

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020843.D
 Acq On : 17 Jan 2025 09:58
 Operator : SY/MD
 Sample : VY0117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:20:52 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)

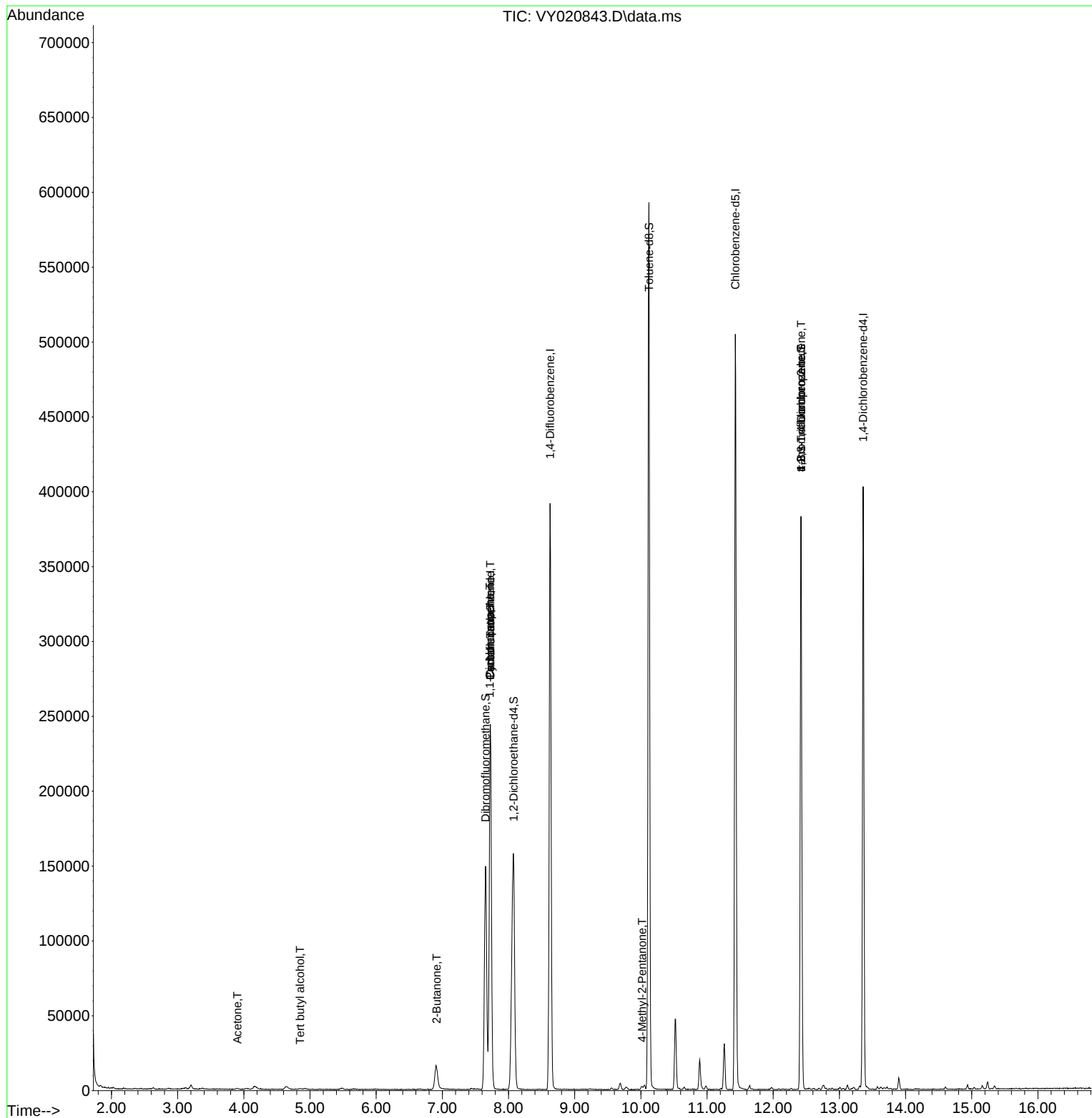
Internal Standards						
1) Pentafluorobenzene	7.726	168	200062	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	345659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	287210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	106983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	96356	56.665	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.320%	
35) Dibromofluoromethane	7.652	113	107623	49.698	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.400%	
50) Toluene-d8	10.122	98	398622	52.804	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.600%	
62) 4-Bromofluorobenzene	12.420	95	114764	41.167	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	906	7.051	ug/l #	73
16) Acetone	3.903	43	1323	5.471	ug/l #	74
25) 2-Butanone	6.915	43	907	2.283	ug/l #	45
31) Cyclohexane	7.726	56	3320	1.342	ug/l #	4
36) 1,1-Dichloropropene	7.720	75	13562	4.910	ug/l #	49
38) Carbon Tetrachloride	7.726	117	19296	5.019	ug/l #	15
51) 4-Methyl-2-Pentanone	10.018	43	1603	1.435	ug/l	91
76) 1,2,3-Trichloropropane	12.420	75	57957	61.915	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	57957	130.549	ug/l #	14

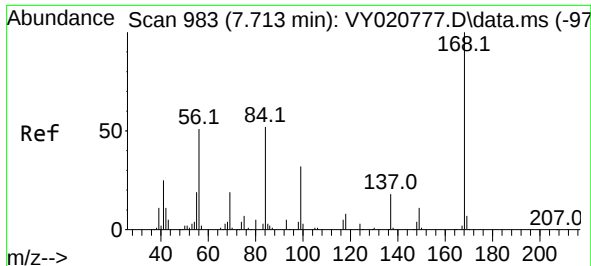
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020843.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

