

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020410.D
 Acq On : 22 Nov 2024 14:03
 Operator : SY/MD
 Sample : P4951-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 00:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

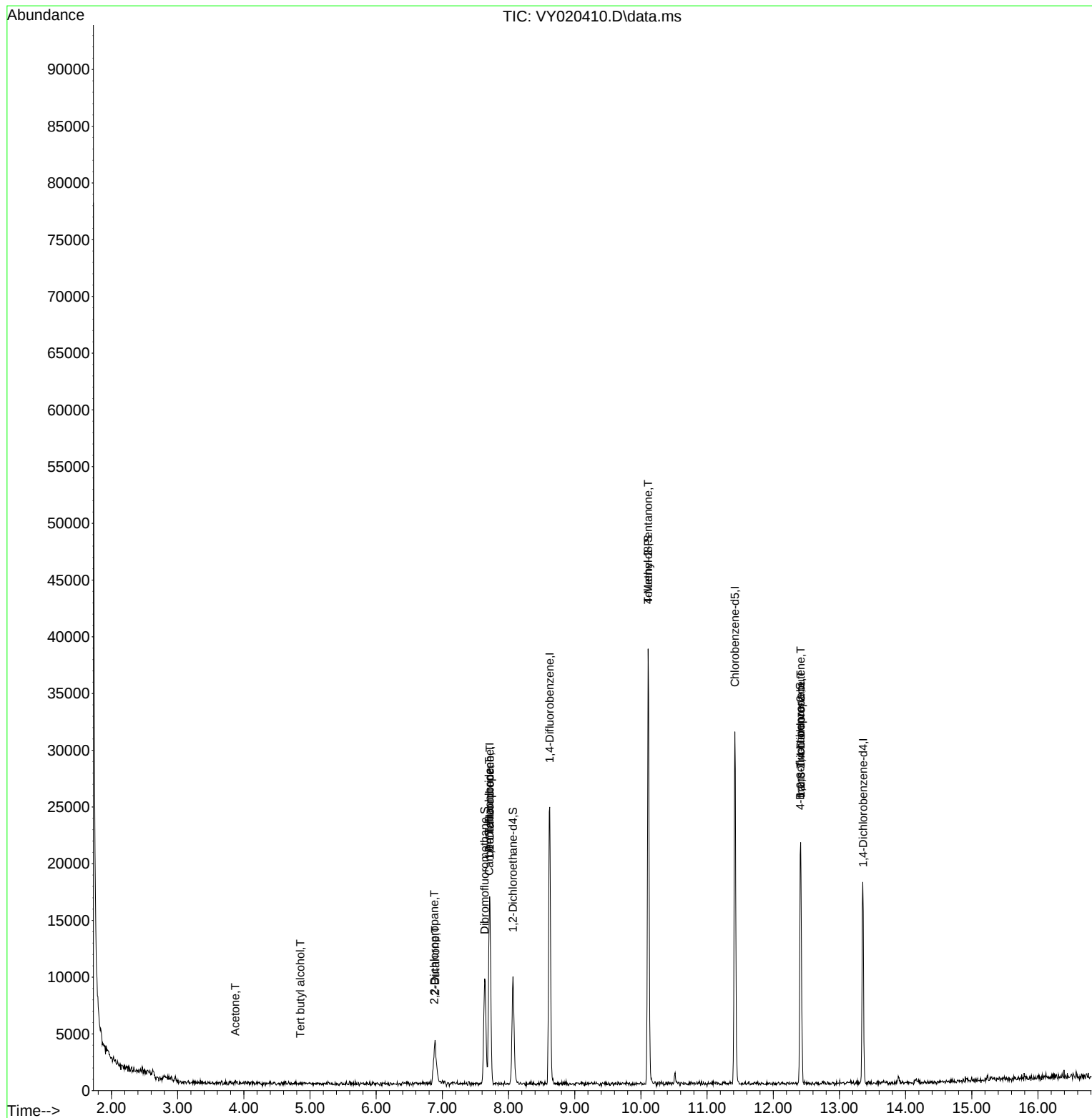
Internal Standards						
1) Pentafluorobenzene	7.713	168	12475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	21005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	4473	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7759	54.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.280%	
35) Dibromofluoromethane	7.640	113	6736	50.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.020%	
50) Toluene-d8	10.109	98	24057	45.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.680%	
62) 4-Bromofluorobenzene	12.408	95	6280	36.819	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 73.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	25	1.585	ug/l #	73
16) Acetone	3.873	43	270	7.858	ug/l #	43
25) 2-Butanone	6.890	43	74	1.673	ug/l #	50
26) 2,2-Dichloropropane	6.878	77	242	1.000	ug/l #	54
36) 1,1-Dichloropropene	7.720	75	1203	5.848	ug/l #	43
38) Carbon Tetrachloride	7.707	117	1272	5.922	ug/l #	11
51) 4-Methyl-2-Pentanone	10.109	43	132	1.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	3630	86.102	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	3630	168.713	ug/l #	9

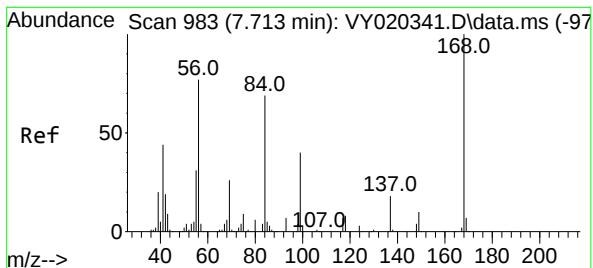
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
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: VY020410.D

