

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020030.D
 Acq On : 28 Oct 2024 09:58
 Operator : SY/MD
 Sample : VY1028SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 01:53:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

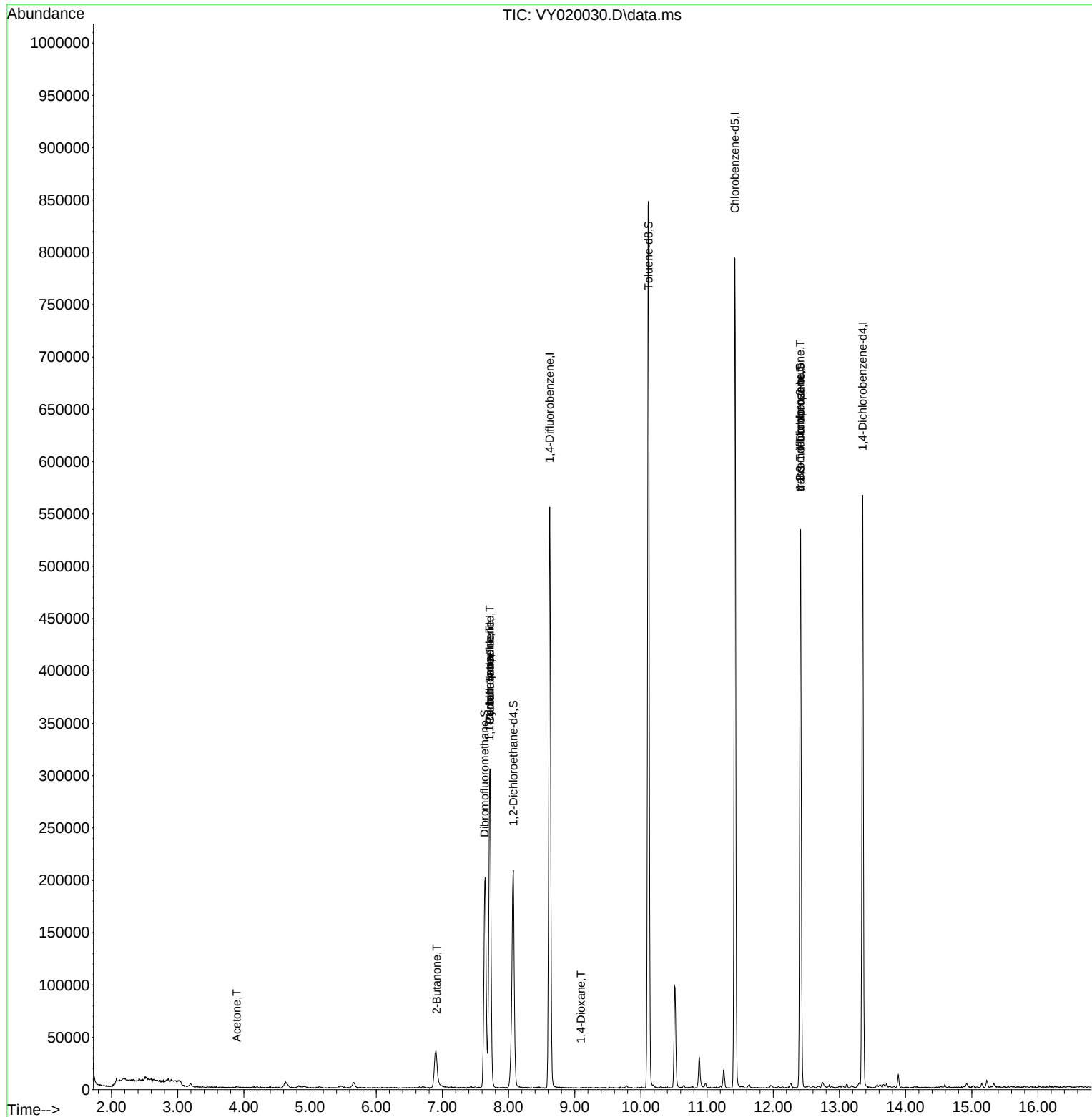
Internal Standards						
1) Pentafluorobenzene	7.719	168	207569	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.621	114	438255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	384846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	125121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	145762	57.032	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.060%
35) Dibromofluoromethane	7.640	113	143476	49.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.115	98	534715	50.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.407	95	152249	39.454	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.900%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.829	59	938	Below Cal	#	88
16) Acetone	3.890	43	1283	1.928	ug/l #	67
25) 2-Butanone	6.914	43	2642	2.967	ug/l #	52
31) Cyclohexane	7.719	56	5967	1.397	ug/l #	9
36) 1,1-Dichloropropene	7.713	75	21943	5.267	ug/l #	47
38) Carbon Tetrachloride	7.719	117	23588	5.281	ug/l #	14
49) 1,4-Dioxane	9.091	88	58	3.005	ug/l #	20
76) 1,2,3-Trichloropropane	12.407	75	89016	36.317	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	89016	146.588	ug/l #	16

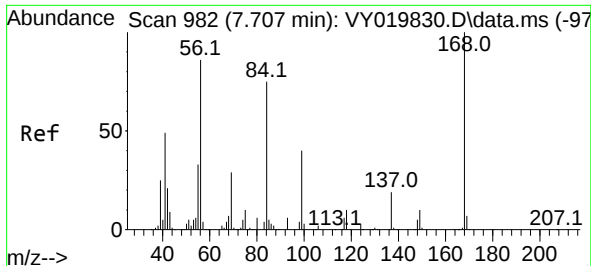
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