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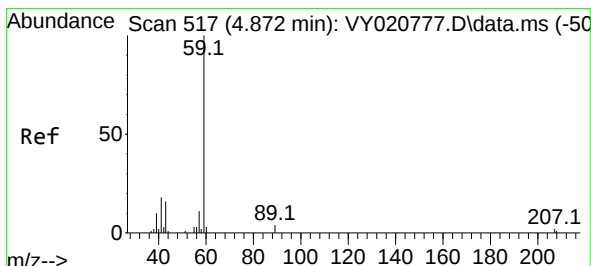
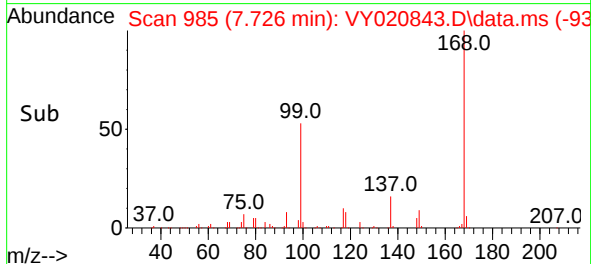
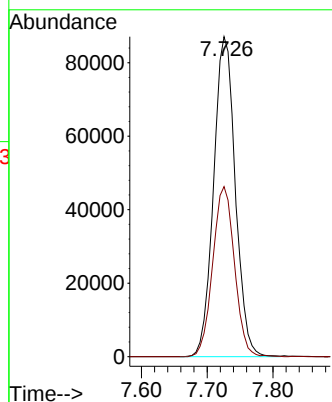
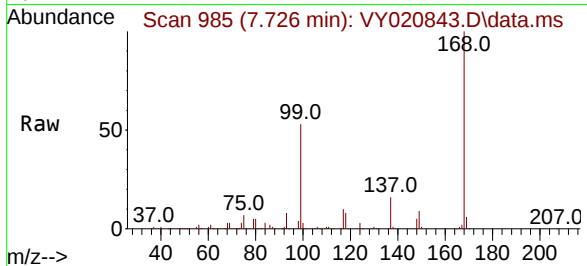




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

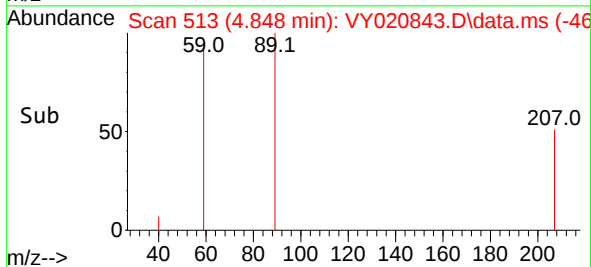
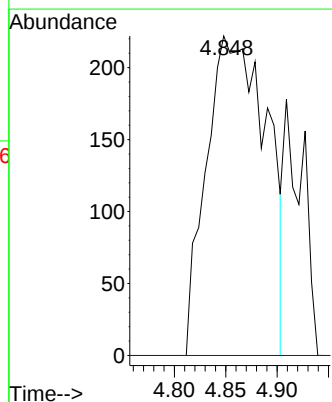
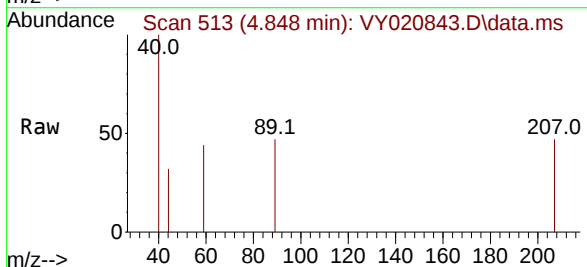
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 200062
Ion Ratio Lower Upper
168 100
99 53.2 44.3 66.5



#11
Tert butyl alcohol
Concen: 7.051 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

Tgt Ion: 59 Resp: 906
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

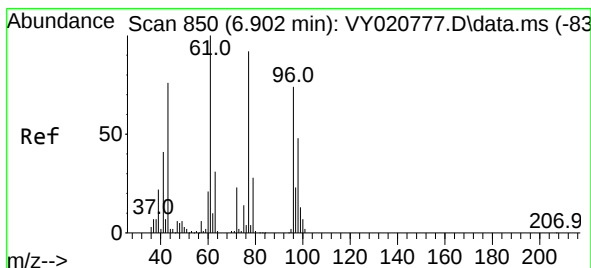
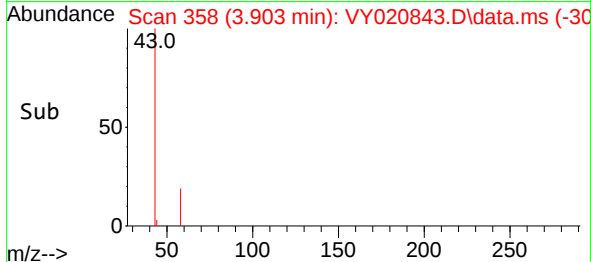
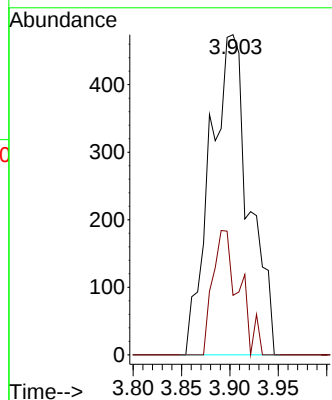
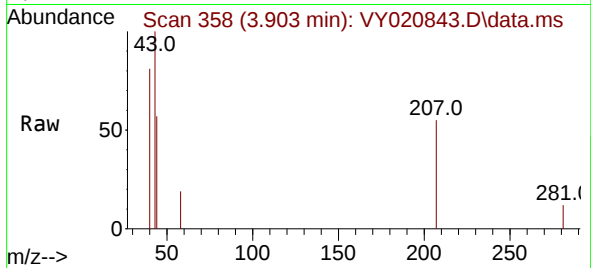