Acq: 22 Nov 2024 14:03

Instrument :

MSVOA_Y

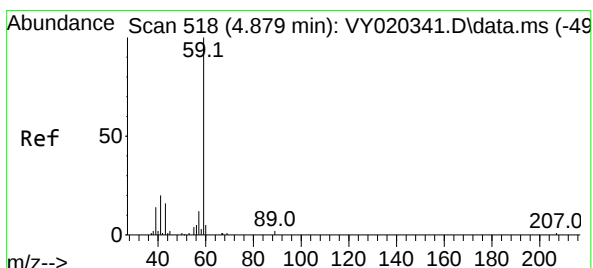
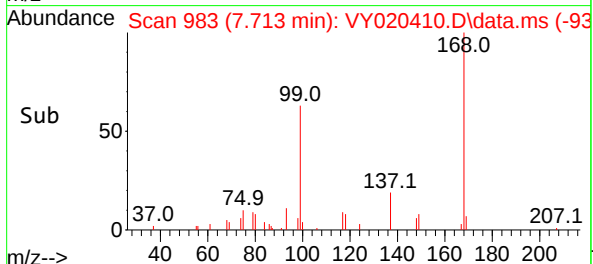
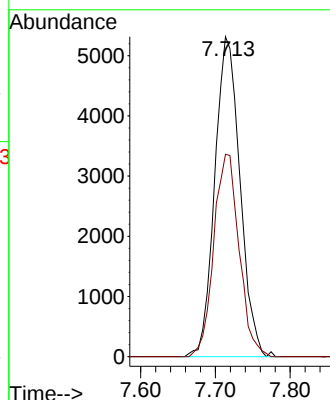
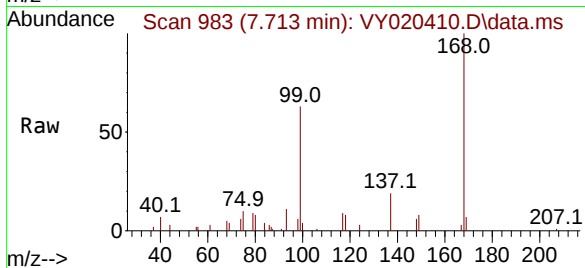
ClientSampleId :

Tgt Ion:168 Resp: 12475

Ion Ratio Lower Upper

168 100

99 63.2 46.6 69.8



#11

Tert butyl alcohol

Concen: 1.585 ug/l

RT: 4.854 min Scan# 514

Delta R.T. -0.024 min

Lab File: VY020410.D

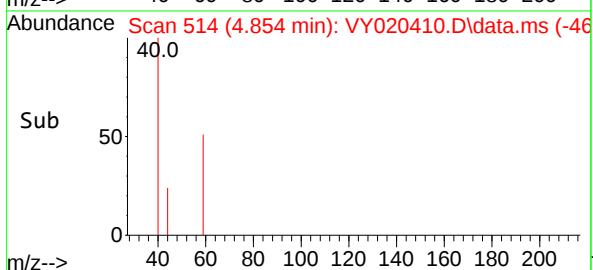
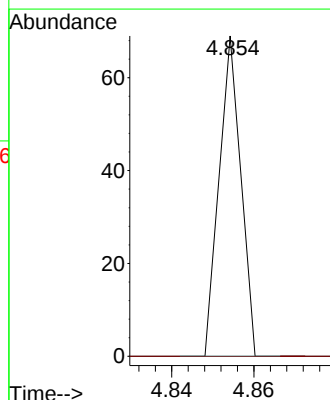
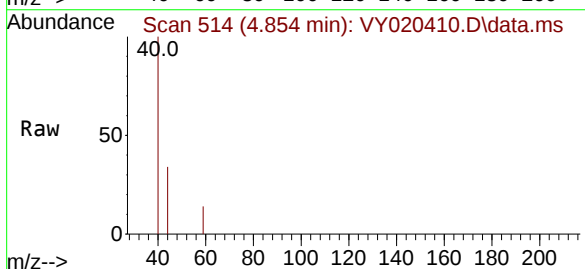
Acq: 22 Nov 2024 14:03

