

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020903.D
 Acq On : 22 Jan 2025 16:52
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 00:47:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

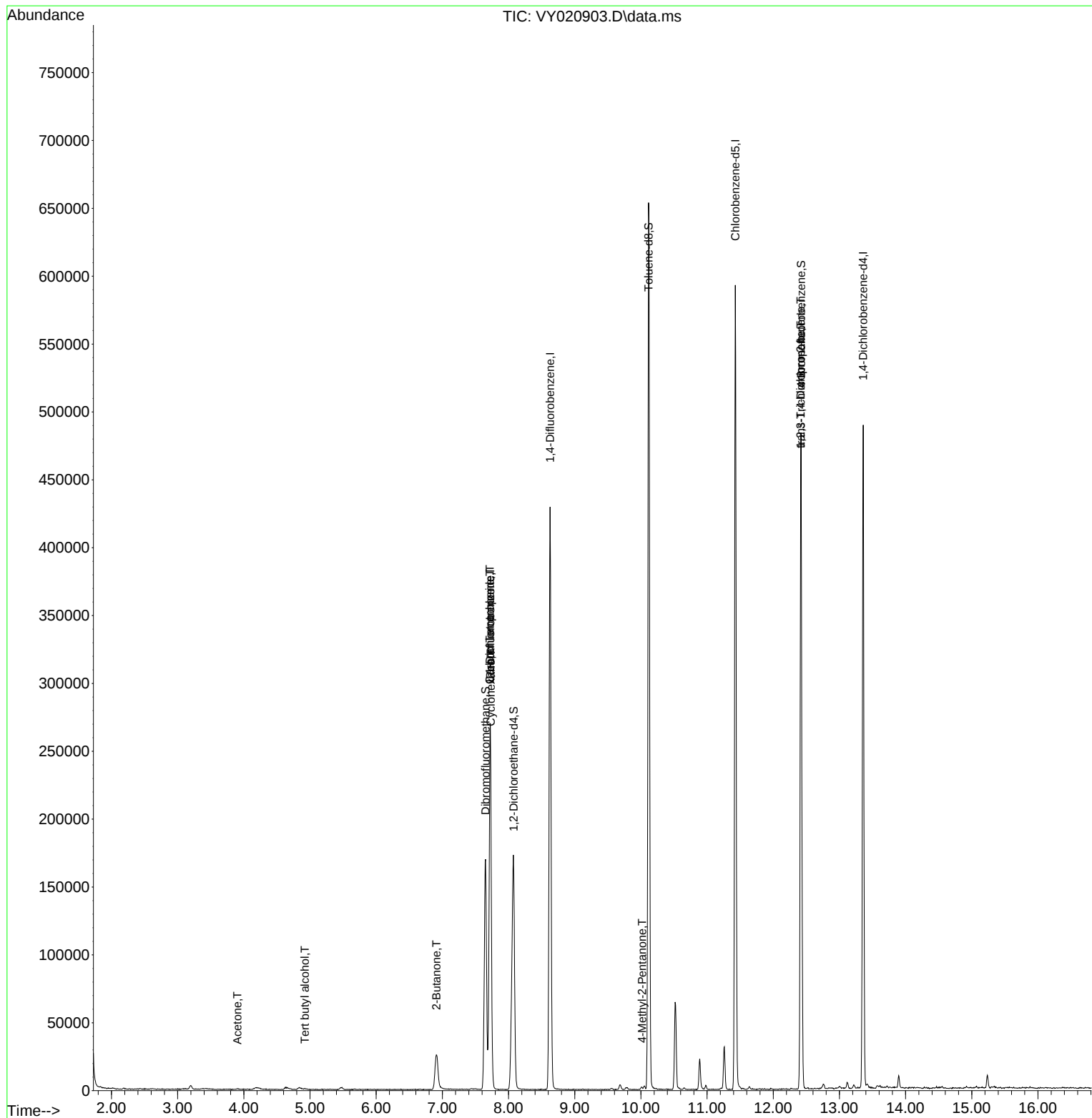
Internal Standards						
1) Pentafluorobenzene	7.726	168	223080	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	384742	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	331279	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	126883	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	112297	59.225	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.460%	
35) Dibromofluoromethane	7.652	113	122701	50.905	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.115	98	447030	53.201	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.420	95	135686	43.728	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.460%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.921	59	159	1.110	ug/l #	73
16) Acetone	3.903	43	932	3.457	ug/l #	70
25) 2-Butanone	6.909	43	1523	3.439	ug/l #	45
31) Cyclohexane	7.732	56	3722	1.349	ug/l #	6
36) 1,1-Dichloropropene	7.720	75	15250	4.960	ug/l #	49
38) Carbon Tetrachloride	7.720	117	21465	5.016	ug/l #	16
51) 4-Methyl-2-Pentanone	10.018	43	1413	1.137	ug/l	94
76) 1,2,3-Trichloropropane	12.414	75	67683	60.965	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	67683	128.546	ug/l #	14

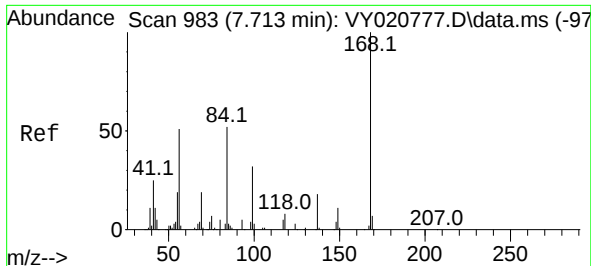
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY012225\
Data File : VY020903.D
Acq On : 22 Jan 2025 16:52
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