#16
Acetone
Concen: 5.471 ug/l
RT: 3.903 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

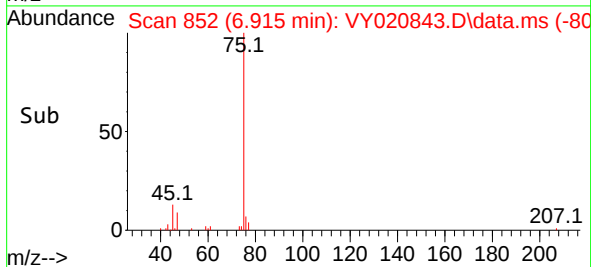
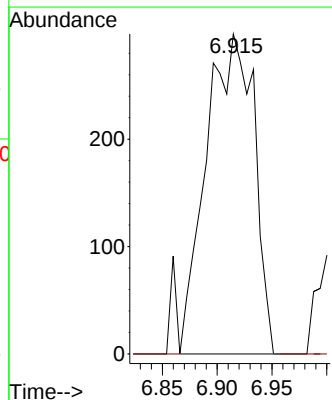
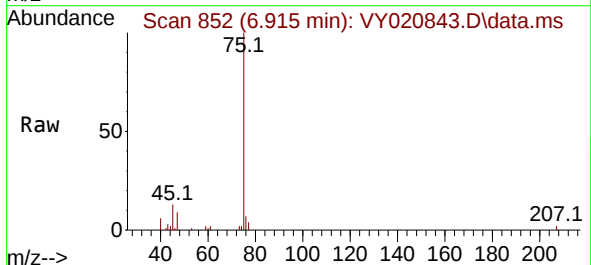
Instrument :
MSVOA_Y
ClientSampleId :

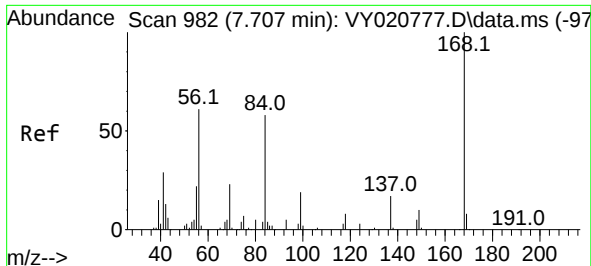
Tgt Ion: 43 Resp: 1323
Ion Ratio Lower Upper
43 100
58 18.6 26.7 40.1#



#25
2-Butanone
Concen: 2.283 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#

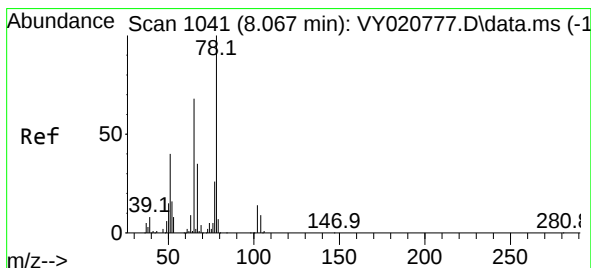
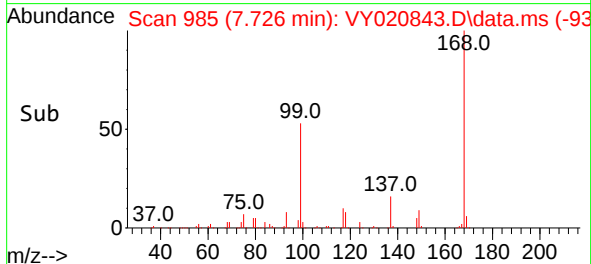
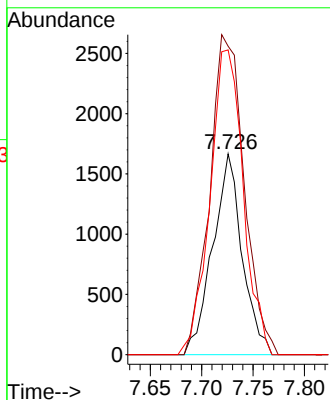
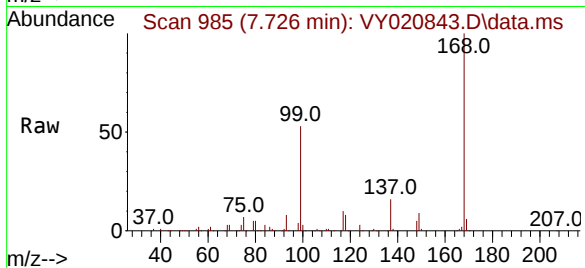