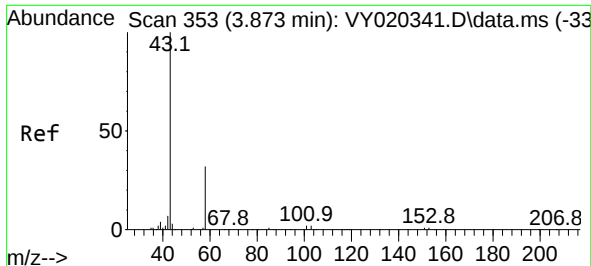
Tgt Ion: 59 Resp: 25

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

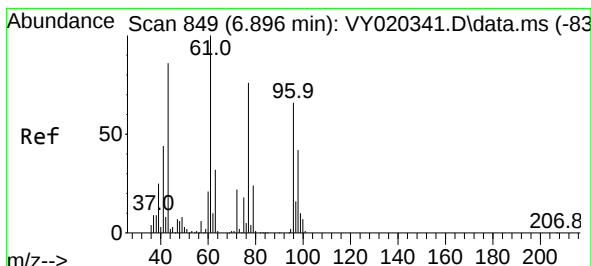
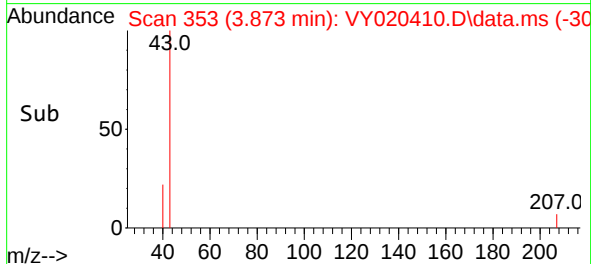
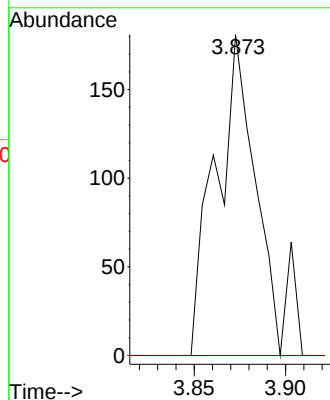
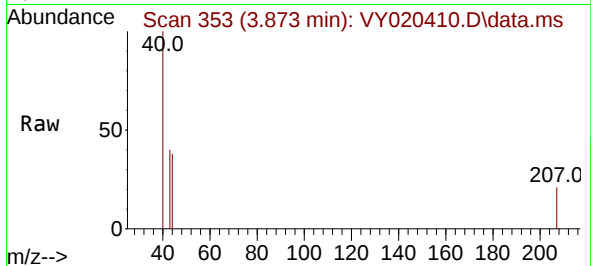




#16
Acetone
Concen: 7.858 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020410.D
Acq: 22 Nov 2024 14:03

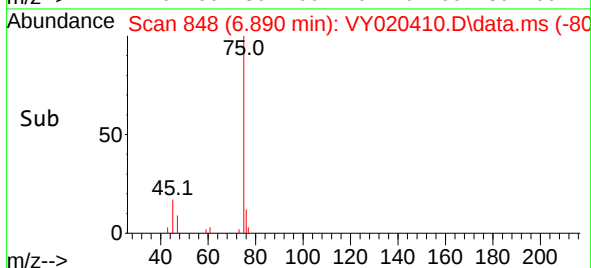
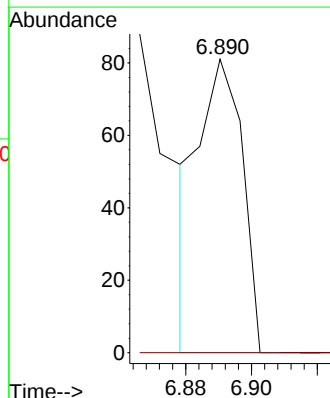
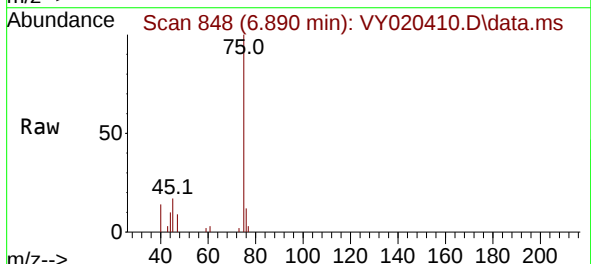
Instrument :
MSVOA_Y
ClientSampleId :

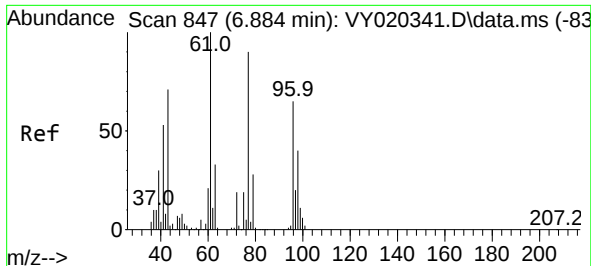
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#25
2-Butanone
Concen: 1.673 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY020410.D
Acq: 22 Nov 2024 14:03

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#





#26

2,2-Dichloropropane

Concen: 1.000 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.006 min

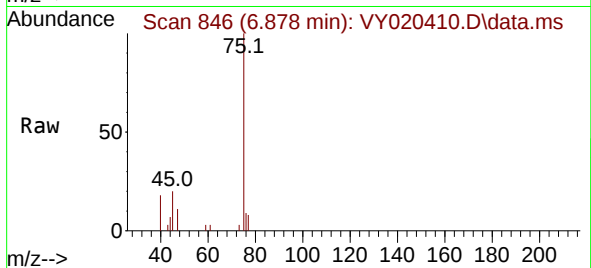
Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

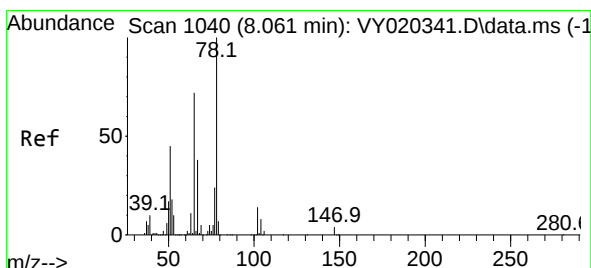
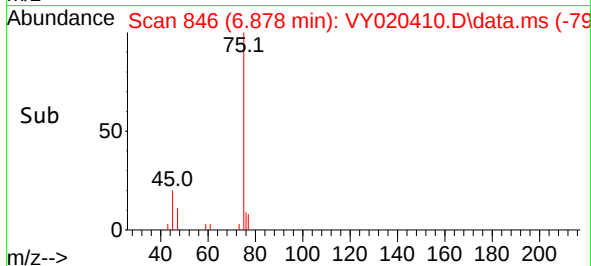
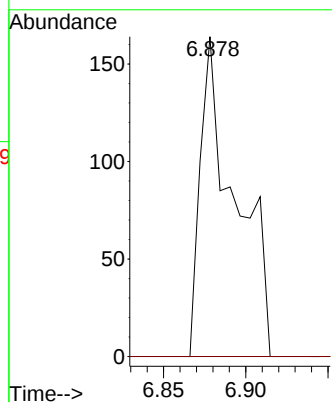