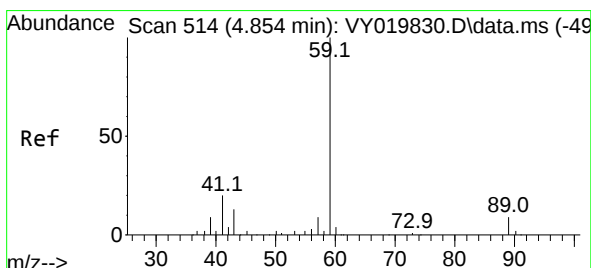
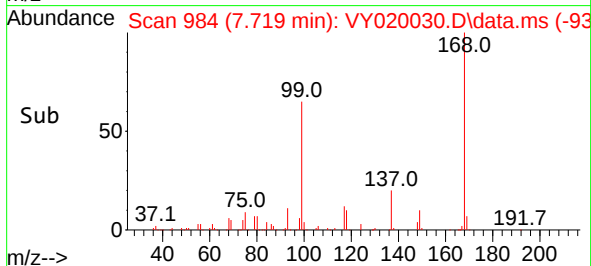
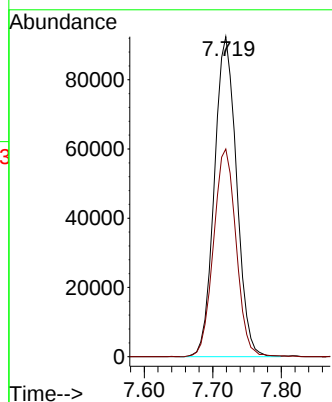
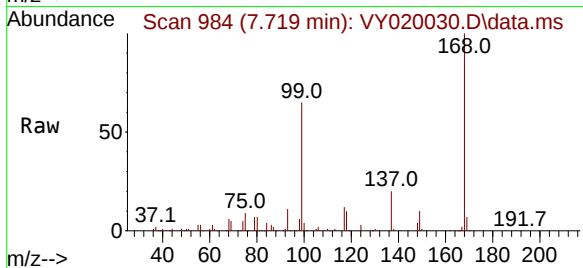




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

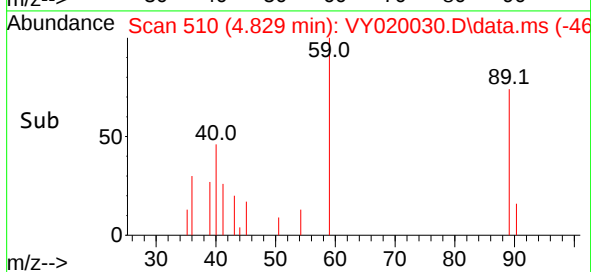
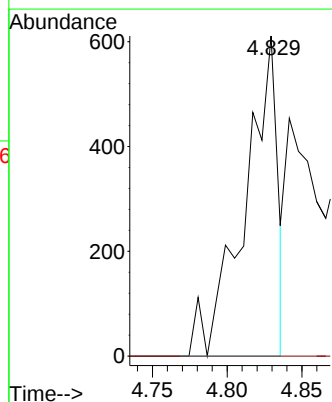
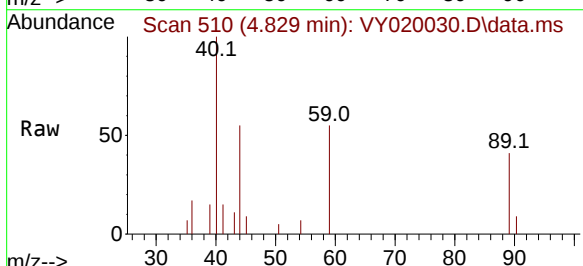
Instrument :
MSVOA_Y
ClientSampleId :

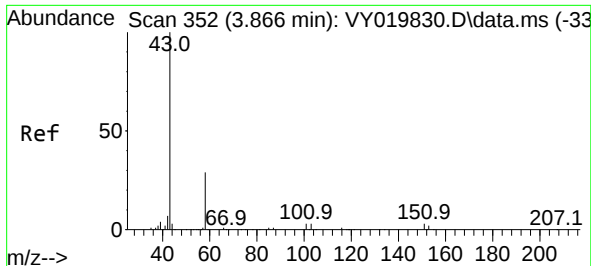
Tgt Ion:168 Resp: 207569
Ion Ratio Lower Upper
168 100
99 64.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.829 min Scan# 510
Delta R.T. -0.031 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

Tgt Ion: 59 Resp: 938
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.928 ug/l

RT: 3.890 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

Instrument :