#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

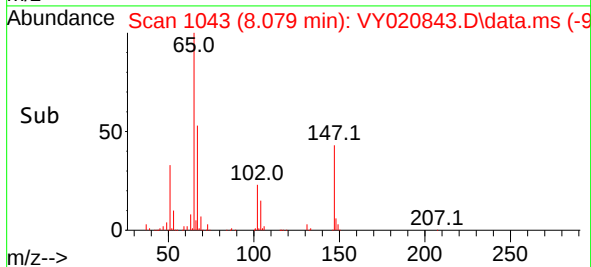
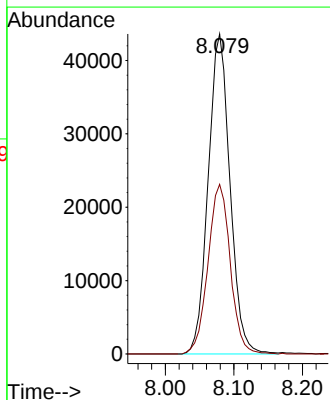
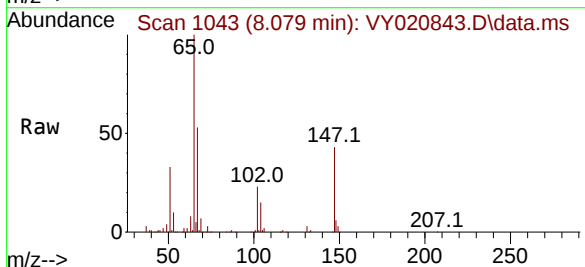
Instrument :
MSVOA_Y
ClientSampleId :

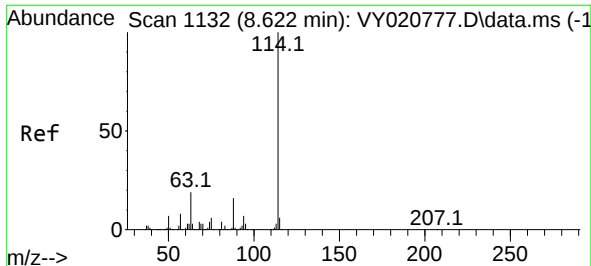
Tgt Ion: 56 Resp: 3320
Ion Ratio Lower Upper
56 100
69 153.7 30.5 45.7#
84 151.9 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 56.665 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

Tgt Ion: 65 Resp: 96356
Ion Ratio Lower Upper
65 100
67 54.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020843.D

Acq: 17 Jan 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

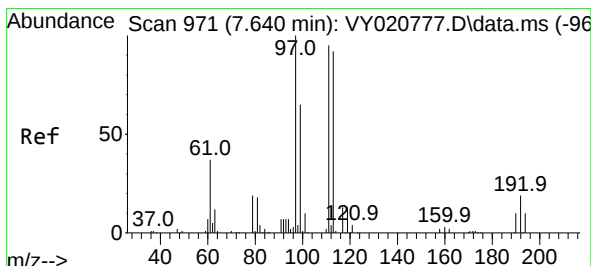
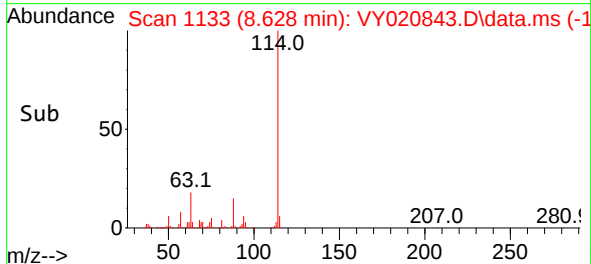
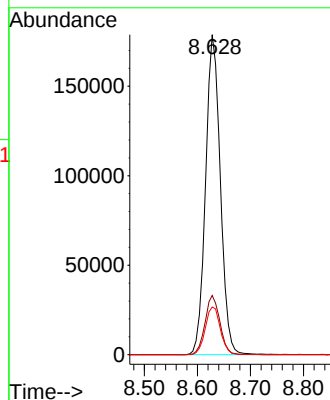
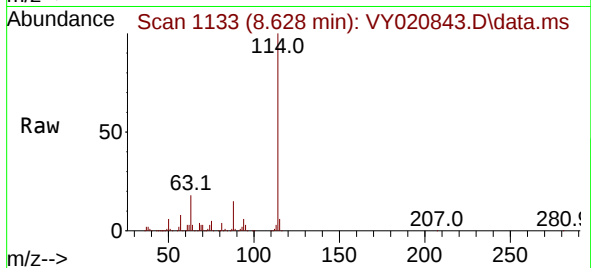
Tgt Ion:114 Resp: 345659