Tgt Ion: 77 Resp: 242

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.7#



#33

1,2-Dichloroethane-d4

Concen: 54.136 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020410.D

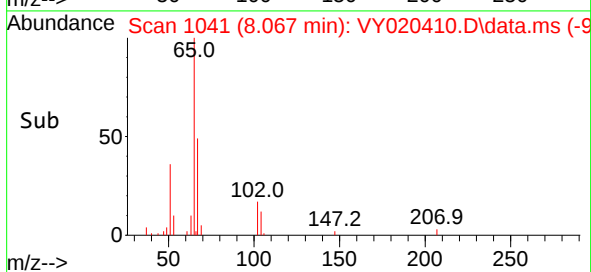
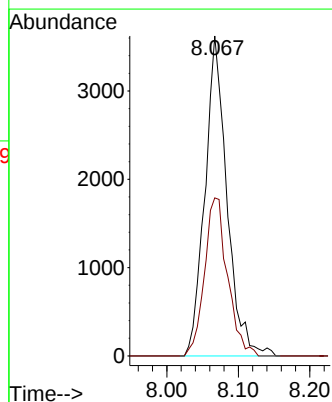
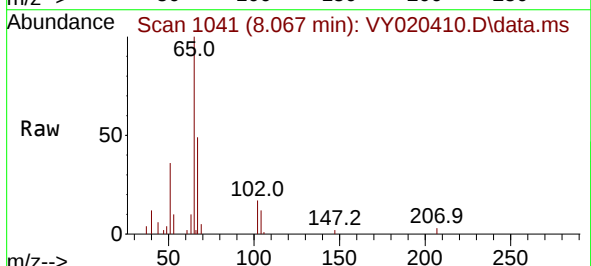
Acq: 22 Nov 2024 14:03

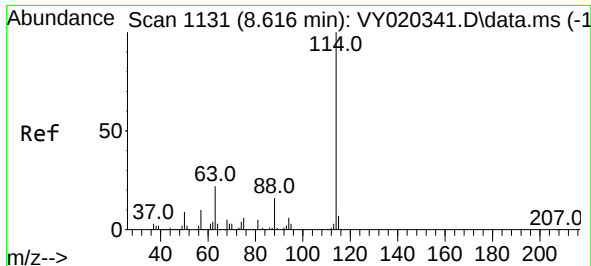
Tgt Ion: 65 Resp: 7759

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020410.D

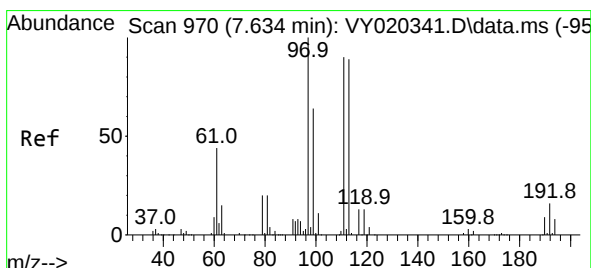
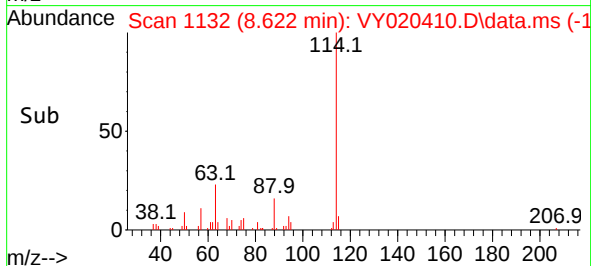
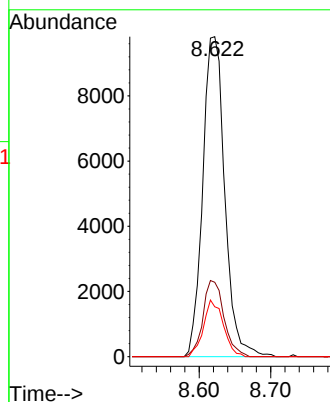
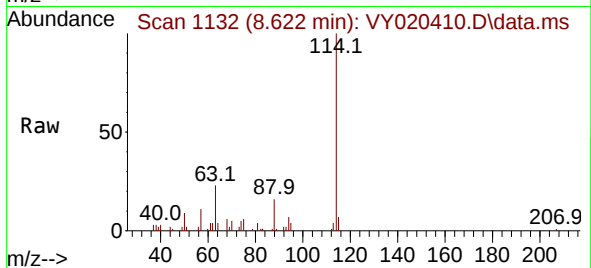
Acq: 22 Nov 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	21005
Ion Ratio	Lower	Upper
114	100	
63	23.2	0.0 44.8
88	15.6	0.0 32.0