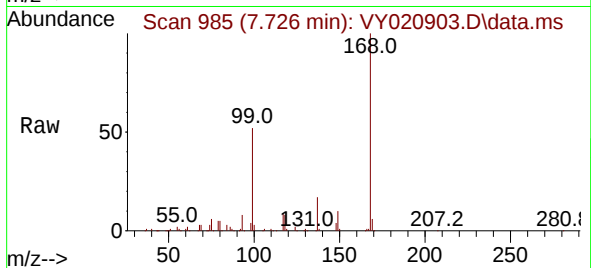
Quant Time: Jan 23 00:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
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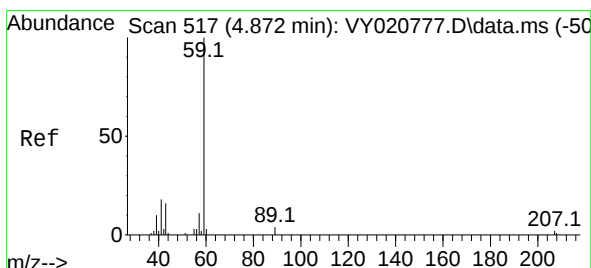
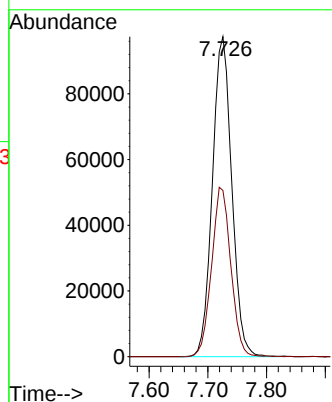
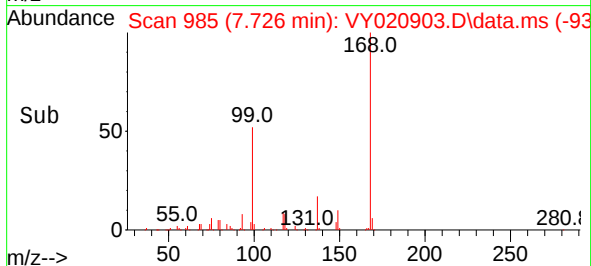


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. -0.011 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

Instrument :
MSVOA_Y
ClientSampleId :

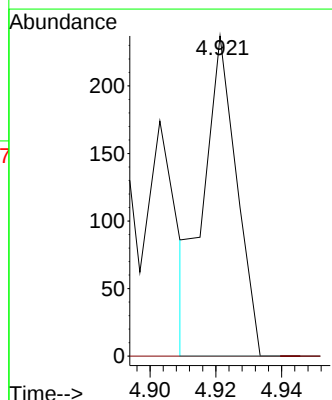
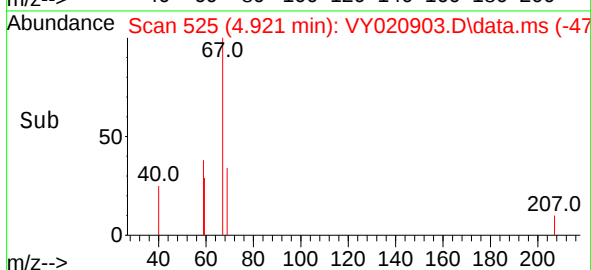
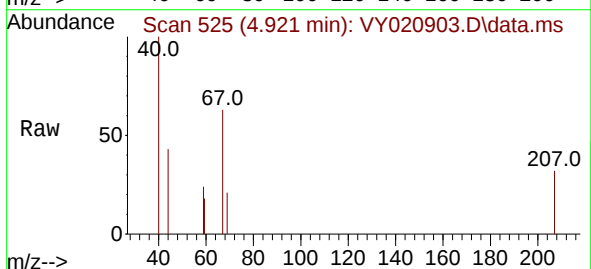


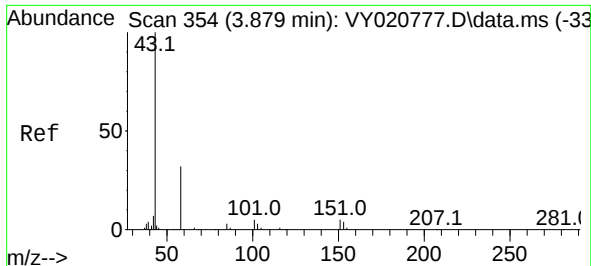
Tgt Ion:168 Resp: 223080
Ion Ratio Lower Upper
168 100
99 52.0 44.3 66.5



#11
Tert butyl alcohol
Concen: 1.110 ug/l
RT: 4.921 min Scan# 525
Delta R.T. -0.006 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