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 14.9 0.0 31.2



#35

Dibromofluoromethane

Concen: 49.698 ug/l

RT: 7.652 min Scan# 973

Delta R.T. 0.012 min

Lab File: VY020843.D

Acq: 17 Jan 2025 09:58

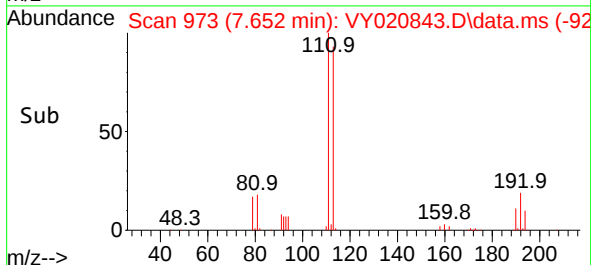
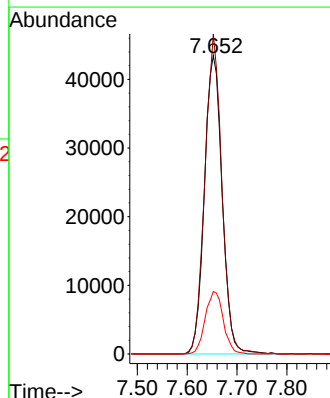
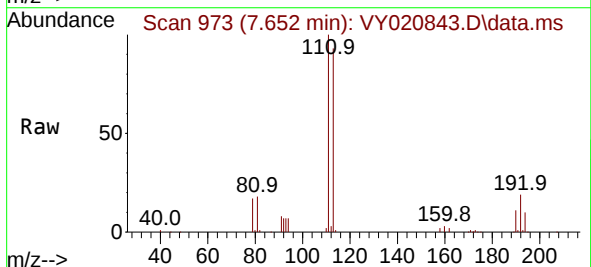
Tgt Ion:113 Resp: 107623

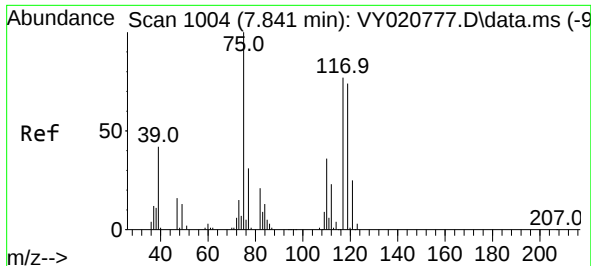
Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

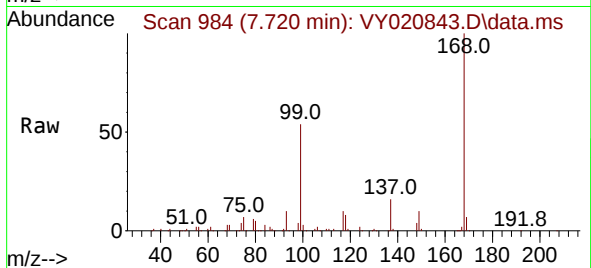
192 21.2 16.7 25.1



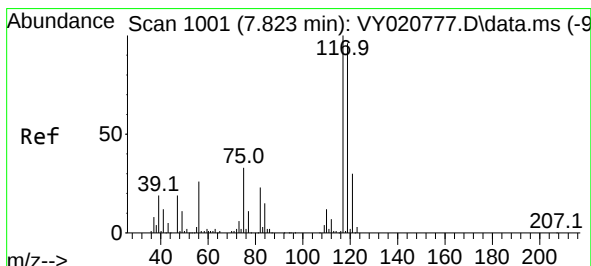
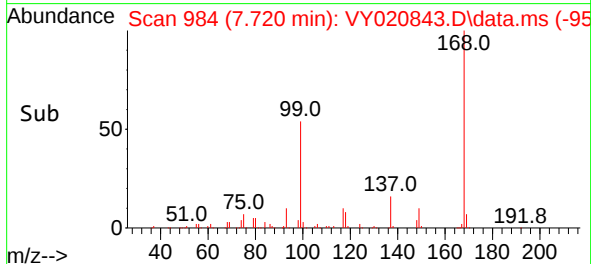
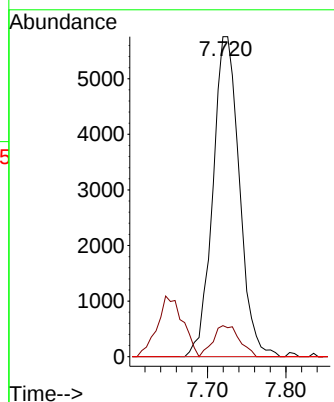


#36
 1,1-Dichloropropene
 Concen: 4.910 ug/l
 RT: 7.720 min Scan# 984
 Delta R.T. -0.122 min
 Lab File: VY020843.D
 Acq: 17 Jan 2025 09:58

Instrument :
 MSVOA_Y
 ClientSampleId :

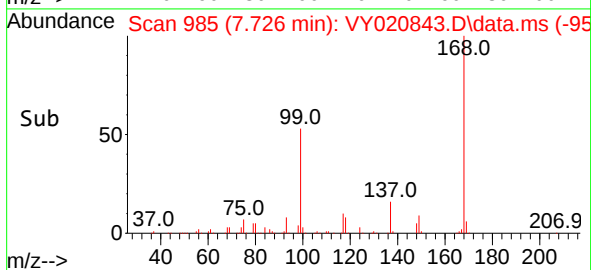
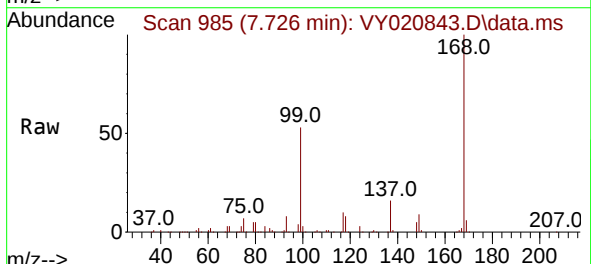
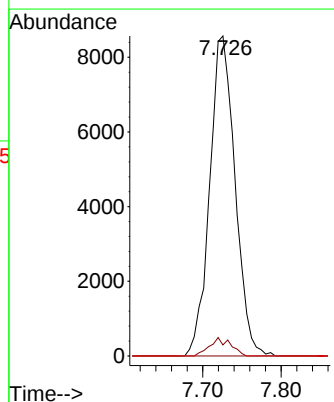


