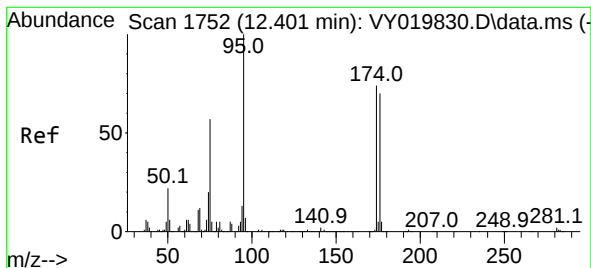
Tgt Ion:117 Resp: 13572
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.423 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

Tgt Ion: 98 Resp: 287553
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.790 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020252.D

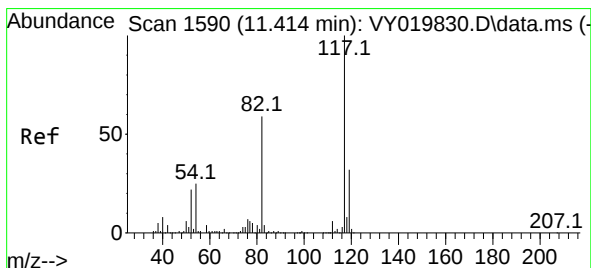
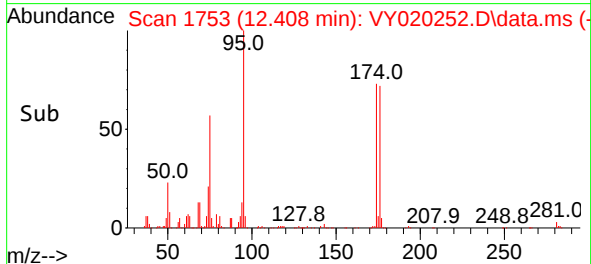
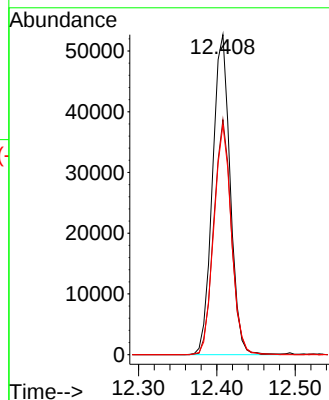
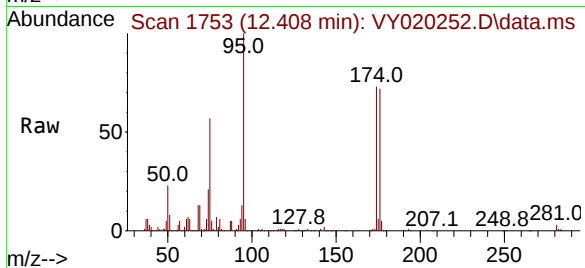
Acq: 11 Nov 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp: 82536
Ion Ratio	Lower Upper
95 100	
174 72.5	0.0 175.6
176 71.5	0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

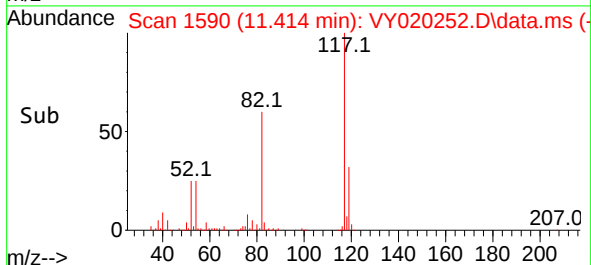
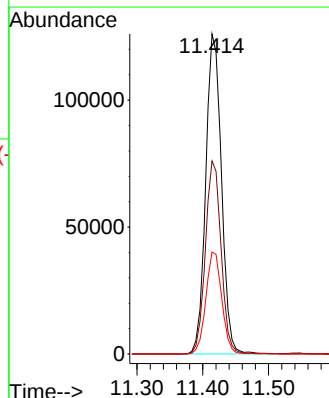
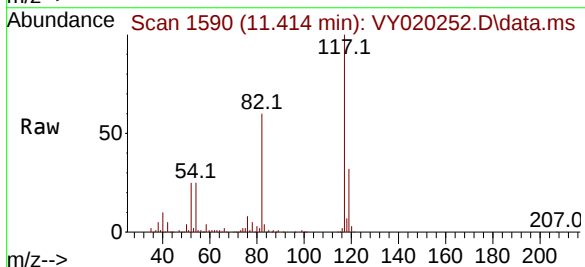
RT: 11.414 min Scan# 1590

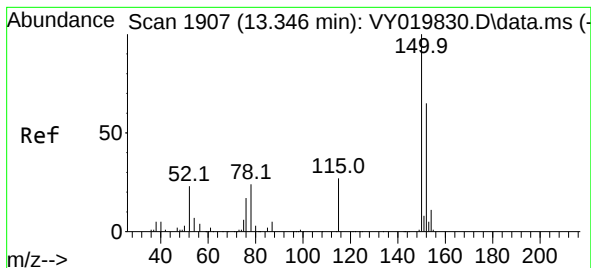
Delta R.T. -0.006 min

Lab File: VY020252.D

Acq: 11 Nov 2024 16:46

Tgt Ion: 117	Resp: 209503
Ion Ratio	Lower Upper
117 100	
82 60.3	42.4 63.6
119 31.9	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: VY020252.D