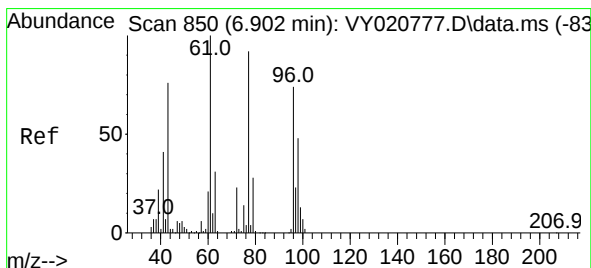
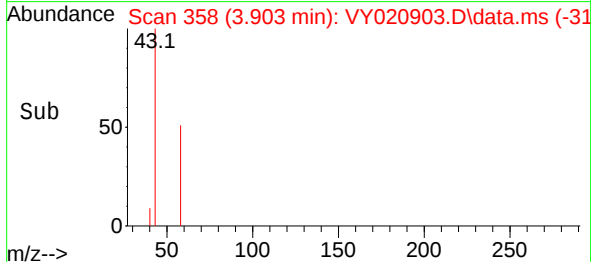
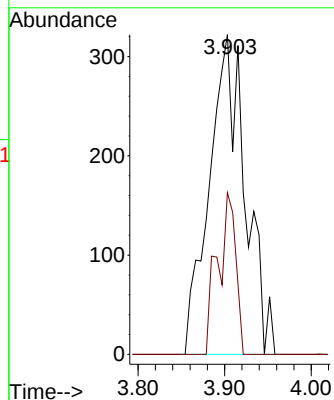
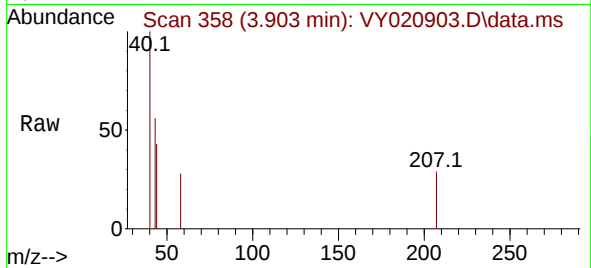




#16
Acetone
Concen: 3.457 ug/l
RT: 3.903 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

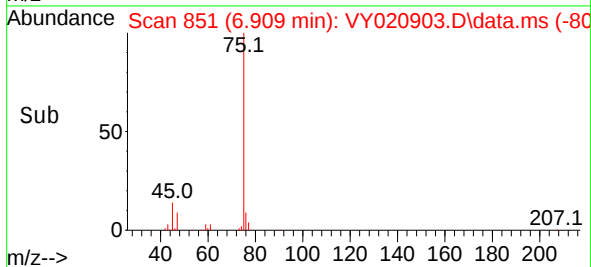
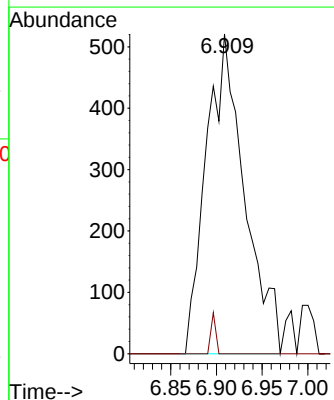
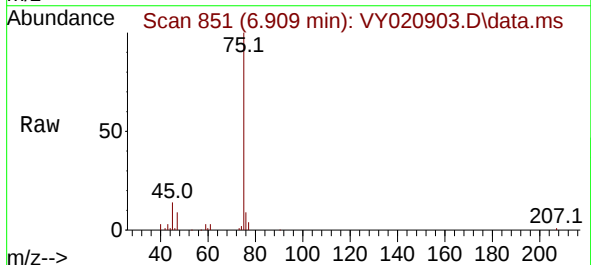
Instrument :
MSVOA_Y
ClientSampleId :

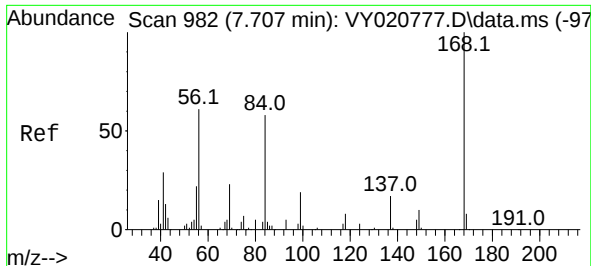
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 50.6 26.7 40.1#



#25
2-Butanone
Concen: 3.439 ug/l
RT: 6.909 min Scan# 851
Delta R.T. -0.024 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

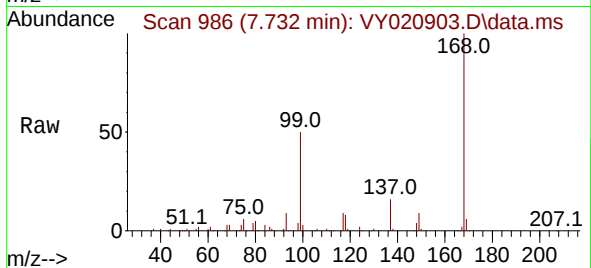
Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