MSVOA_Y

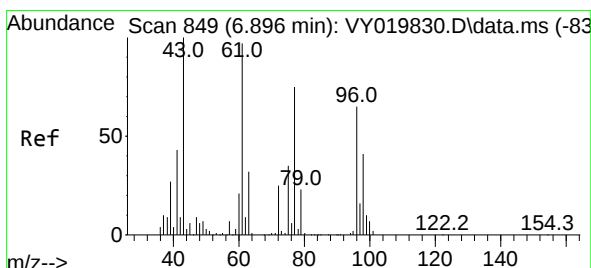
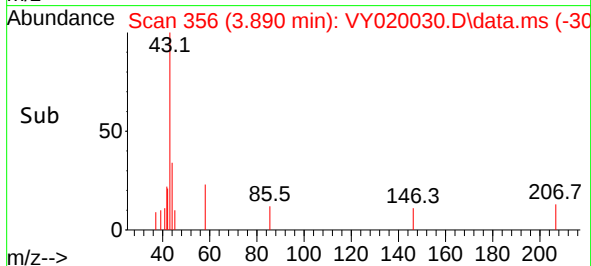
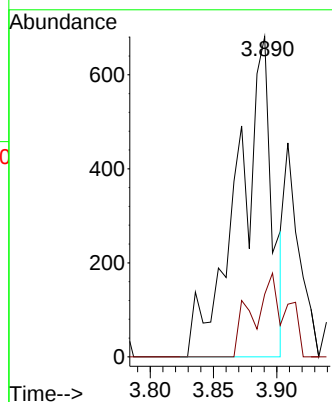
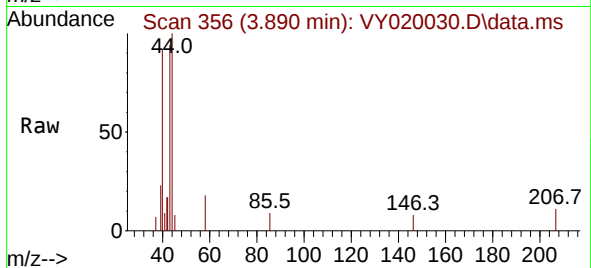
ClientSampleId :

Tgt Ion: 43 Resp: 1283

Ion Ratio Lower Upper

43 100

58 19.5 31.7 47.5#



#25

2-Butanone

Concen: 2.967 ug/l

RT: 6.914 min Scan# 852

Delta R.T. 0.024 min

Lab File: VY020030.D

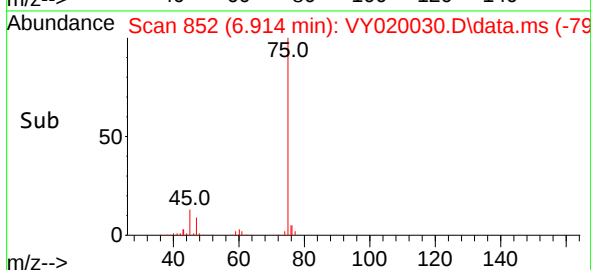
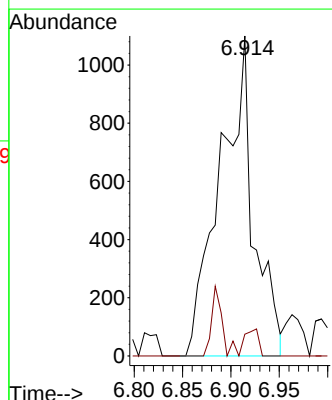
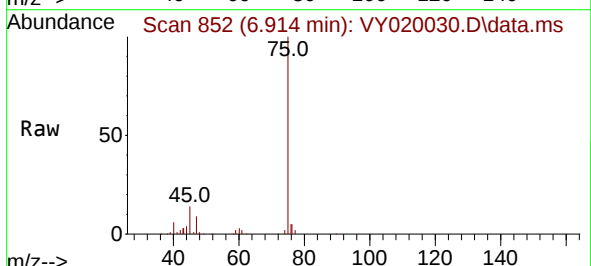
Acq: 28 Oct 2024 09:58

