

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020835.D
 Acq On : 15 Jan 2025 16:26
 Operator : SY/MD
 Sample : 01093-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 16 00:59:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

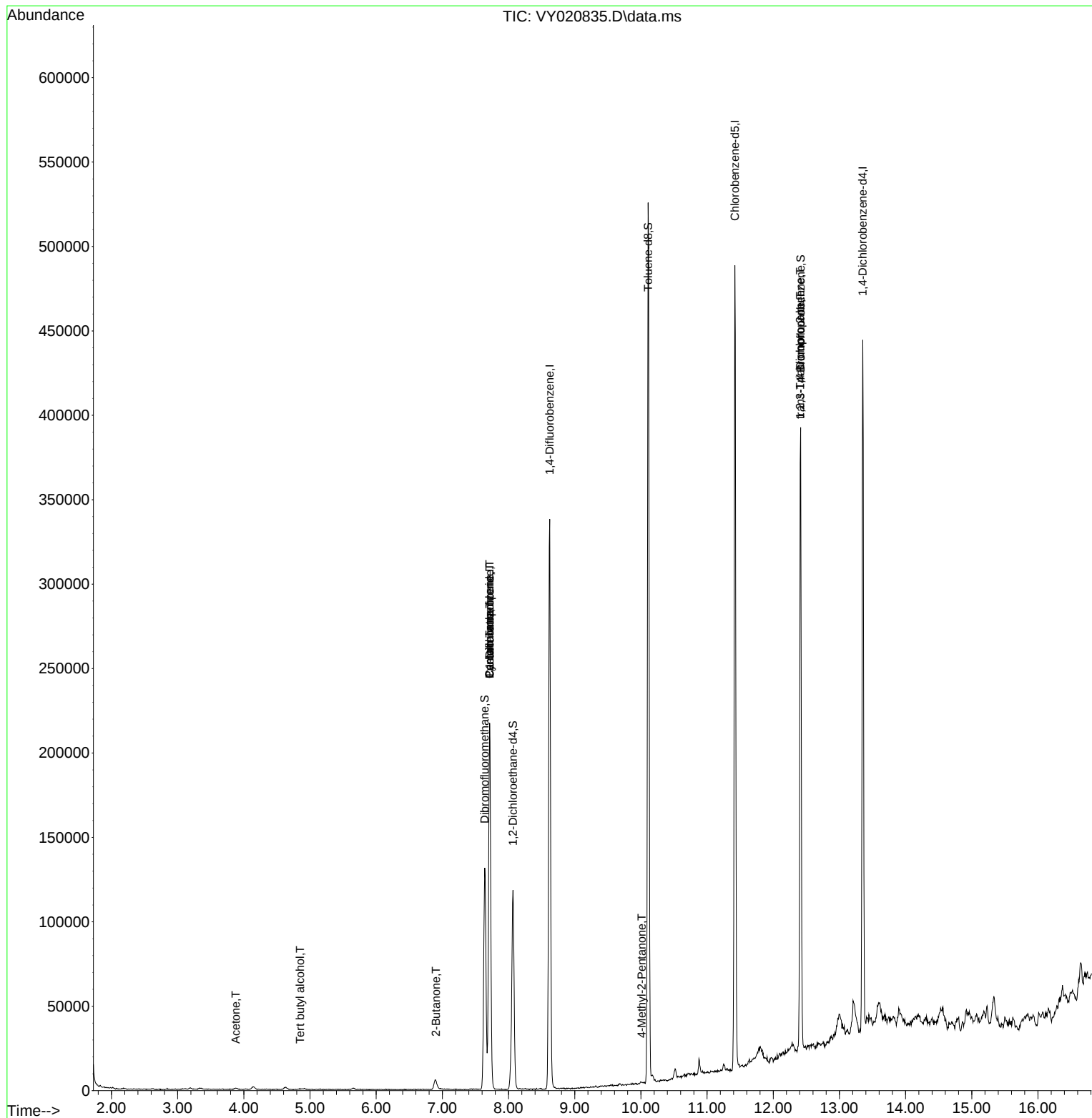
Internal Standards						
1) Pentafluorobenzene	7.713	168	173746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	300571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	265324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	108948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	89044	60.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.600%	
35) Dibromofluoromethane	7.640	113	94397	50.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.260%	
50) Toluene-d8	10.109	98	353505	53.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.414	95	115720	47.737	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	351	3.145	ug/l #	73
16) Acetone	3.879	43	1560	7.429	ug/l #	80
25) 2-Butanone	6.902	43	464	1.345	ug/l #	45
31) Cyclohexane	7.713	56	3216	1.497	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	11888	4.950	ug/l #	51
38) Carbon Tetrachloride	7.713	117	16945	5.068	ug/l #	16
51) 4-Methyl-2-Pentanone	10.012	43	1053	1.084	ug/l #	71
76) 1,2,3-Trichloropropane	12.408	75	56754	59.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	56754	125.534	ug/l #	14

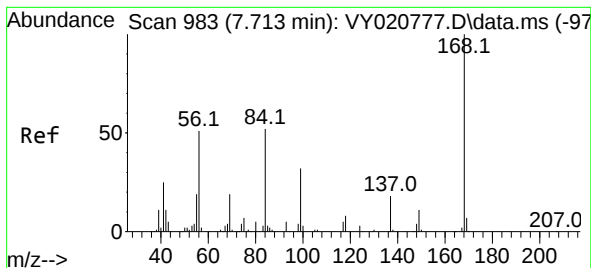
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020835.D