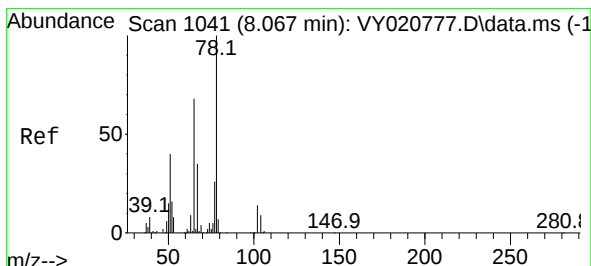
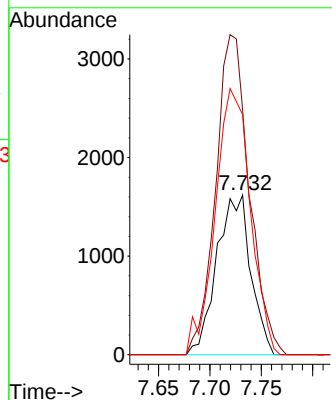
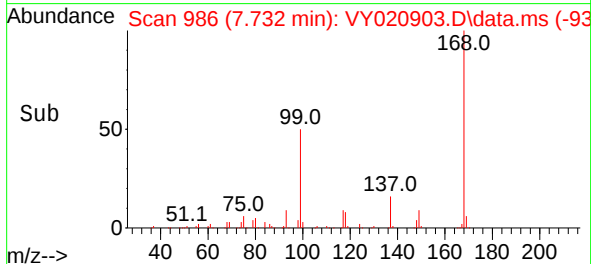


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.732 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

Instrument :
MSVOA_Y
ClientSampleId :

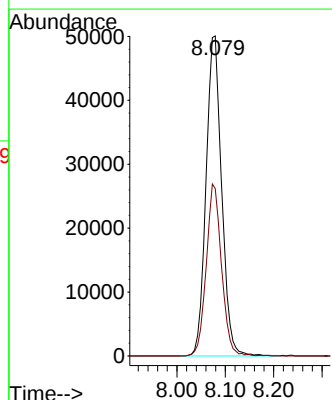
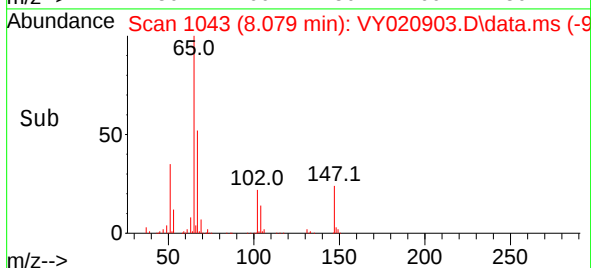
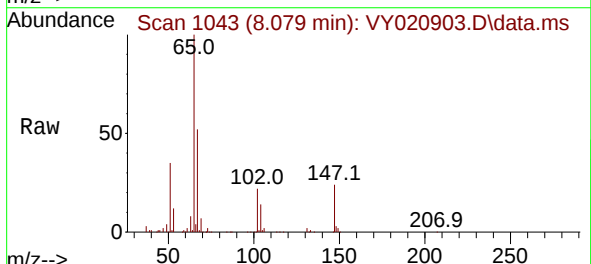


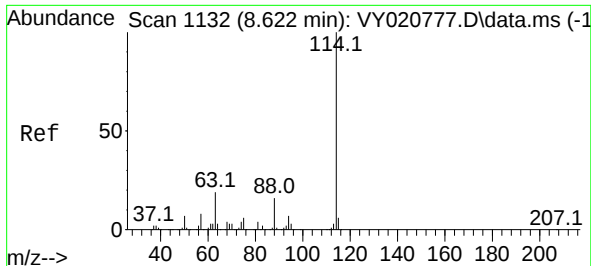
Tgt Ion: 56 Resp: 3722
Ion Ratio Lower Upper
56 100
69 153.6 30.5 45.7#
84 150.4 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 59.225 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

Tgt Ion: 65 Resp: 112297
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1132

Delta R.T. -0.012 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

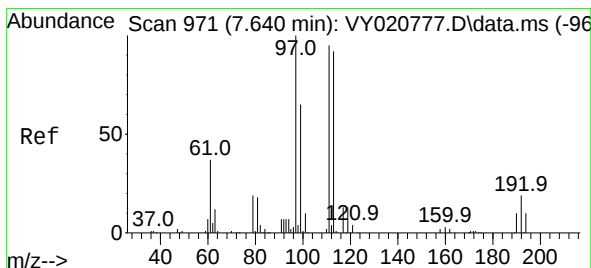
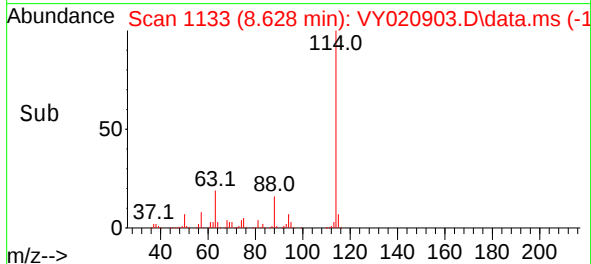
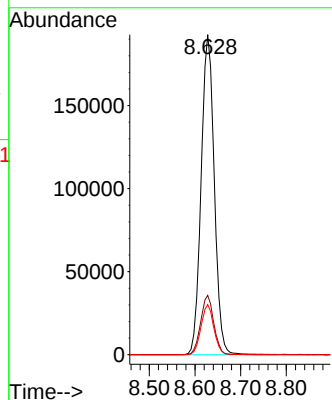
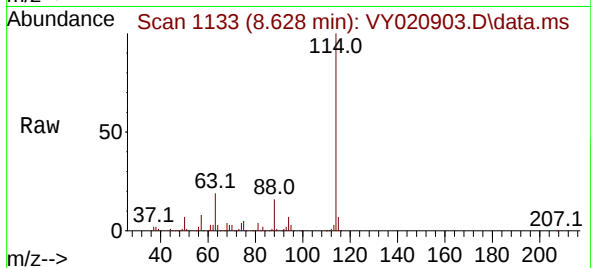
Tgt Ion:114 Resp: 384742