Acq: 11 Nov 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

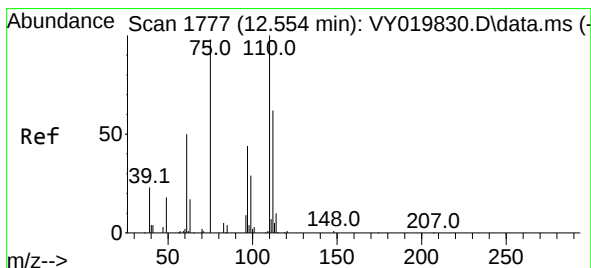
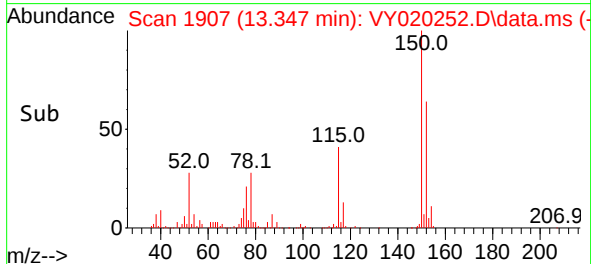
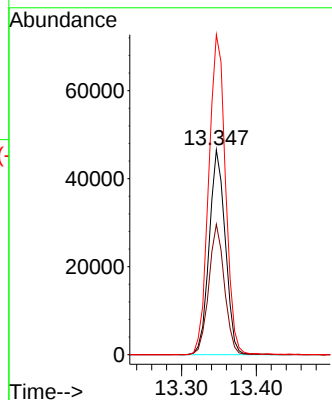
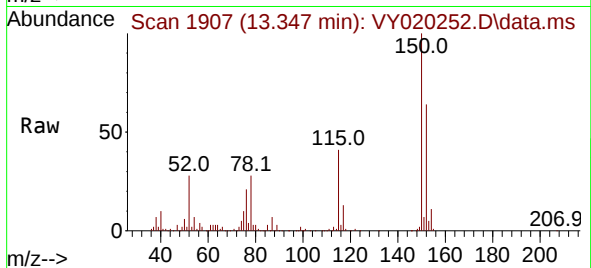
Tgt Ion:152 Resp: 69599

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 162.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 76.287 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020252.D

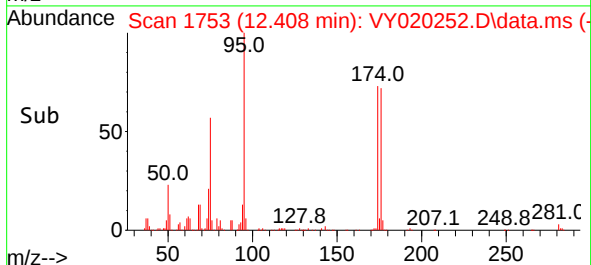
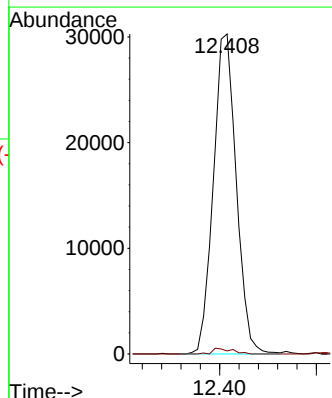
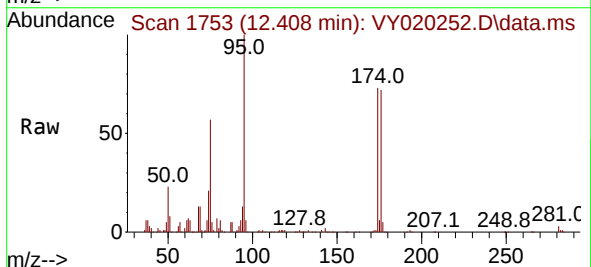
Acq: 11 Nov 2024 16:46

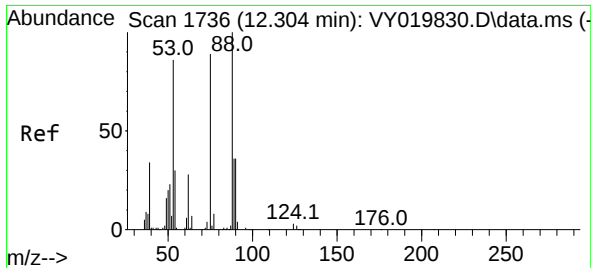
Tgt Ion: 75 Resp: 49771

Ion Ratio Lower Upper

75 100

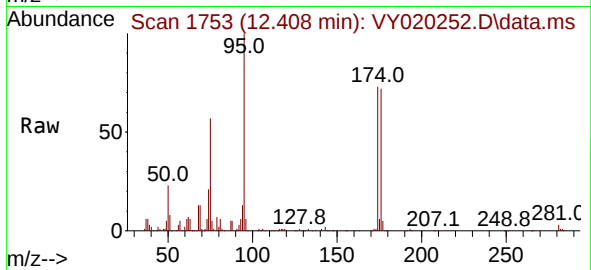
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 164.091 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :



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