Acq: 15 Jan 2025 16:26

Instrument :

MSVOA_Y

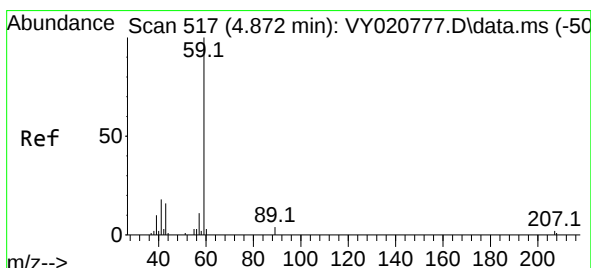
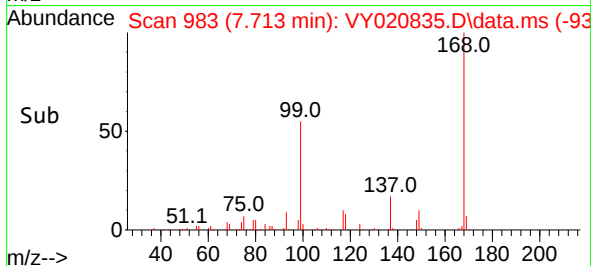
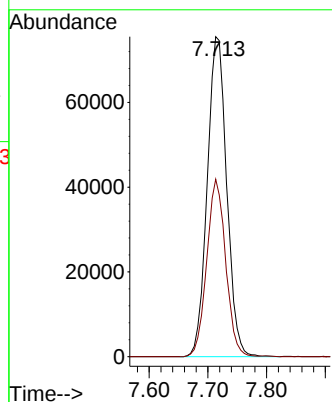
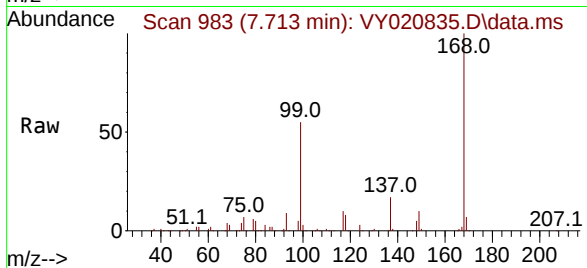
ClientSampleId :

Tgt Ion:168 Resp: 173746

Ion Ratio Lower Upper

168 100

99 55.5 44.3 66.5



#11

Tert butyl alcohol

Concen: 3.145 ug/l

RT: 4.848 min Scan# 513

Delta R.T. -0.024 min

Lab File: VY020835.D

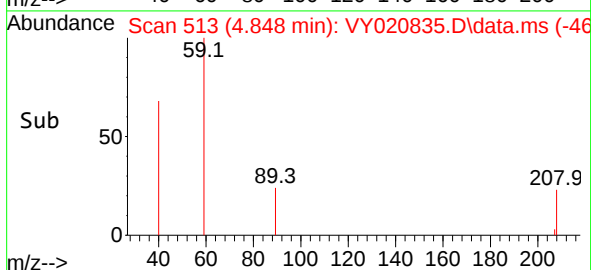
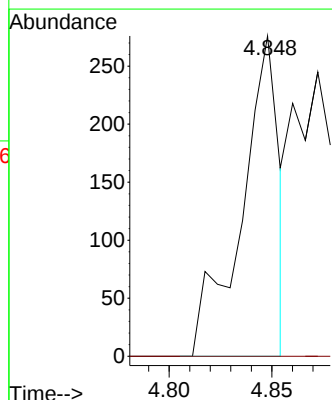
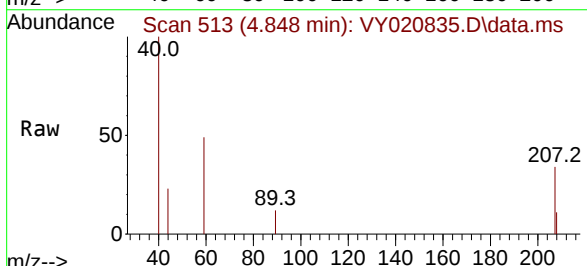
Acq: 15 Jan 2025 16:26