#35

Dibromofluoromethane

Concen: 50.011 ug/l

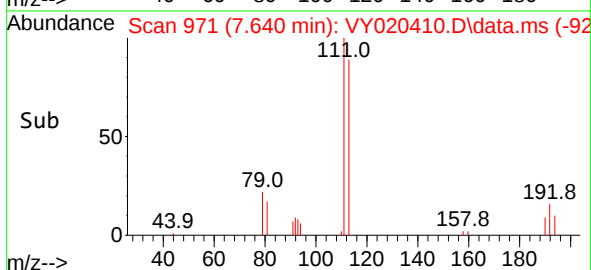
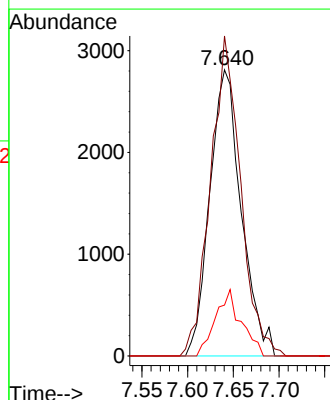
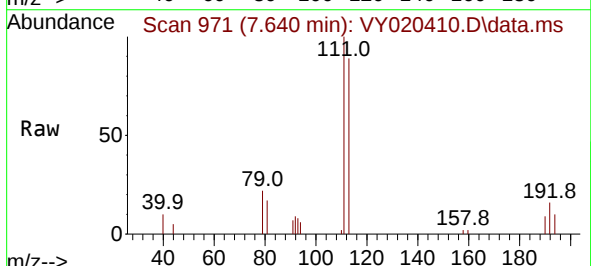
RT: 7.640 min Scan# 971

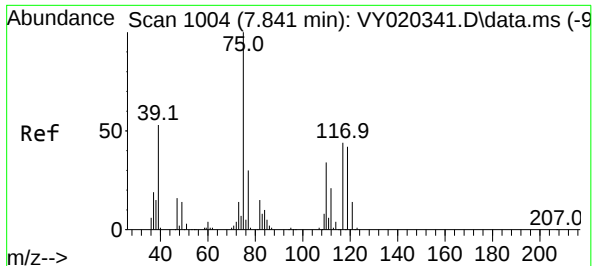
Delta R.T. 0.006 min

Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

Tgt Ion:113	Resp:	6736
Ion Ratio	Lower	Upper
113	100	
111	106.7	81.4 122.0
192	18.9	15.1 22.7





#36

1,1-Dichloropropene

Concen: 5.848 ug/l

RT: 7.720 min Scan# 91

Delta R.T. -0.122 min

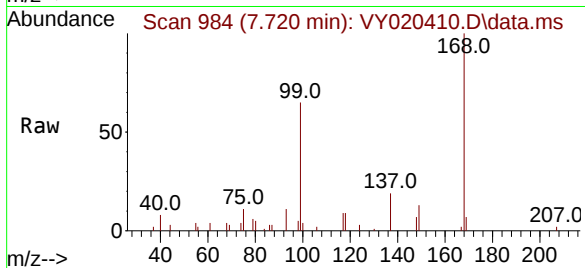
Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

Instrument :

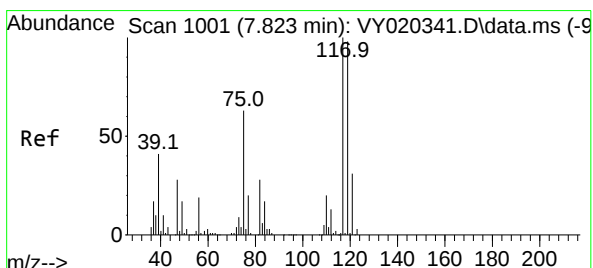
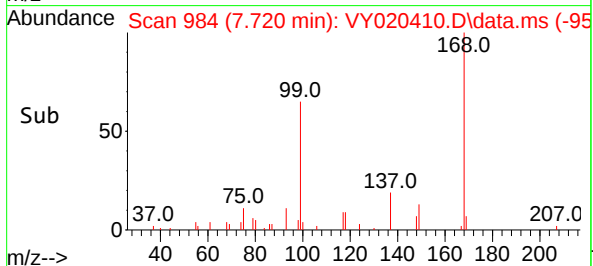
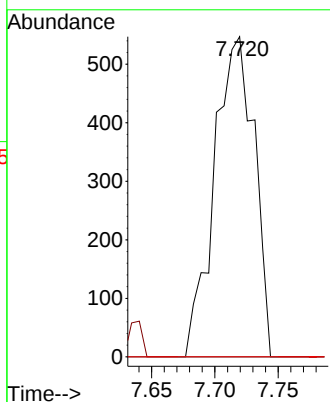
MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 1203

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.0#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.922 ug/l