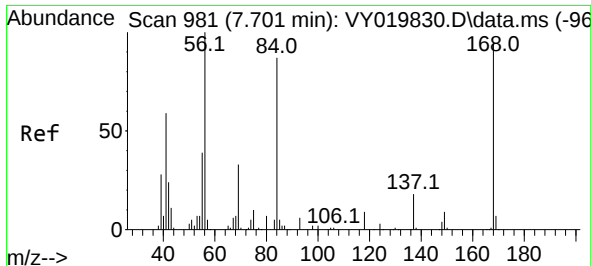
Tgt Ion: 43 Resp: 2642

Ion Ratio Lower Upper

43 100

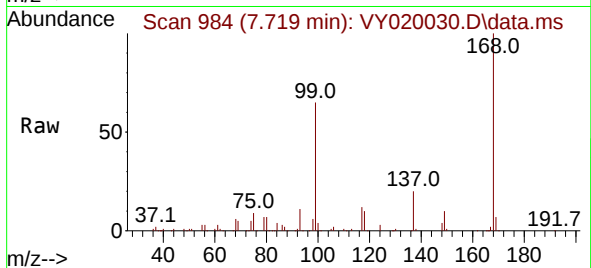
72 6.8 27.3 40.9#



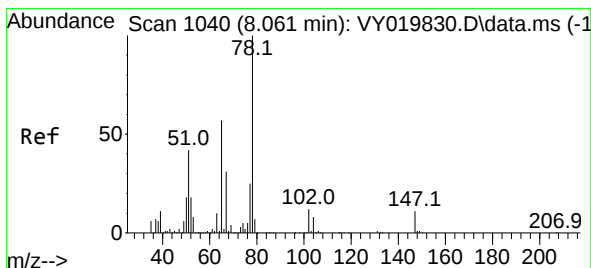
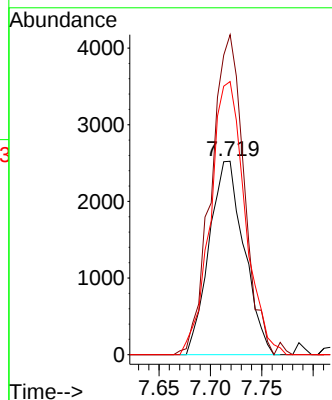
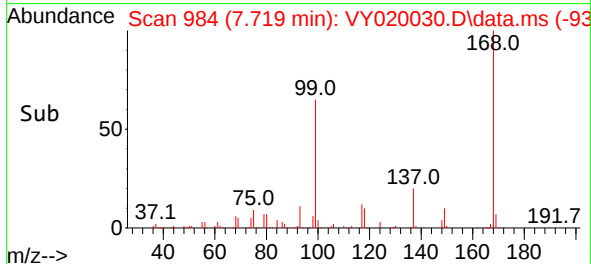


#31
Cyclohexane
Concen: 1.397 ug/l
RT: 7.719 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

Instrument :
MSVOA_Y
ClientSampleId :

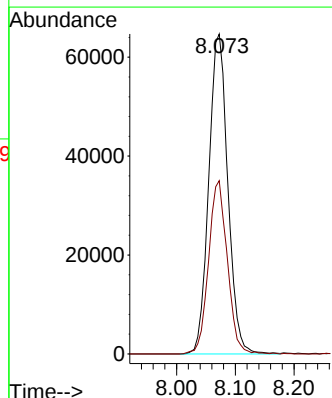
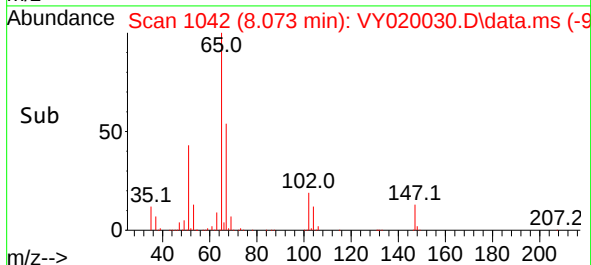
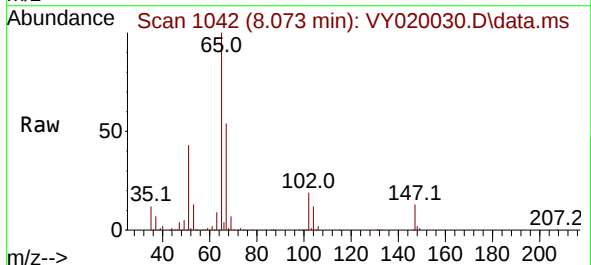


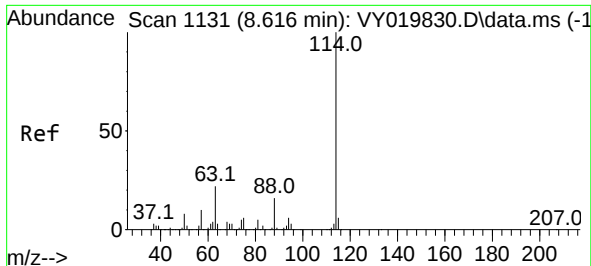
Tgt Ion: 56 Resp: 5967
Ion Ratio Lower Upper
56 100
69 163.5 28.7 43.1#
84 141.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.032 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

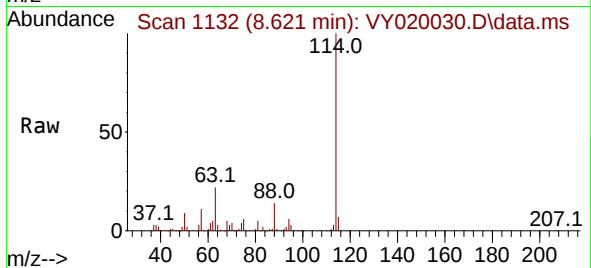
Tgt Ion: 65 Resp: 145762
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6



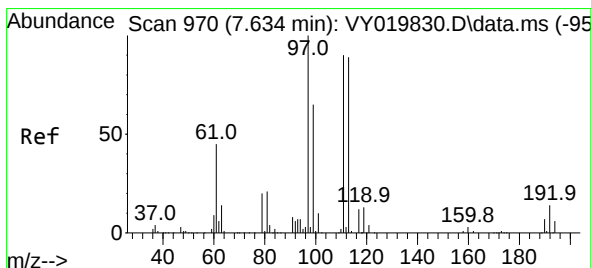
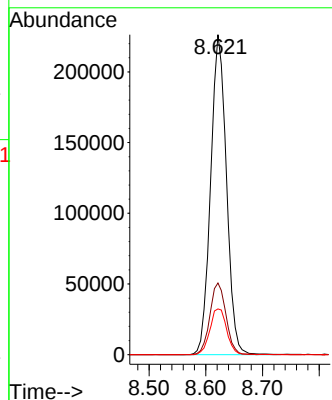
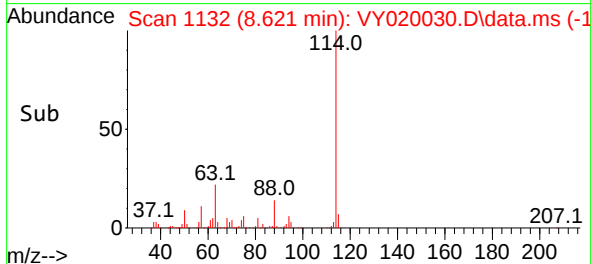