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.905 ug/l

RT: 7.652 min Scan# 973

Delta R.T. -0.012 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

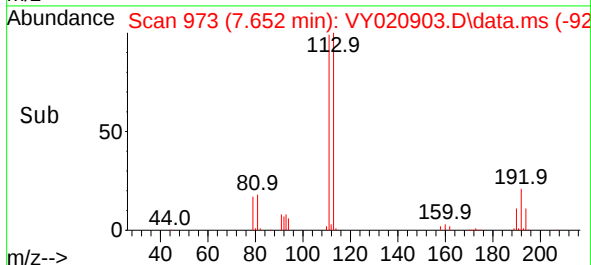
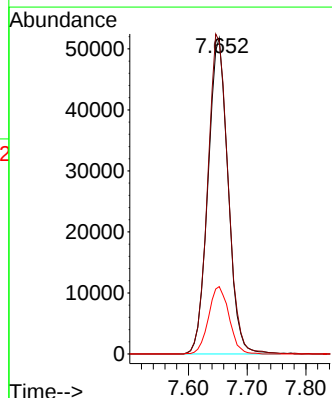
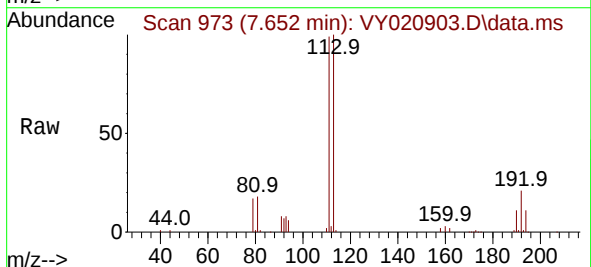
Tgt Ion:113 Resp: 122701

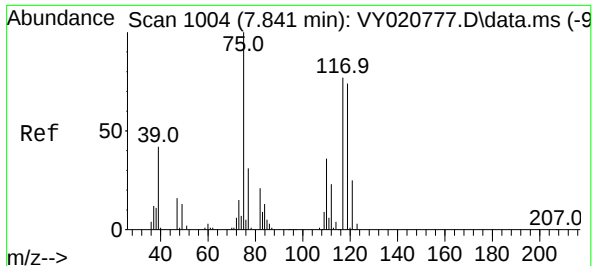
Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

192 21.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.960 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.146 min

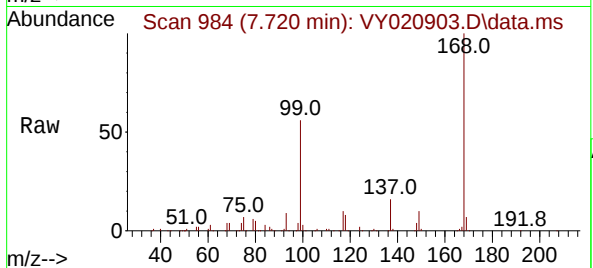
Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

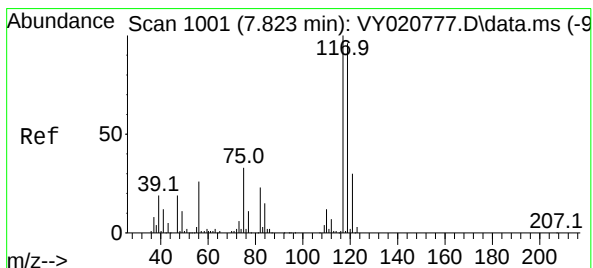
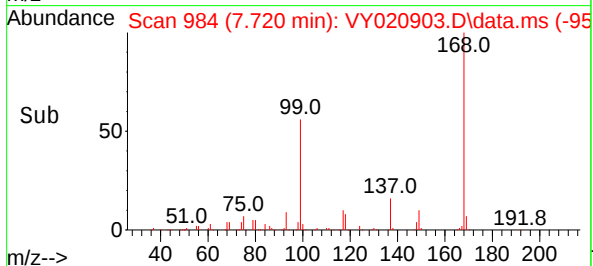
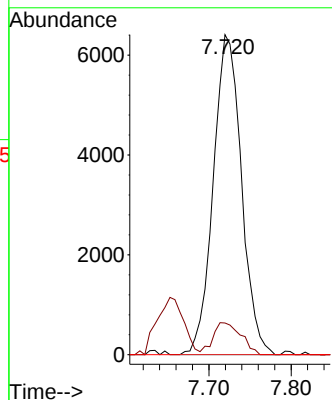
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 15250
Ion Ratio	Lower Upper
75	100
110	9.9 18.5 55.5#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.016 ug/l