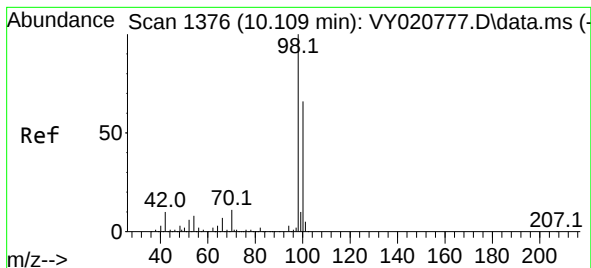
Tgt Ion: 75 Resp: 13562
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.5 55.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.019 ug/l
 RT: 7.726 min Scan# 985
 Delta R.T. -0.097 min
 Lab File: VY020843.D
 Acq: 17 Jan 2025 09:58

Tgt Ion: 117 Resp: 19296
 Ion Ratio Lower Upper
 117 100
 119 3.4 76.5 114.7#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 52.804 ug/l

RT: 10.122 min Scan# 1376

Delta R.T. 0.012 min

Lab File: VY020843.D

Acq: 17 Jan 2025 09:58

Instrument :

MSVOA_Y

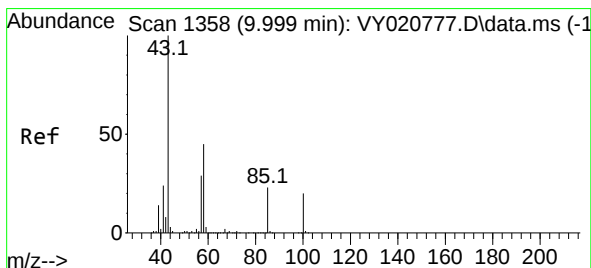
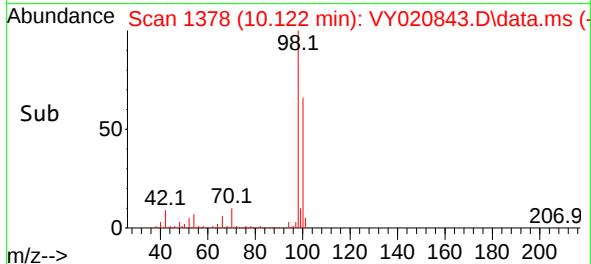
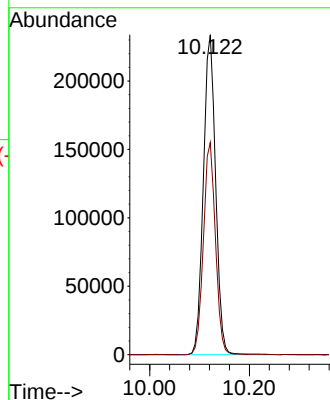
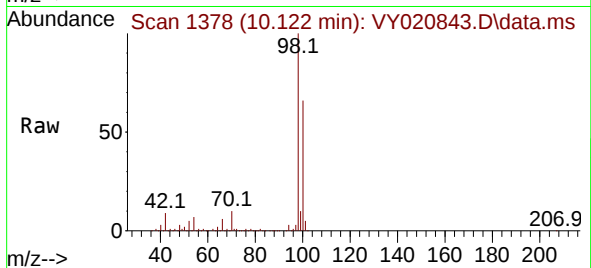
ClientSampleId :

Tgt Ion: 98 Resp: 398622

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 1.435 ug/l

RT: 10.018 min Scan# 1361

Delta R.T. 0.018 min

Lab File: VY020843.D

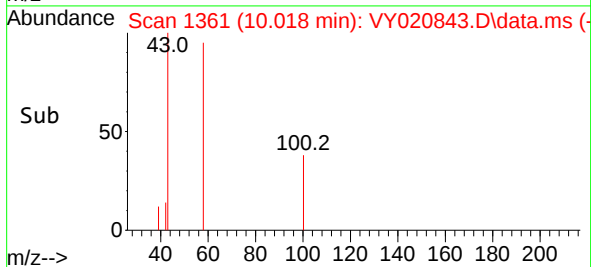
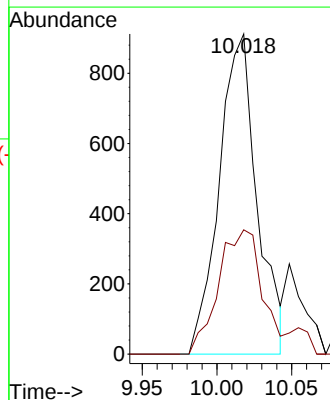
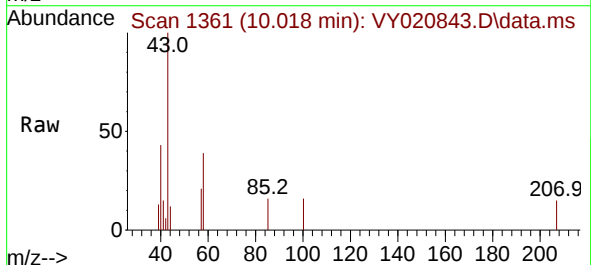
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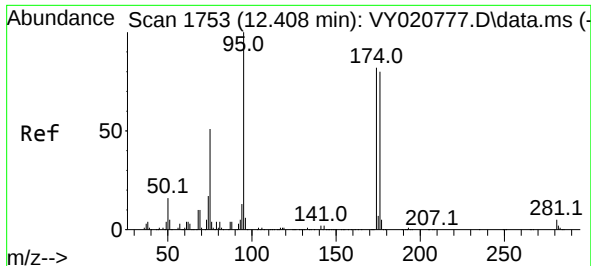
Tgt Ion: 43 Resp: 1603