RT: 7.707 min Scan# 982

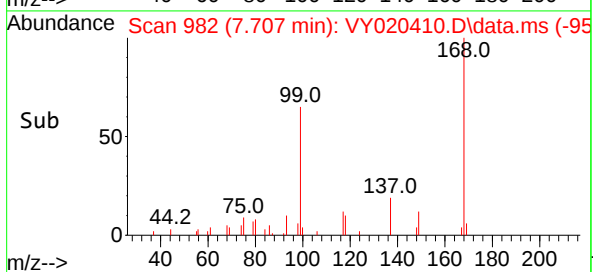
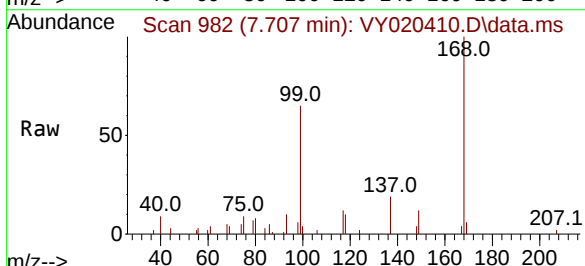
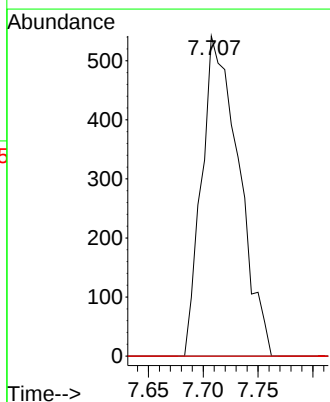
Delta R.T. -0.116 min

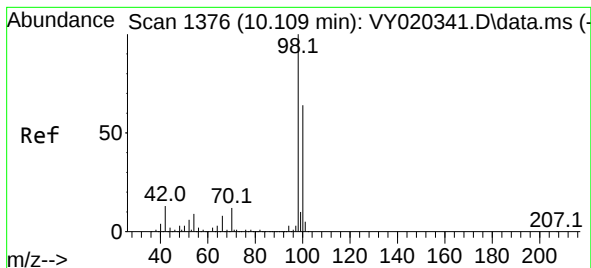
Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

Tgt Ion: 117 Resp: 1272

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.8	116.6#
121	0.0	24.6	37.0#





#50

Toluene-d8

Concen: 45.342 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

Instrument :

MSVOA_Y

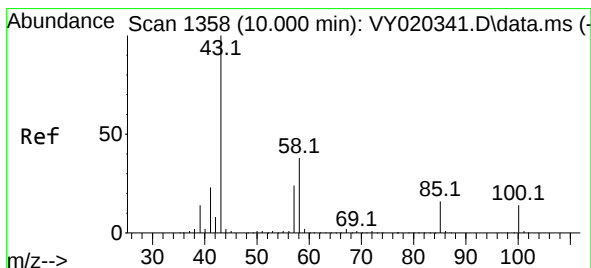
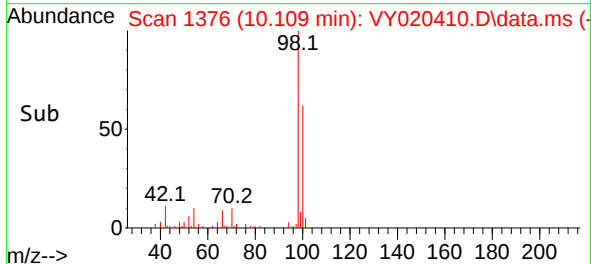
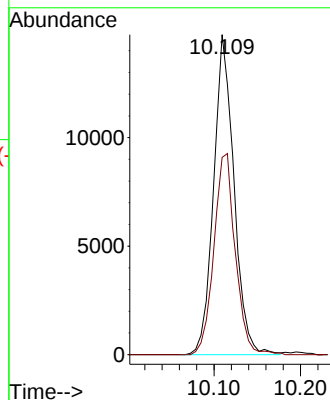
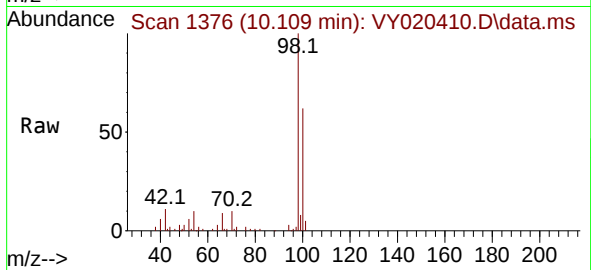
ClientSampleId :

Tgt Ion: 98 Resp: 24057

Ion Ratio Lower Upper

98 100

100 66.1 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.419 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.110 min

Lab File: VY020410.D

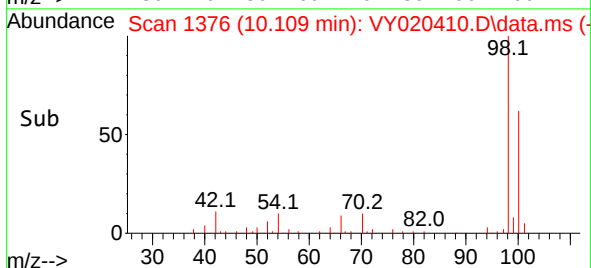
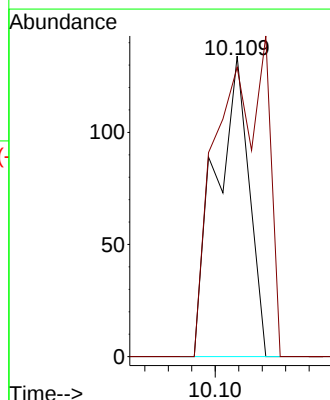
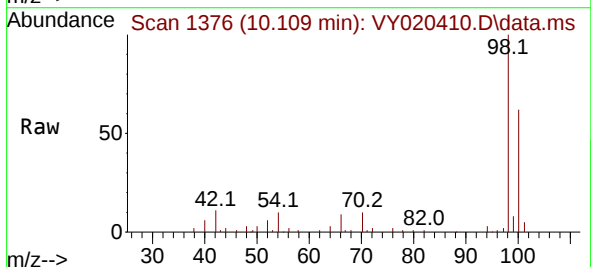
Acq: 22 Nov 2024 14:03