Tgt Ion: 59 Resp: 351

Ion Ratio Lower Upper

59 100

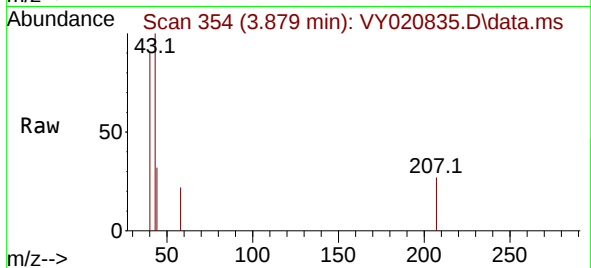
57 0.0 7.8 11.8#



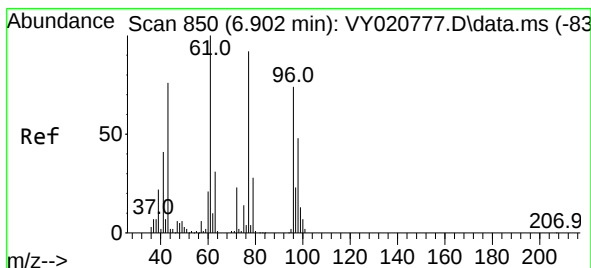
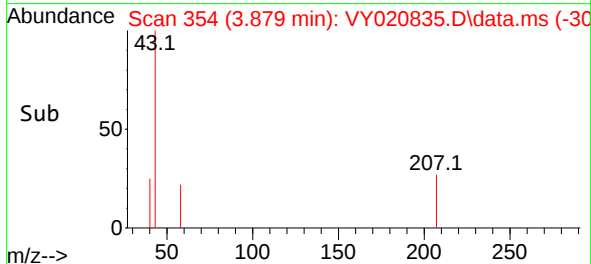
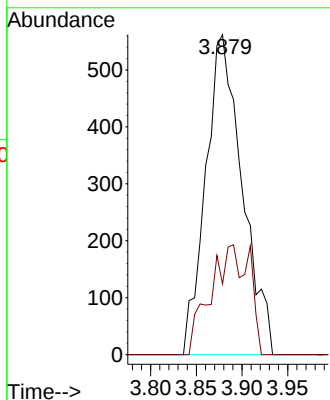


#16
Acetone
Concen: 7.429 ug/l
RT: 3.879 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

Instrument :
MSVOA_Y
ClientSampleId :

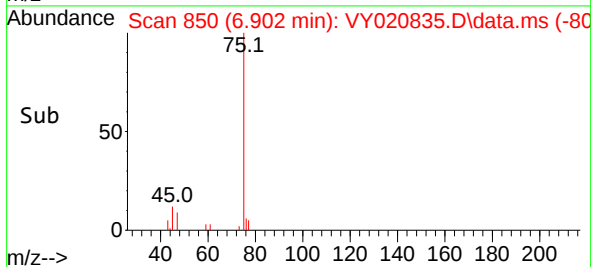
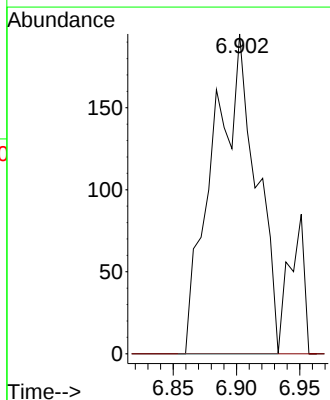
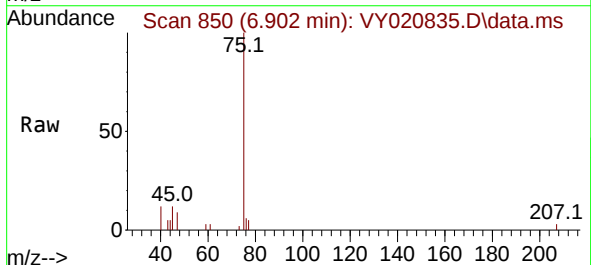


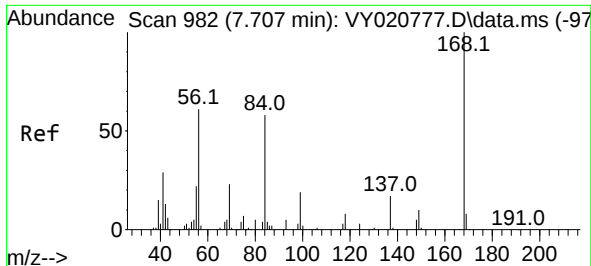
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 22.1 26.7 40.1#



#25
2-Butanone
Concen: 1.345 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

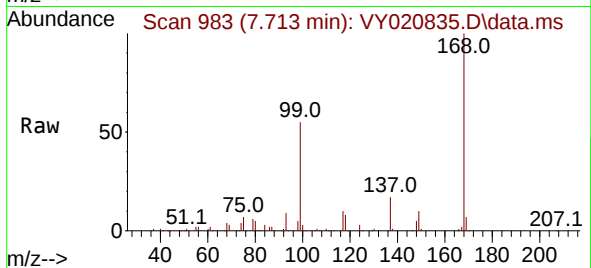
Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



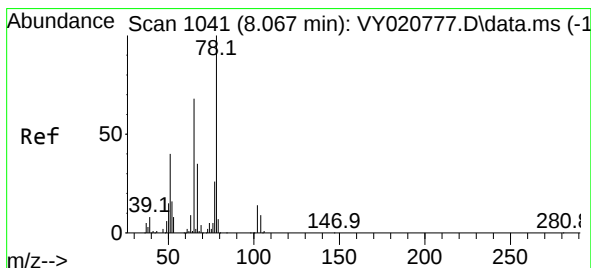
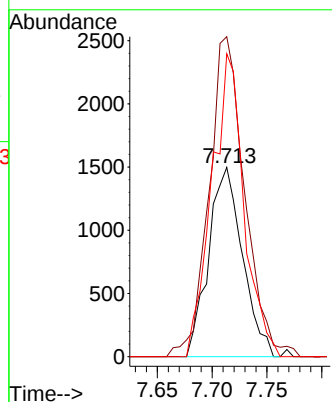
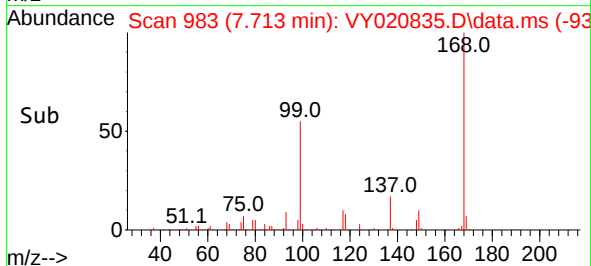