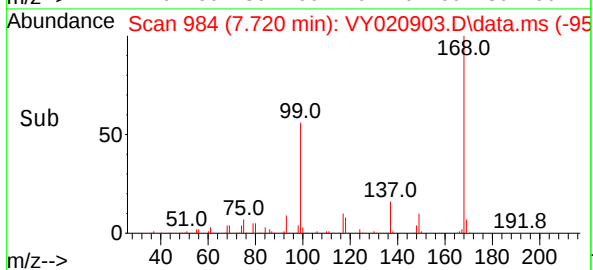
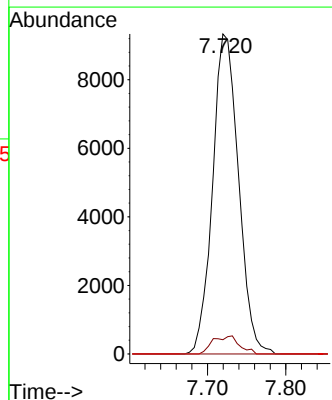
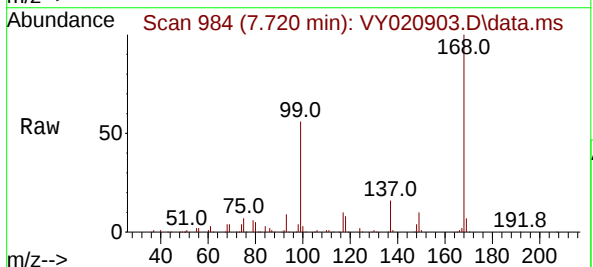
RT: 7.720 min Scan# 984

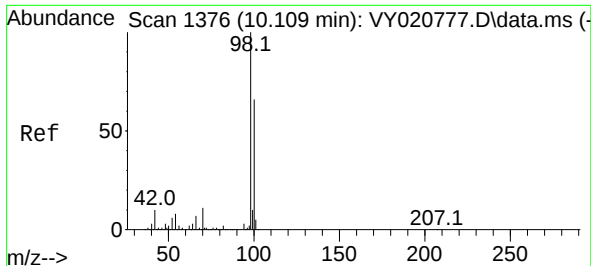
Delta R.T. -0.128 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

Tgt Ion: 117	Resp: 21465
Ion Ratio	Lower Upper
117	100
119	4.4 76.5 114.7#
121	0.0 24.3 36.5#





#50

Toluene-d8

Concen: 53.201 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.018 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

Instrument :

MSVOA_Y

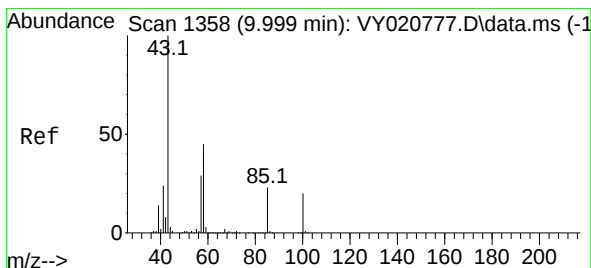
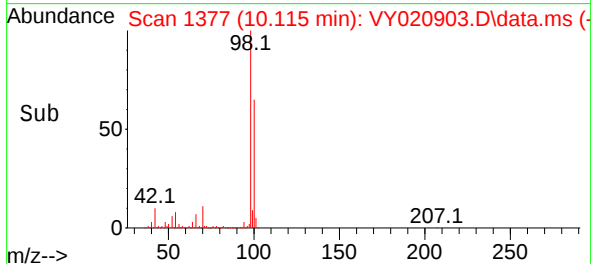
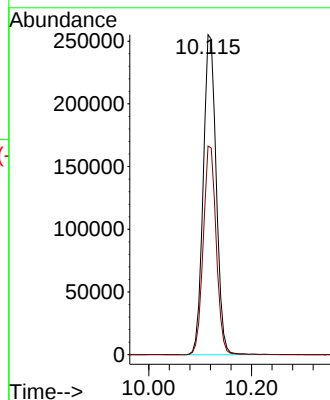
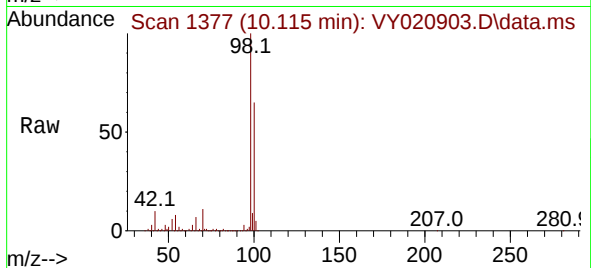
ClientSampleId :

Tgt Ion: 98 Resp: 447030

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 1.137 ug/l

RT: 10.018 min Scan# 1361

Delta R.T. 0.000 min

Lab File: VY020903.D

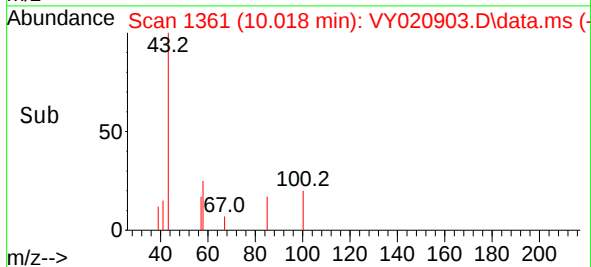
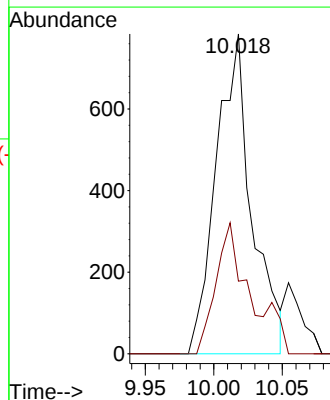
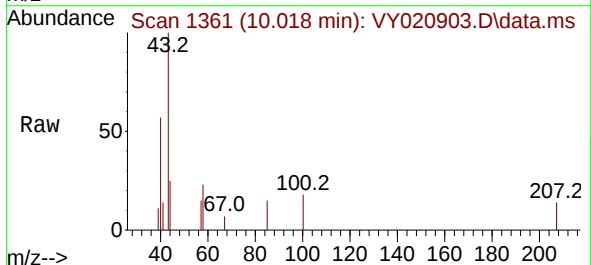
Acq: 22 Jan 2025 16:52