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.621 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VY020030.D
 Acq: 28 Oct 2024 09:58

Instrument :
 MSVOA_Y
 ClientSampleId :

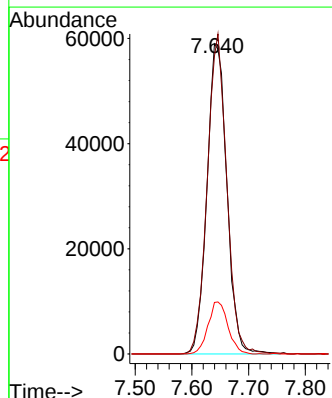
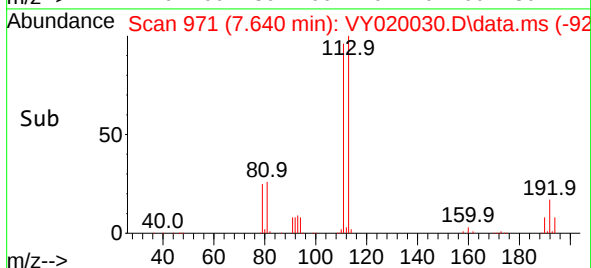
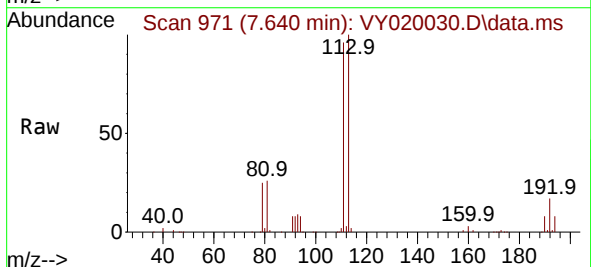


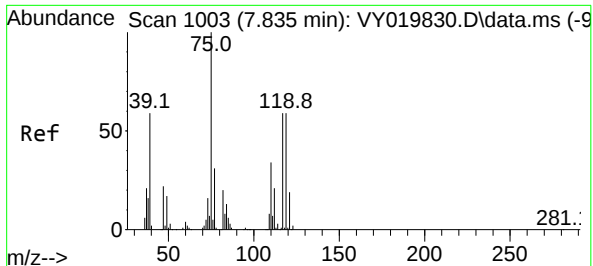
Tgt Ion:114 Resp: 438255
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.0
 88 14.3 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 49.611 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020030.D
 Acq: 28 Oct 2024 09:58

Tgt Ion:113 Resp: 143476
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.4
 192 16.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.267 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

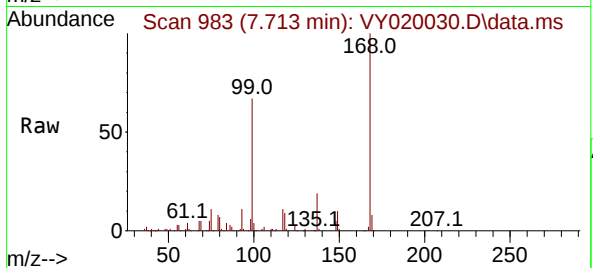
Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

Instrument :

MSVOA_Y

ClientSampleId :



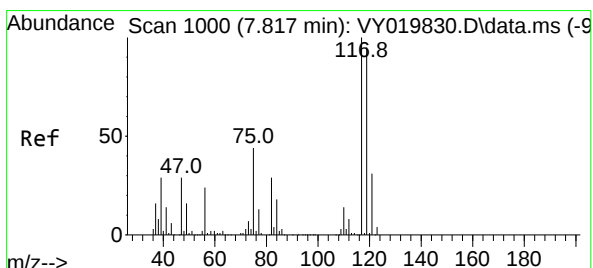
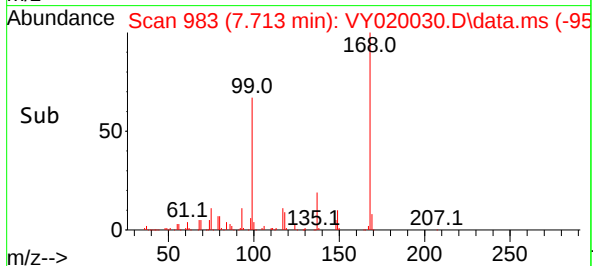
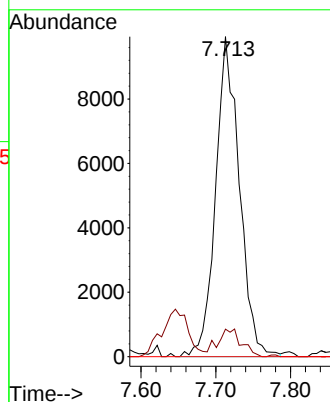
Tgt Ion: 75 Resp: 21943