Ion Ratio Lower Upper

43 100

58 49.2 34.8 52.2

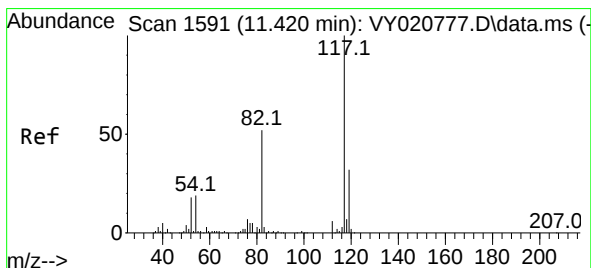
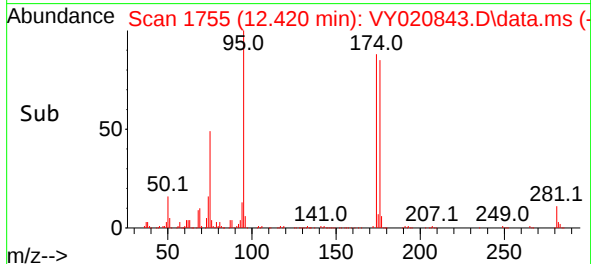
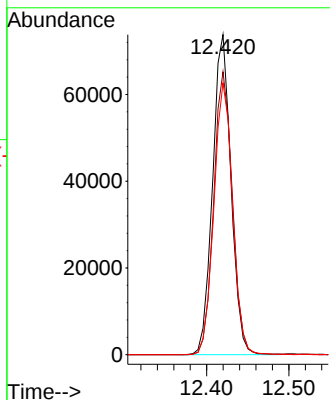
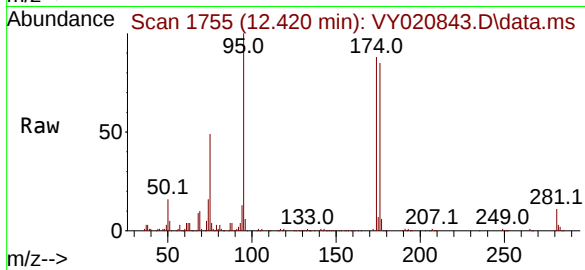




#62
4-Bromofluorobenzene
Concen: 41.167 ug/l
RT: 12.420 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

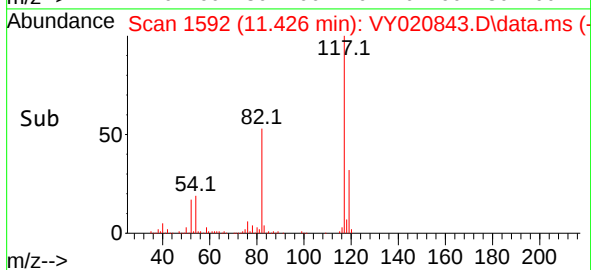
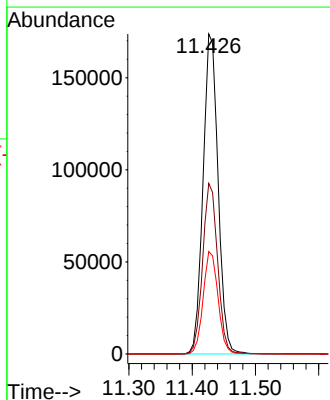
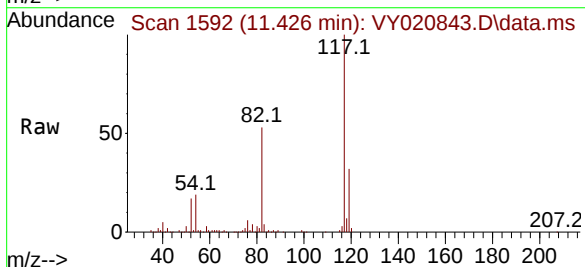
Instrument :
MSVOA_Y
ClientSampleId :

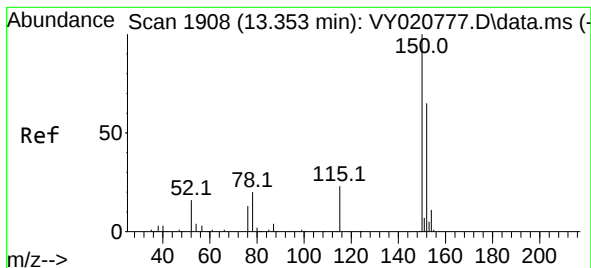
Tgt Ion: 95 Resp: 114764
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.0
176 86.4 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

Tgt Ion: 117 Resp: 287210
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.6
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1908