#31
Cyclohexane
Concen: 1.497 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

Instrument :
MSVOA_Y
ClientSampleId :

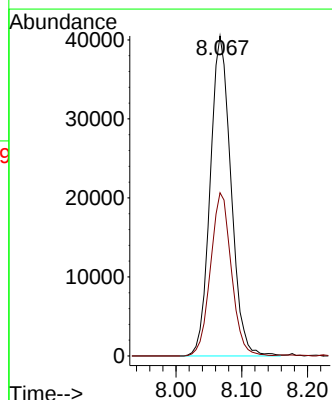
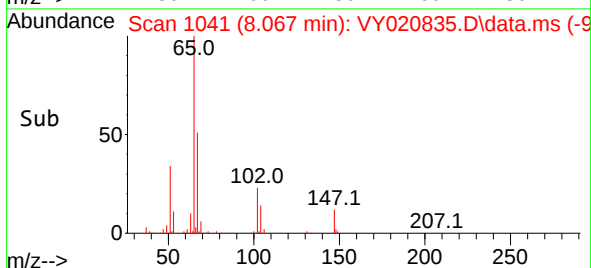
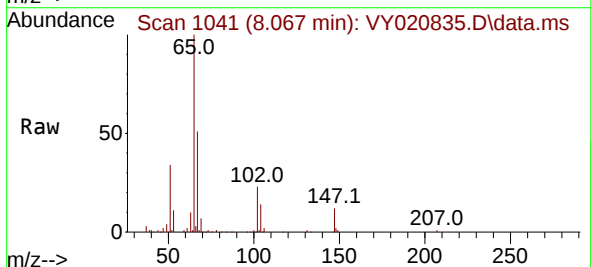


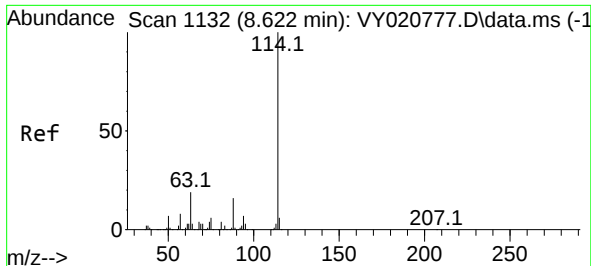
Tgt Ion: 56 Resp: 3216
Ion Ratio Lower Upper
56 100
69 164.1 30.5 45.7#
84 160.0 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 60.296 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

Tgt Ion: 65 Resp: 89044
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020835.D

Acq: 15 Jan 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

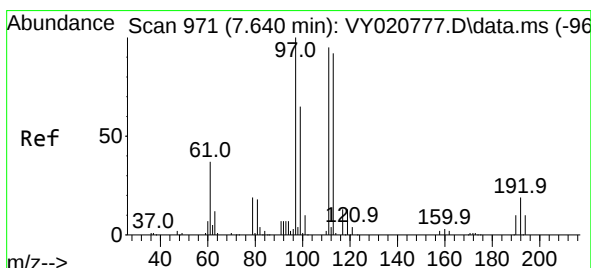
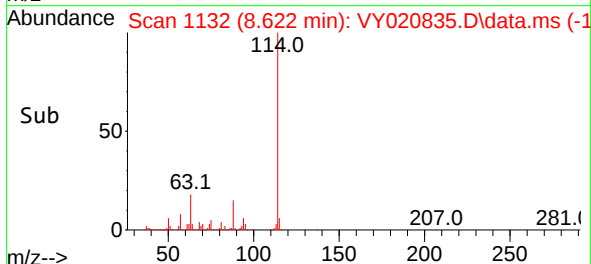
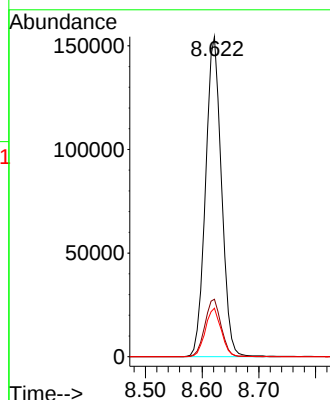
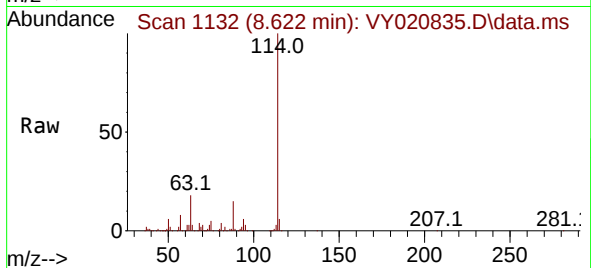
Tgt Ion:114 Resp: 300571

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 15.1 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.130 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY020835.D