Ion Ratio Lower Upper

75 100

110 8.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.098 min

Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

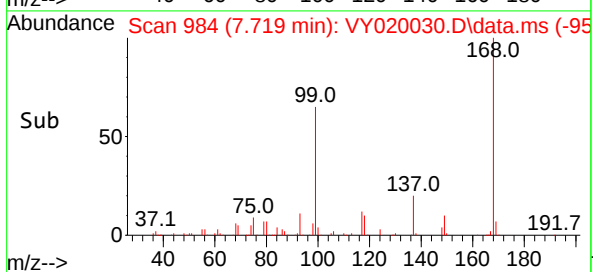
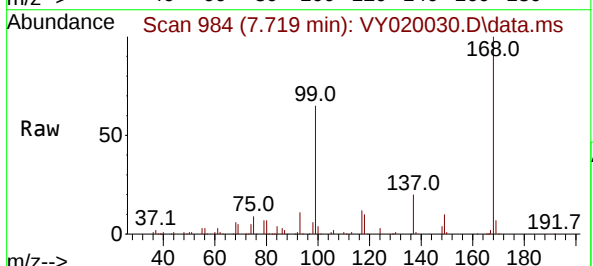
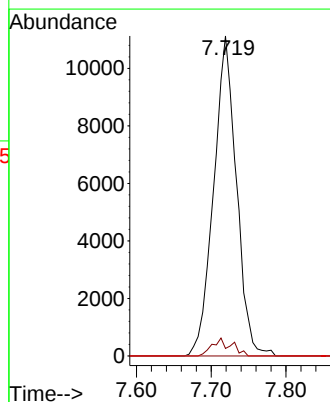
Tgt Ion: 117 Resp: 23588

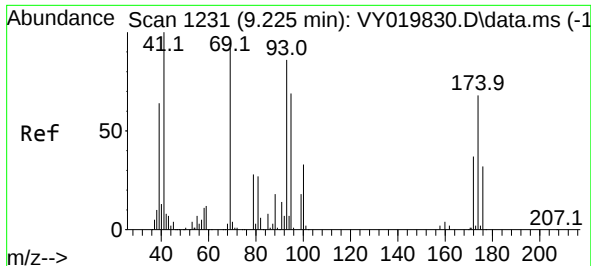
Ion Ratio Lower Upper

117 100

119 2.4 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.005 ug/l

RT: 9.091 min Scan# 11

Delta R.T. -0.140 min

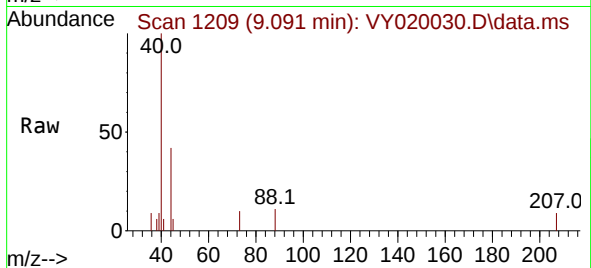
Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

Instrument :

MSVOA_Y

ClientSampleId :



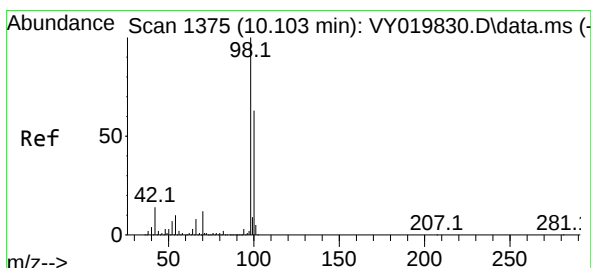
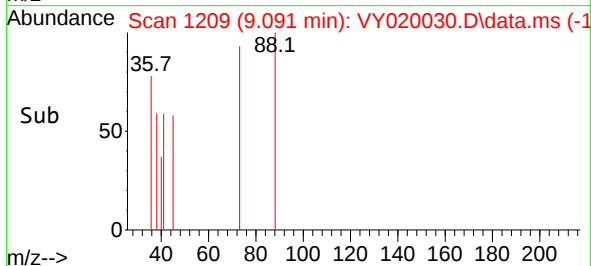
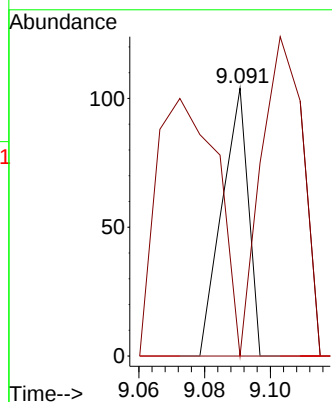
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 187.9 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 50.068 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020030.D

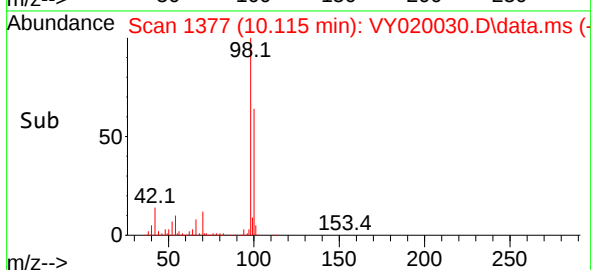
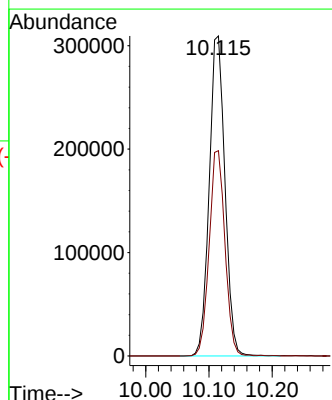
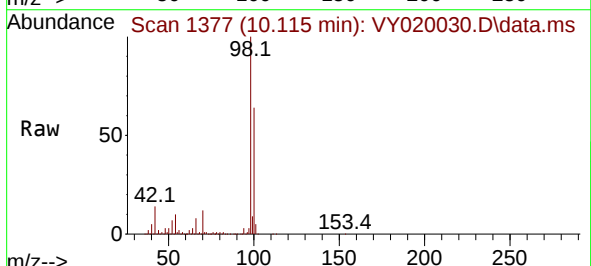
Acq: 28 Oct 2024 09:58