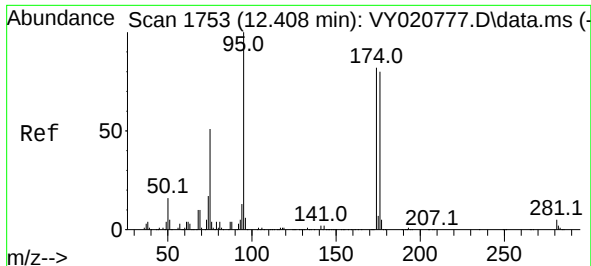
Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

58 39.6 34.8 52.2

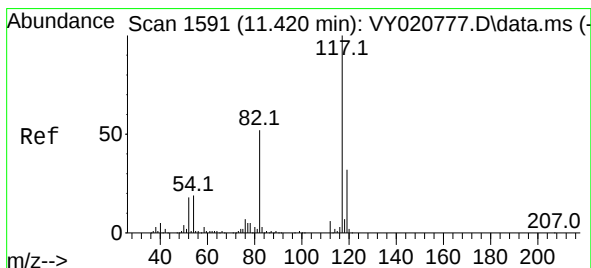
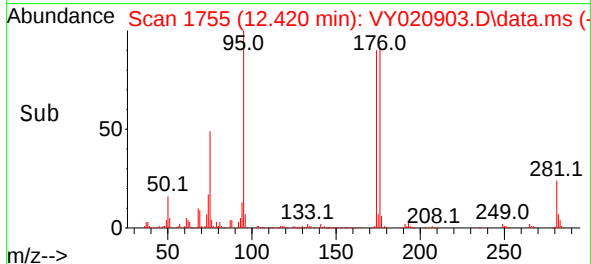
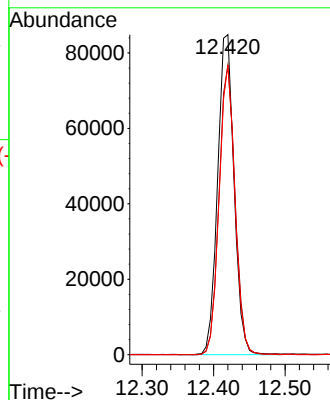
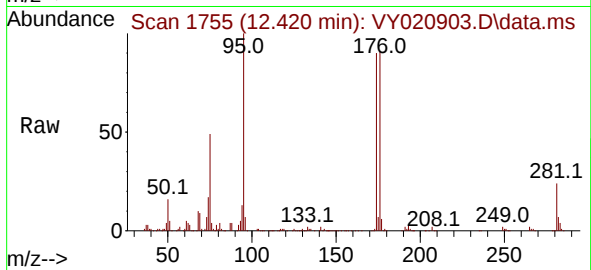




#62
4-Bromofluorobenzene
Concen: 43.728 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

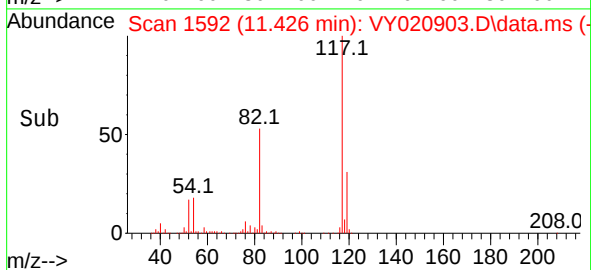
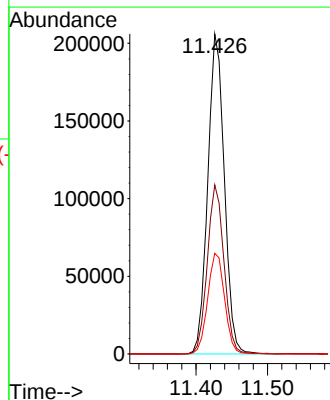
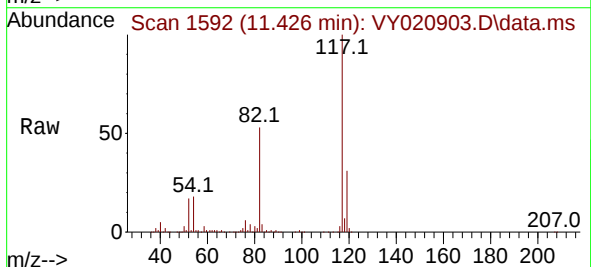
Instrument :
MSVOA_Y
ClientSampleId :

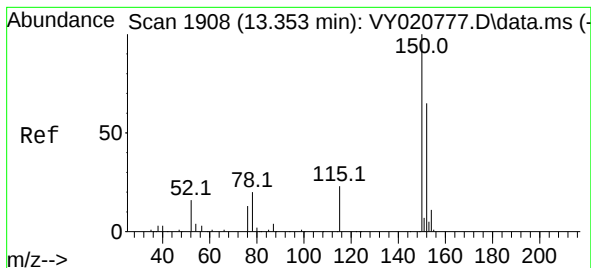
Tgt Ion: 95 Resp: 135686
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.0
176 86.7 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. -0.012 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