Acq: 15 Jan 2025 16:26

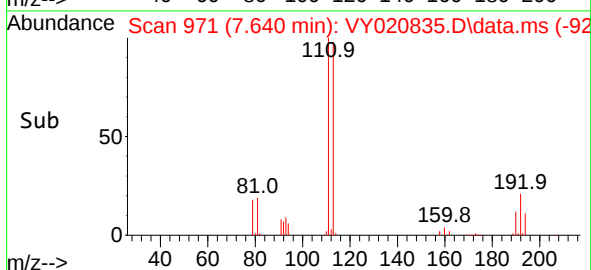
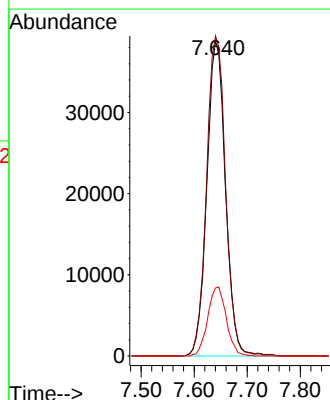
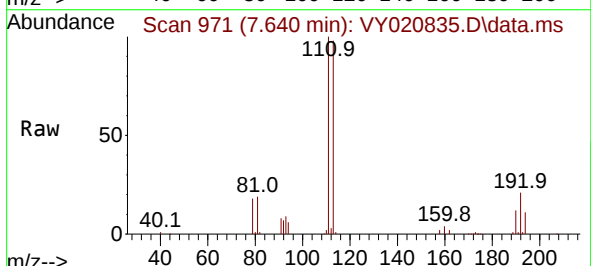
Tgt Ion:113 Resp: 94397

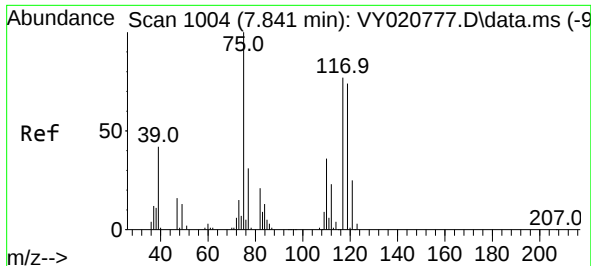
Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

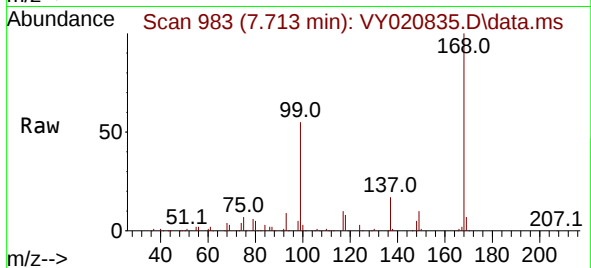
192 21.9 16.7 25.1



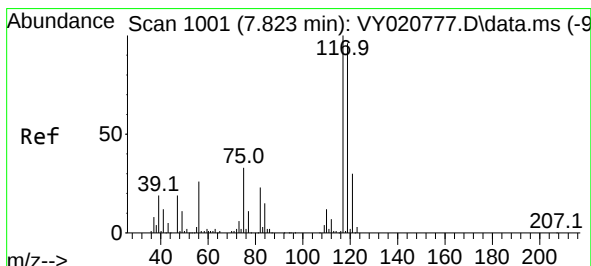
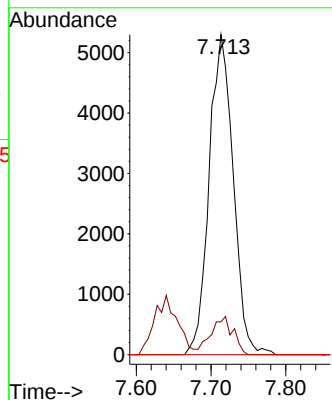
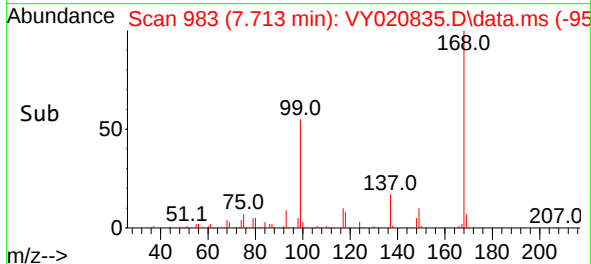


#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

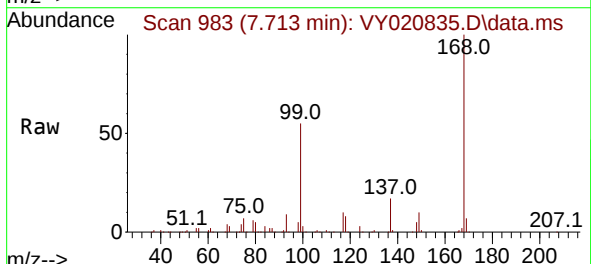
Instrument :
MSVOA_Y
ClientSampleId :