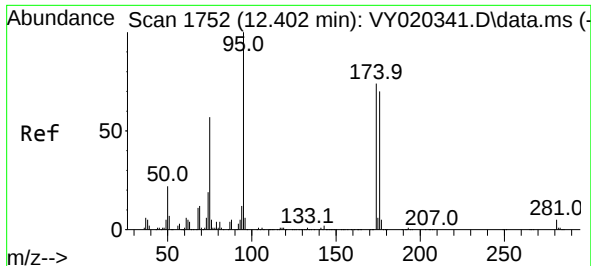
Tgt Ion: 43 Resp: 132

Ion Ratio Lower Upper

43 100

58 155.3 30.9 46.3#

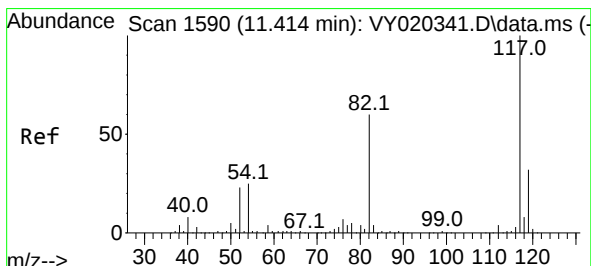
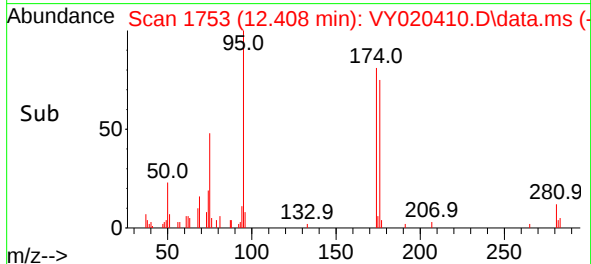
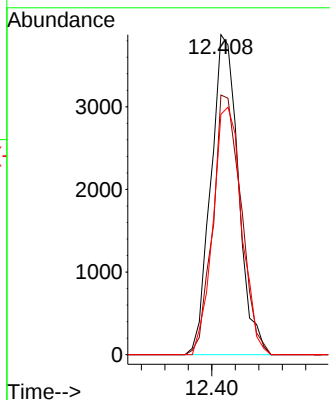
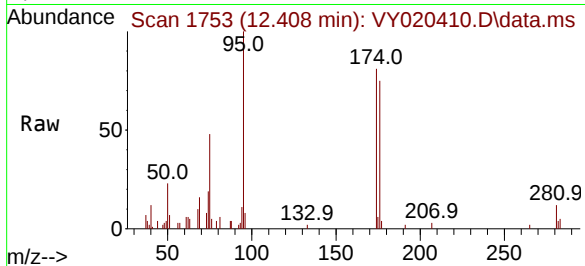




#62
4-Bromofluorobenzene
Concen: 36.819 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020410.D
Acq: 22 Nov 2024 14:03

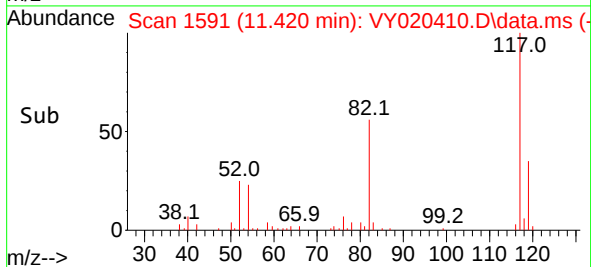
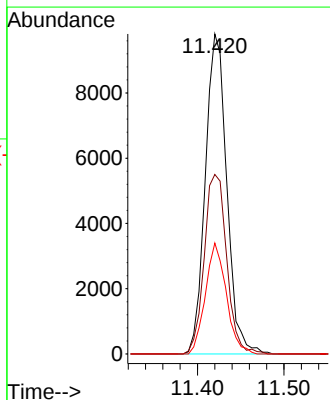
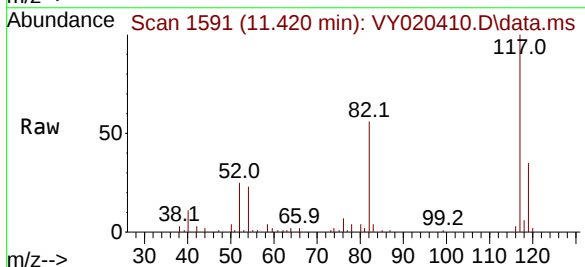
Instrument :
MSVOA_Y
ClientSampleId :

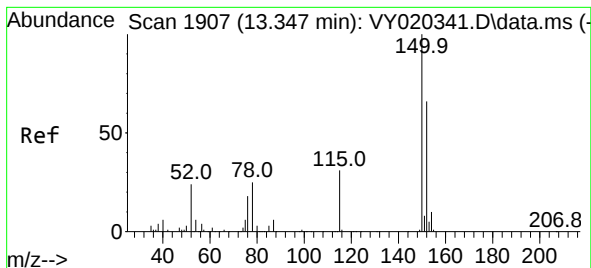
Tgt Ion: 95 Resp: 6280
Ion Ratio Lower Upper
95 100
174 83.7 0.0 156.8
176 80.8 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020410.D
Acq: 22 Nov 2024 14:03