Tgt Ion:117 Resp: 331279
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 31.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

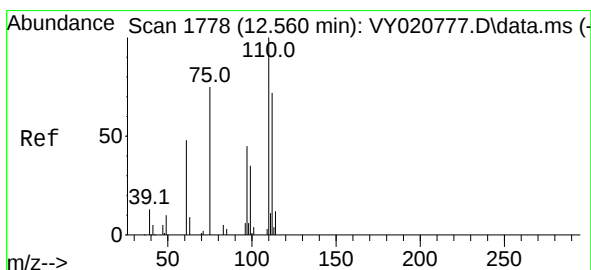
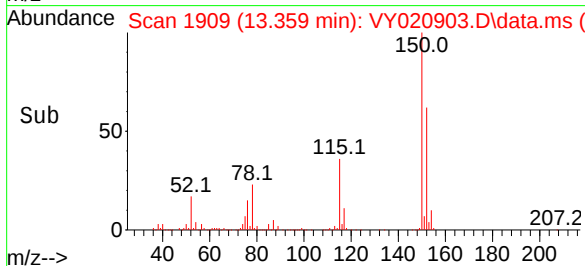
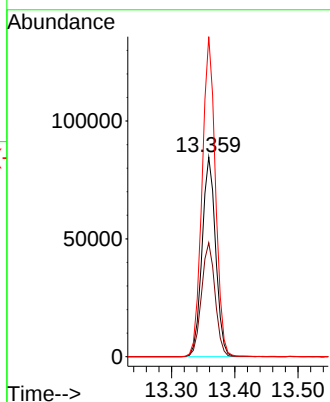
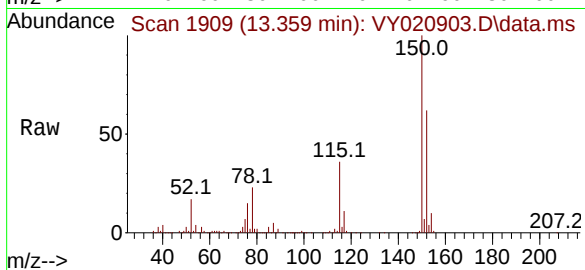
Tgt Ion:152 Resp: 126883

Ion Ratio Lower Upper

152 100

115 57.4 29.0 87.0

150 157.6 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 60.965 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.164 min

Lab File: VY020903.D

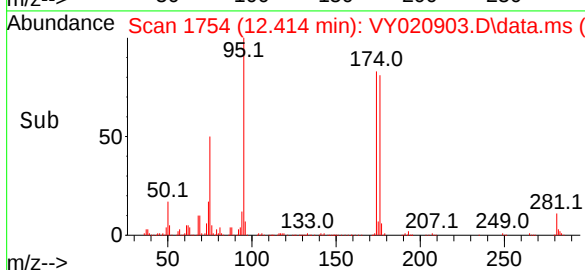
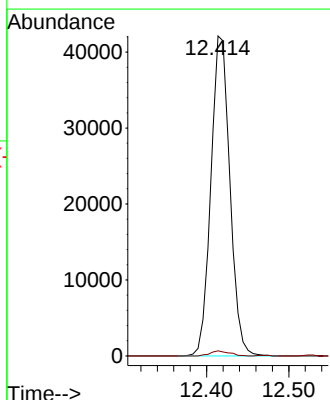
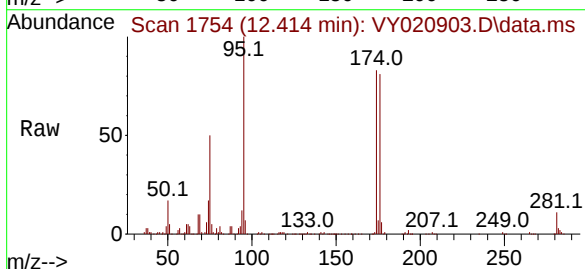
Acq: 22 Jan 2025 16:52

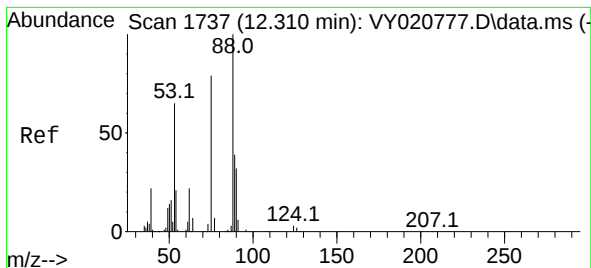
Tgt Ion: 75 Resp: 67683

Ion Ratio Lower Upper

75 100

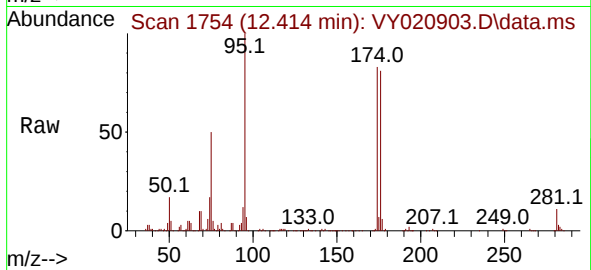
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.546 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.086 min
 Lab File: VY020903.D
 Acq: 22 Jan 2025 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 67683
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.2 39.6 59.4#