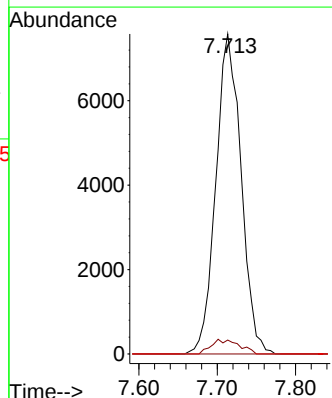
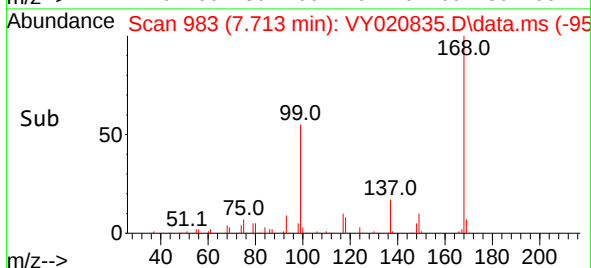
Tgt Ion: 75 Resp: 11888
Ion Ratio Lower Upper
75 100
110 11.1 18.5 55.5#
77 0.0 25.0 37.4#

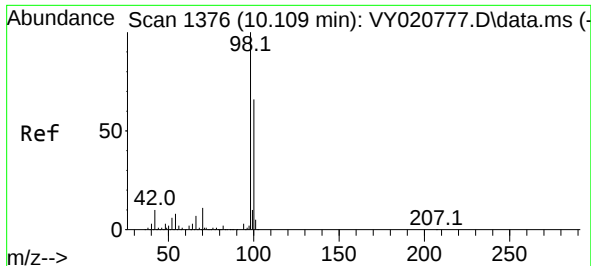


#38
Carbon Tetrachloride
Concen: 5.068 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26



Tgt Ion: 117 Resp: 16945
Ion Ratio Lower Upper
117 100
119 4.4 76.5 114.7#
121 0.0 24.3 36.5#

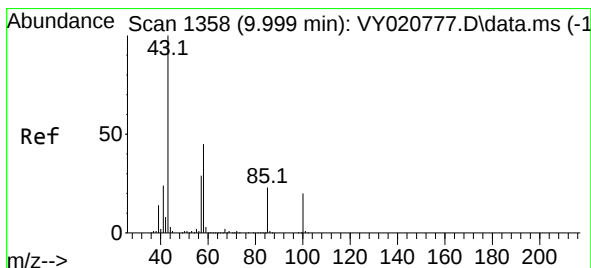
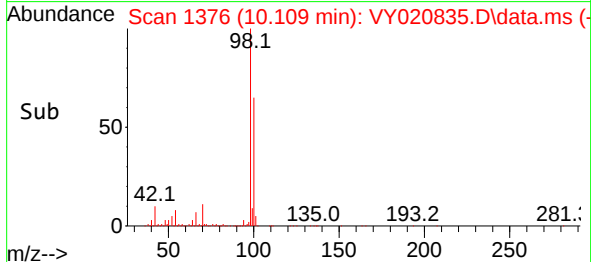
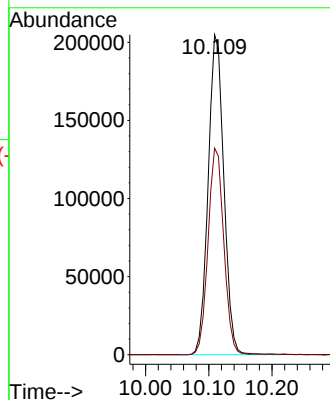
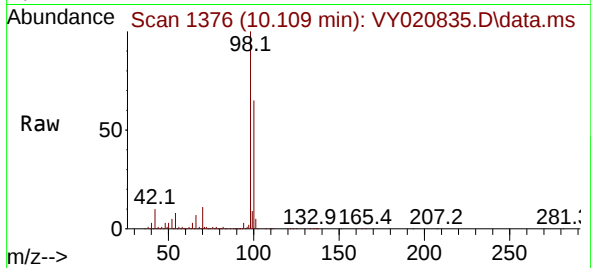




#50
Toluene-d8
Concen: 53.852 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

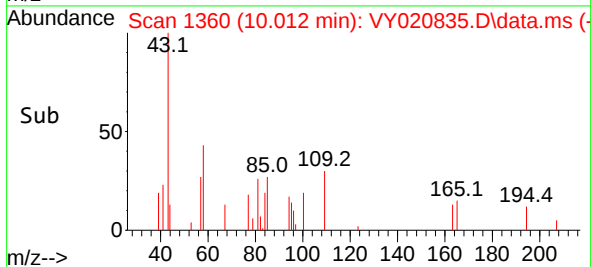
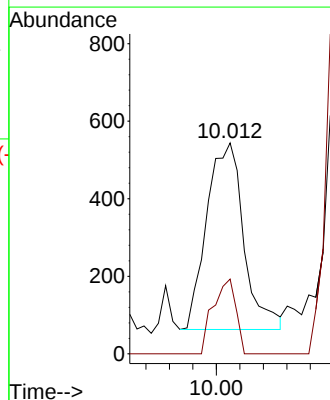
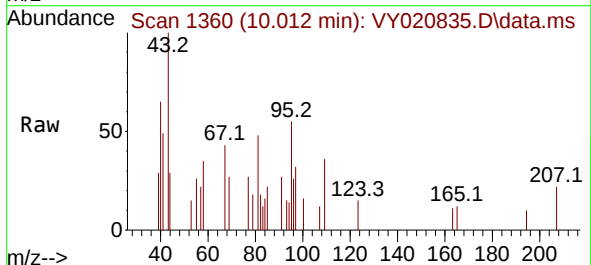
Instrument :
MSVOA_Y
ClientSampleId :