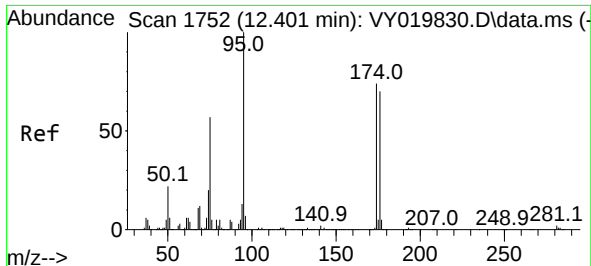
Tgt Ion: 98 Resp: 534715

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 39.454 ug/l

RT: 12.407 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

Instrument :

MSVOA_Y

ClientSampleId :

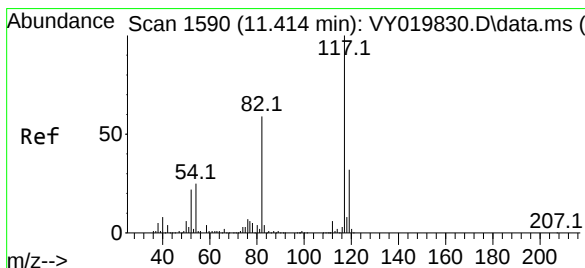
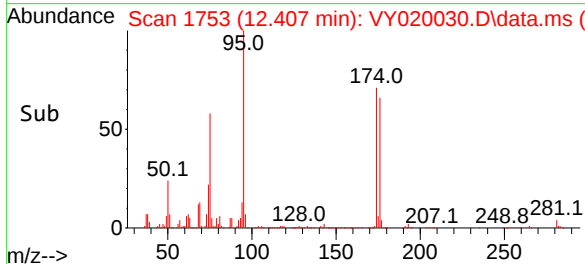
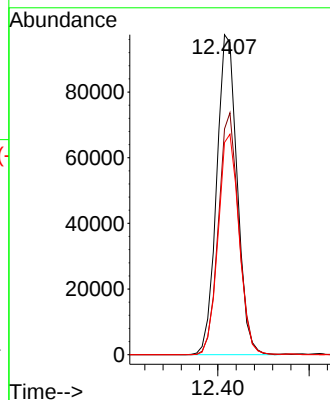
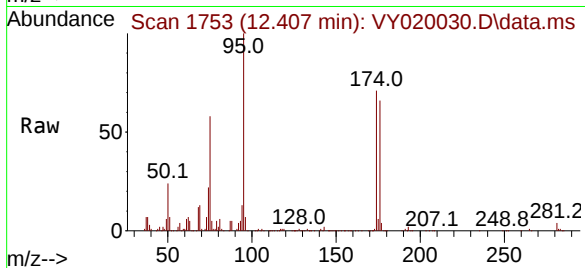
Tgt Ion: 95 Resp: 152249

Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 70.1 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

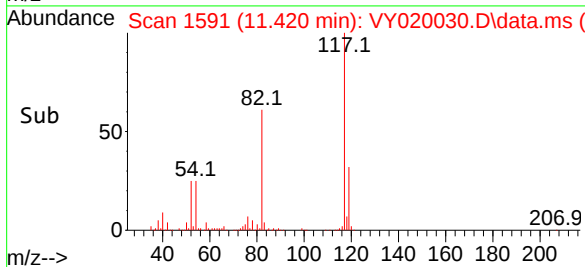
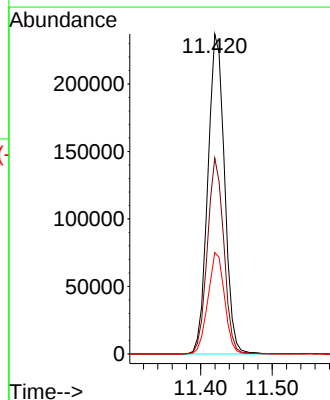
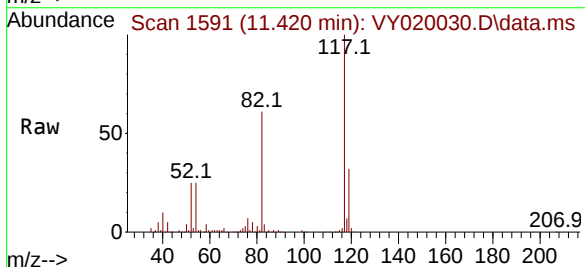
Tgt Ion: 117 Resp: 384846

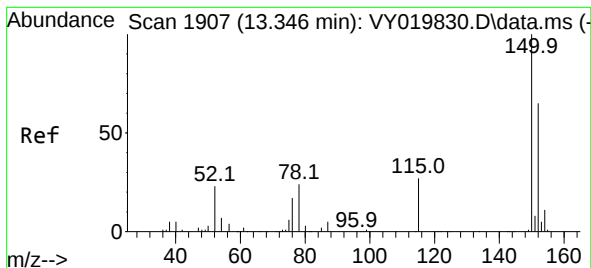
Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