Tgt Ion: 117 Resp: 16871
Ion Ratio Lower Upper
117 100
82 56.1 48.2 72.4
119 34.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY020410.D

Acq: 22 Nov 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

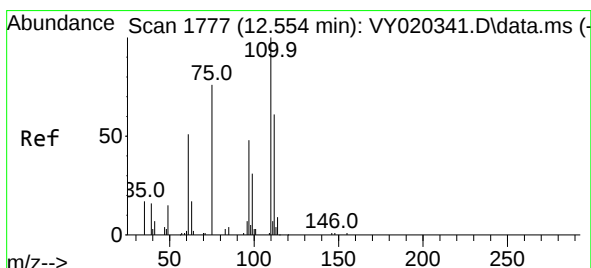
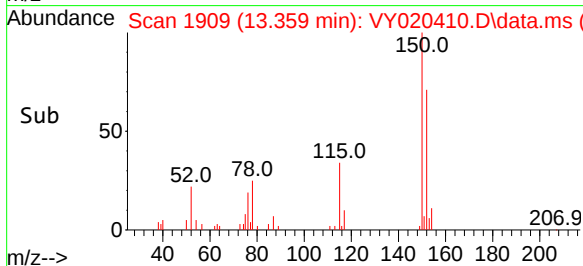
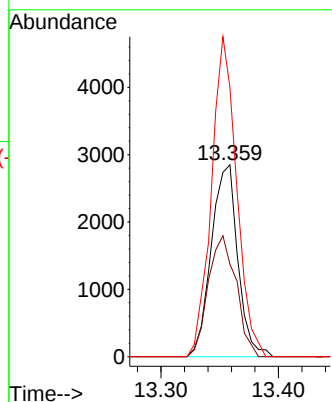
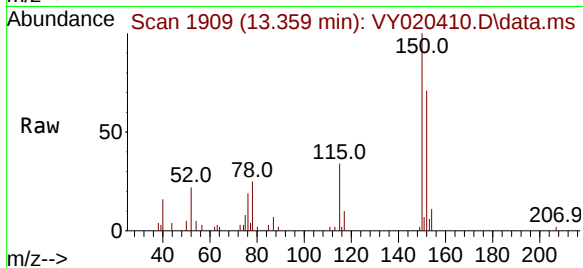
Tgt Ion:152 Resp: 4473

Ion Ratio Lower Upper

152 100

115 65.9 30.0 90.0

150 158.3 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 86.102 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.140 min

Lab File: VY020410.D

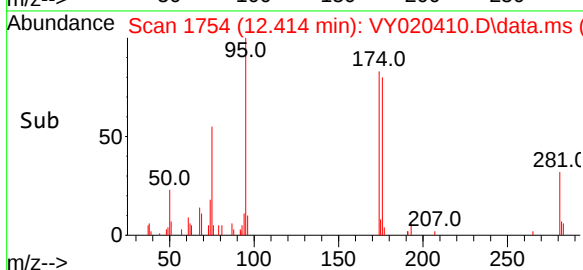
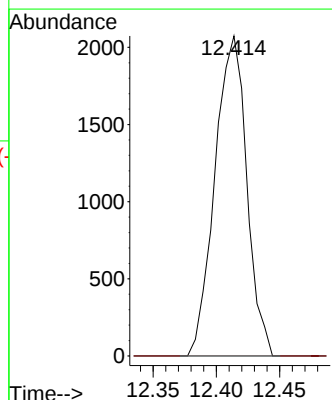
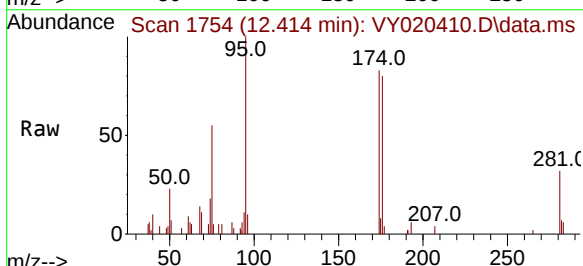
Acq: 22 Nov 2024 14:03

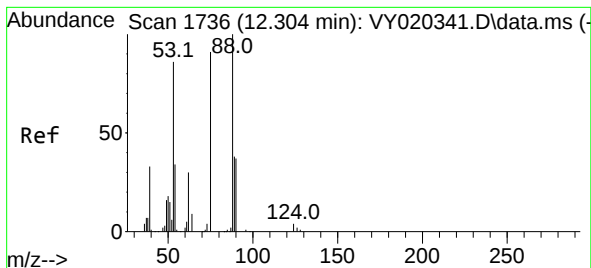
Tgt Ion: 75 Resp: 3630

Ion Ratio Lower Upper

75 100

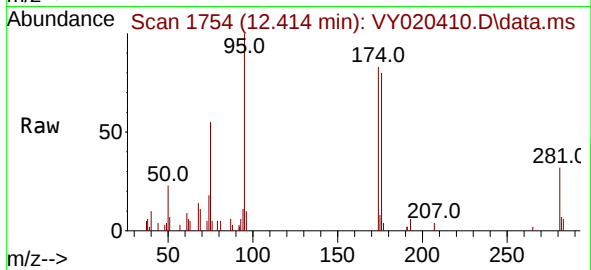
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 168.713 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY020410.D
 Acq: 22 Nov 2024 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 3630
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.0 35.1 52.7#