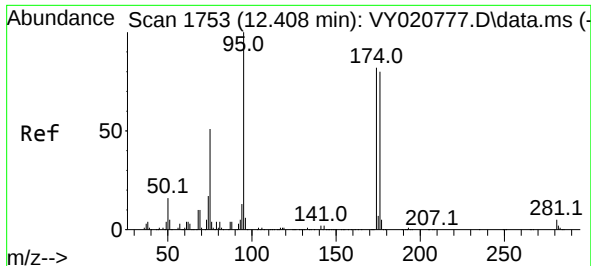
Tgt Ion: 98 Resp: 353505
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.084 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 24.7 34.8 52.2#





#62

4-Bromofluorobenzene

Concen: 47.737 ug/l

RT: 12.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020835.D

Acq: 15 Jan 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

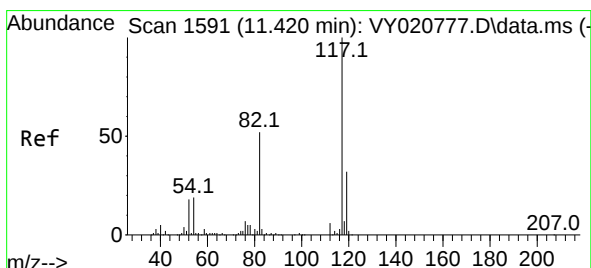
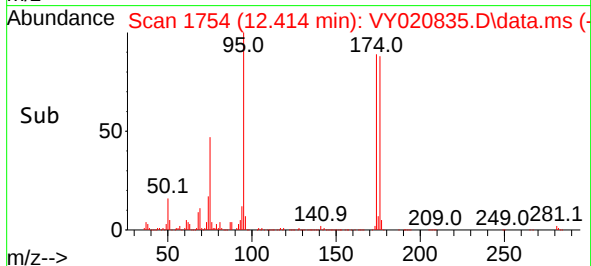
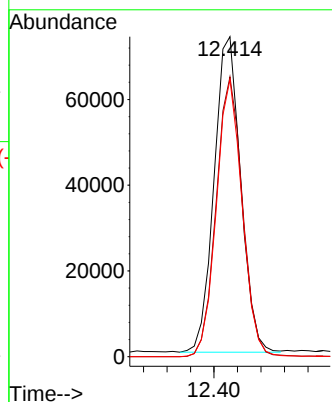
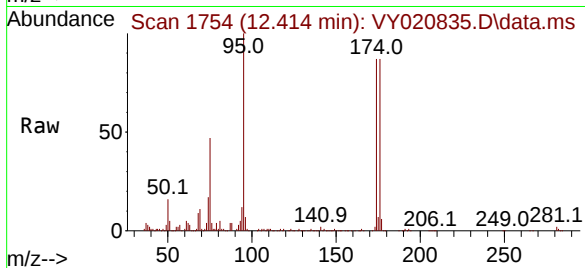
Tgt Ion: 95 Resp: 115720

Ion Ratio Lower Upper

95 100

174 88.0 0.0 178.0

176 85.4 0.0 172.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY020835.D

Acq: 15 Jan 2025 16:26

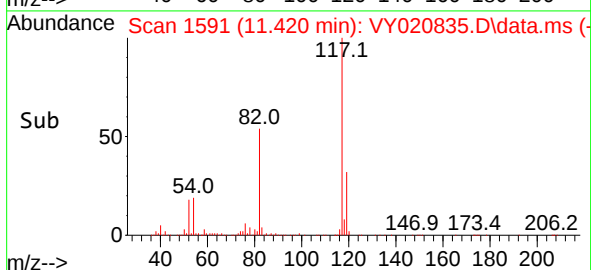
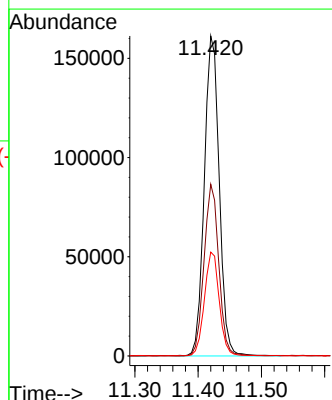
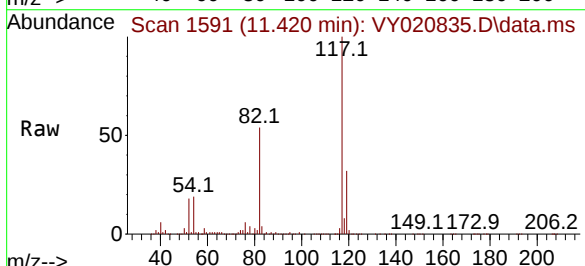
Tgt Ion: 117 Resp: 265324

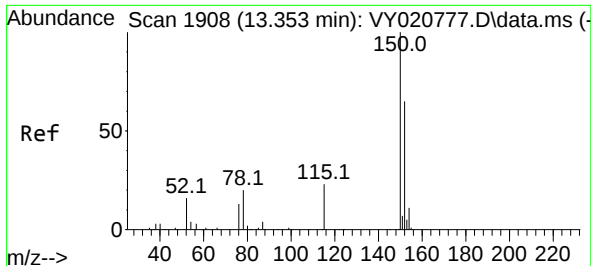
Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.6