Instrument :

MSVOA_Y

ClientSampleId :

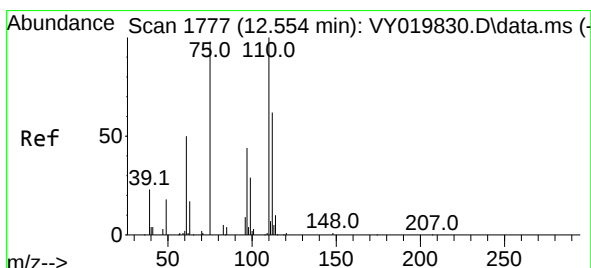
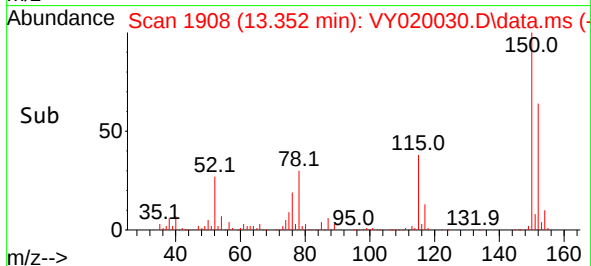
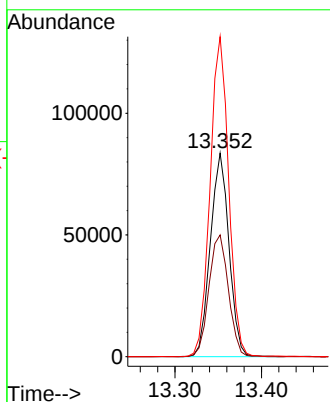
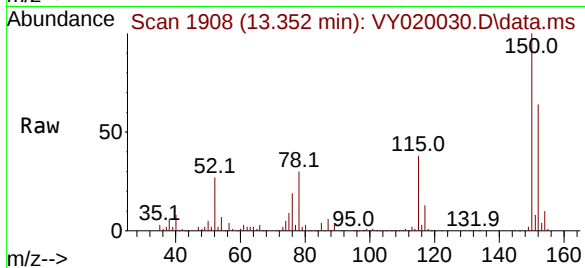
Tgt Ion:152 Resp: 125121

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 156.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 36.317 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020030.D

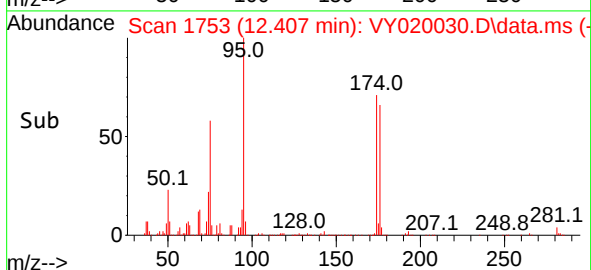
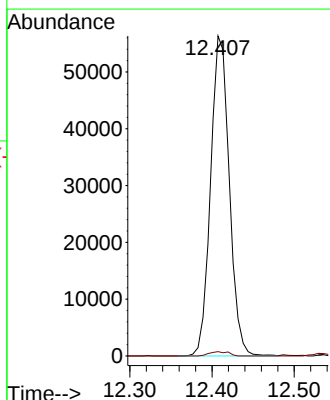
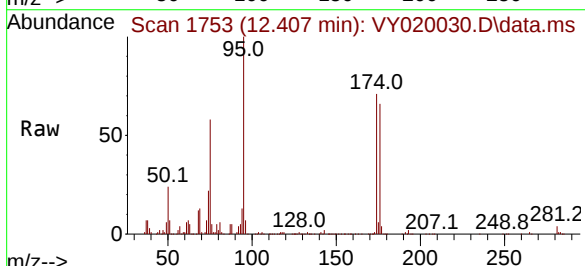
Acq: 28 Oct 2024 09:58

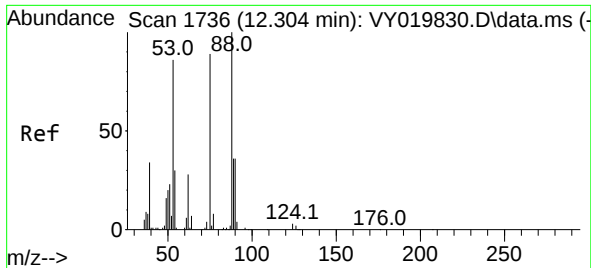
Tgt Ion: 75 Resp: 89016

Ion Ratio Lower Upper

75 100

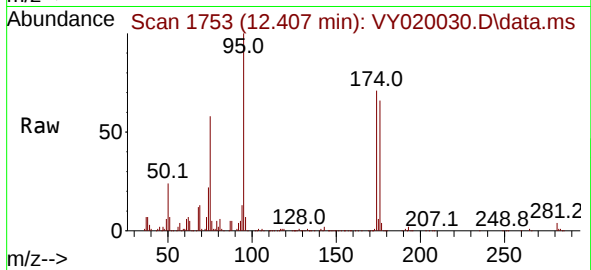
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.588 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020030.D
 Acq: 28 Oct 2024 09:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 89016
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.0 35.8 53.6#