Delta R.T. 0.006 min

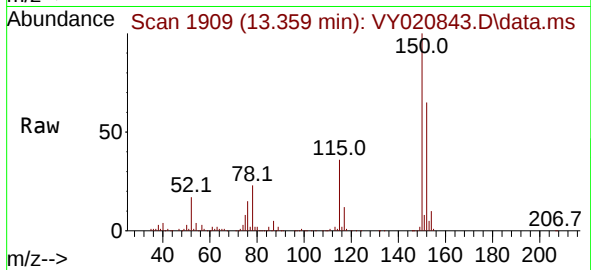
Lab File: VY020843.D

Acq: 17 Jan 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :



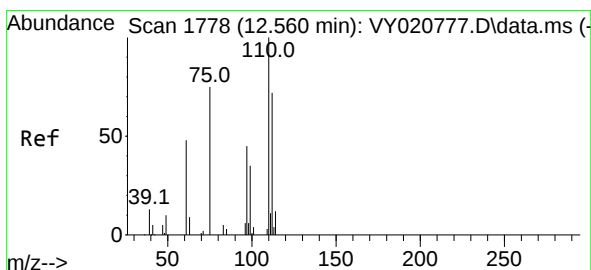
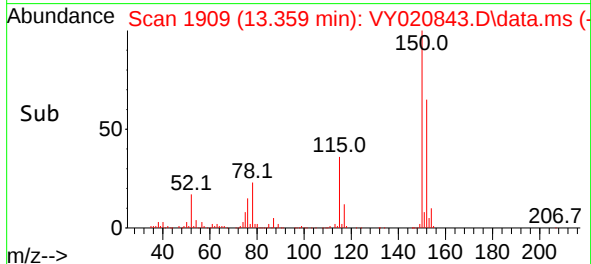
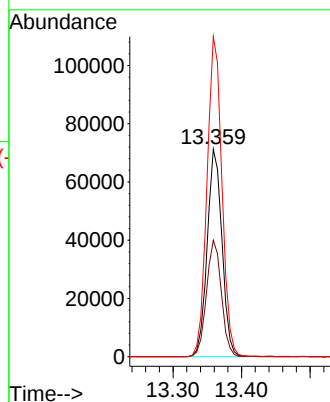
Tgt Ion:152 Resp: 106983

Ion Ratio Lower Upper

152 100

115 56.6 29.0 87.0

150 155.5 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 61.915 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.140 min

Lab File: VY020843.D

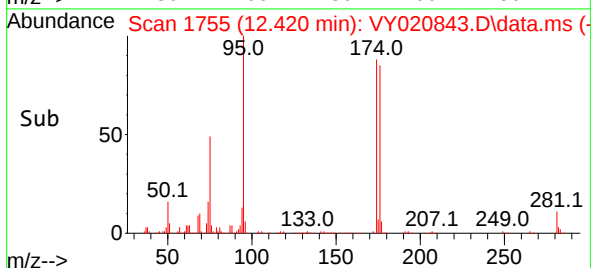
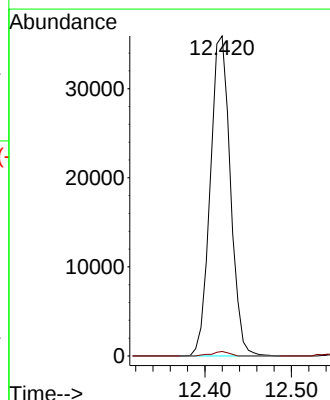
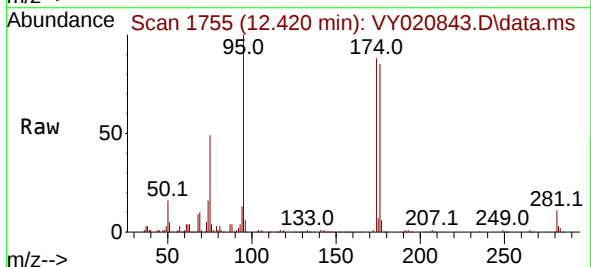
Acq: 17 Jan 2025 09:58

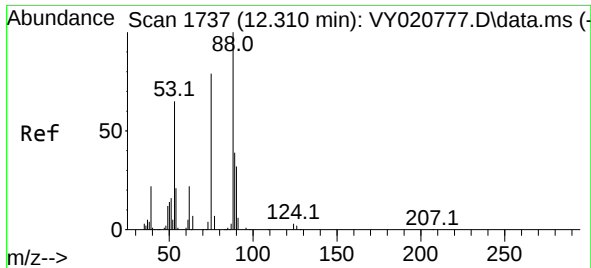
Tgt Ion: 75 Resp: 57957

Ion Ratio Lower Upper

75 100

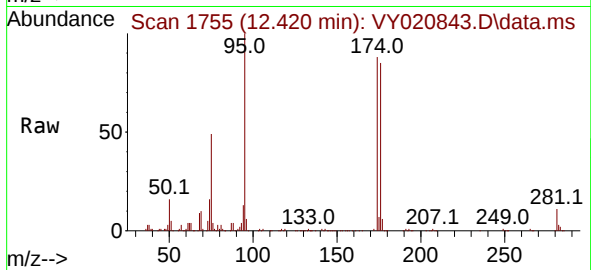
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.549 ug/l
 RT: 12.420 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY020843.D
 Acq: 17 Jan 2025 09:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.2	39.6	59.4#