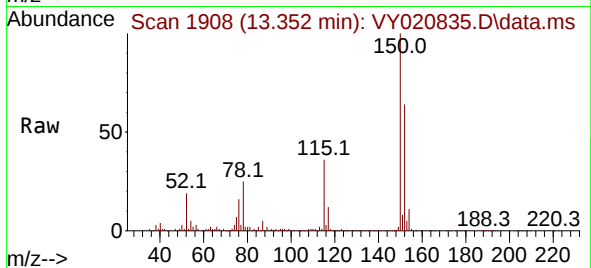
119 32.4 25.8 38.8



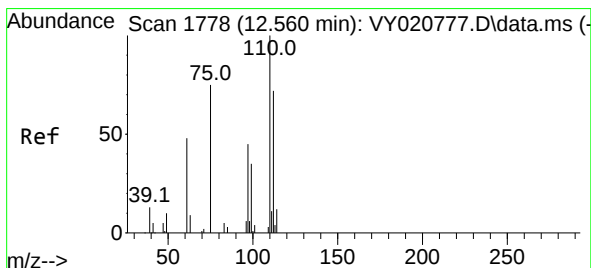
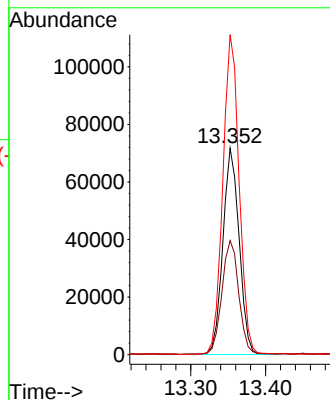
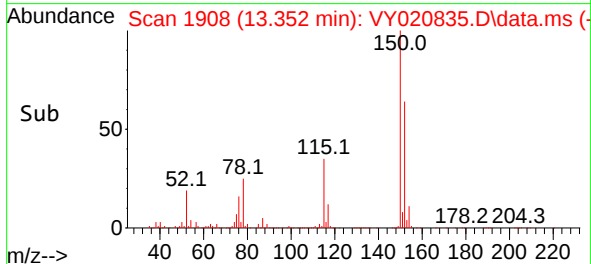


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

Instrument :
MSVOA_Y
ClientSampleId :

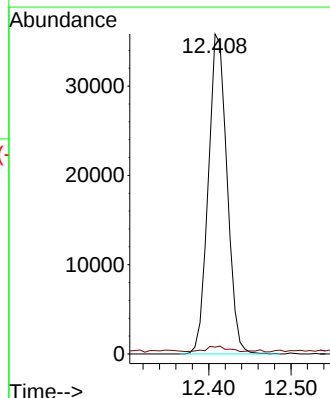
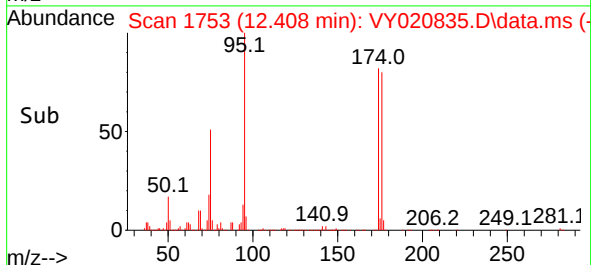
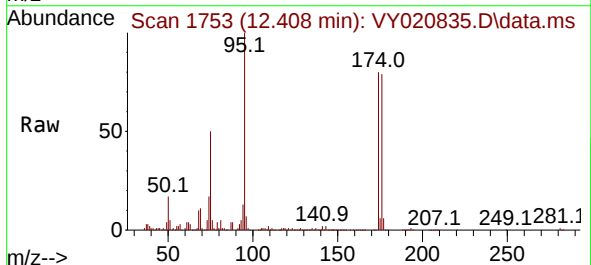


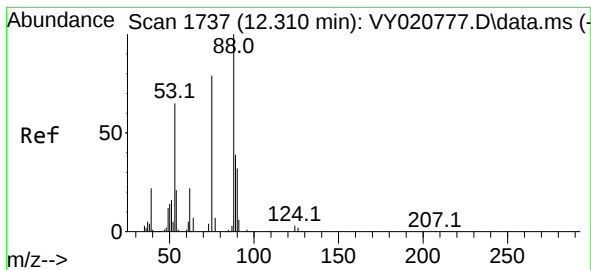
Tgt Ion:152 Resp: 108948
Ion Ratio Lower Upper
152 100
115 56.7 29.0 87.0
150 155.5 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 59.536 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020835.D
Acq: 15 Jan 2025 16:26

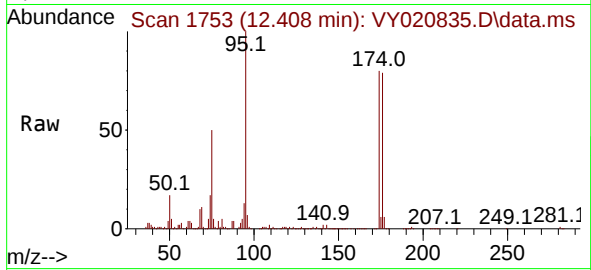
Tgt Ion: 75 Resp: 56754
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.534 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY020835.D
 Acq: 15 Jan 2025 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	69.4	104.0#
89	0.1	39.6	59.4#

