

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020394.D
 Acq On : 21 Nov 2024 18:04
 Operator : SY/MD
 Sample : P4925-07
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:28:08 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	7.707	168	124823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	228431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	201781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	77403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72776	50.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.500%
35) Dibromofluoromethane	7.640	113	69838	47.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.360%
50) Toluene-d8	10.109	98	274111	47.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.407	95	87260	47.044	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.080%

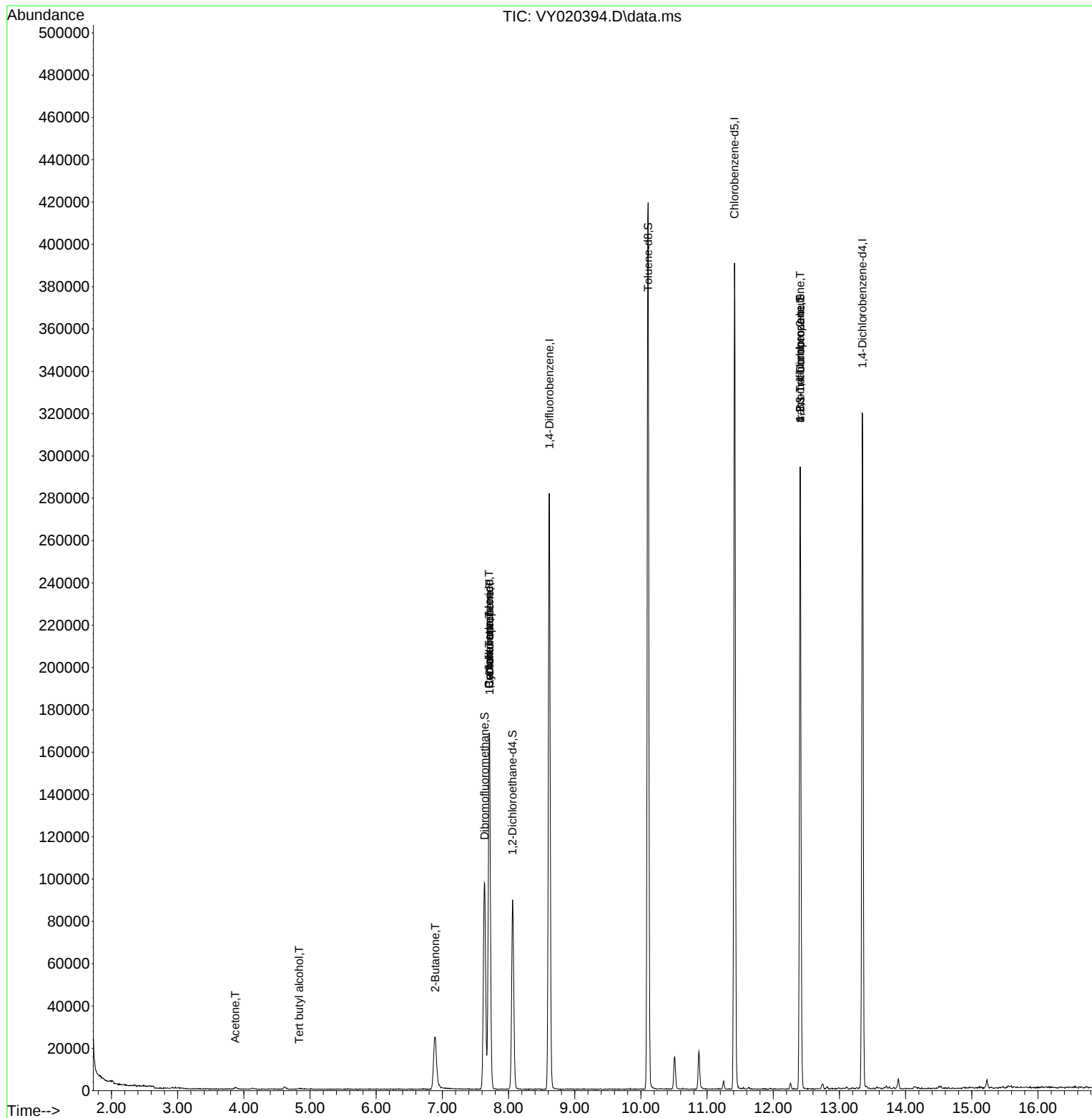
Target Compounds					Qvalue	
3) Chloromethane	2.080	50	132	Below Cal	#	41
11) Tert butyl alcohol	4.836	59	340	2.367	ug/l #	73
16) Acetone	3.872	43	1592	4.631	ug/l #	74
25) 2-Butanone	6.890	43	1577	3.563	ug/l	98
31) Cyclohexane	7.707	56	2970	1.111	ug/l #	13
36) 1,1-Dichloropropene	7.713	75	11085	4.955	ug/l #	52
38) Carbon Tetrachloride	7.707	117	13263	5.678	ug/l #	14
76) 1,2,3-Trichloropropane	12.407	75	48418	66.367	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	48418	130.044	ug/l #	9

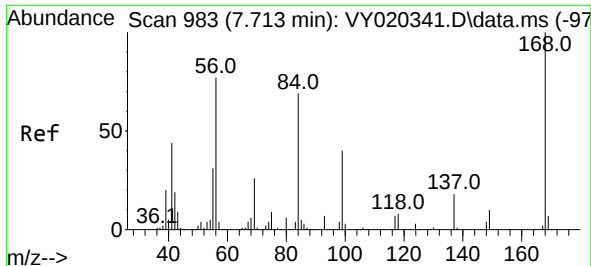
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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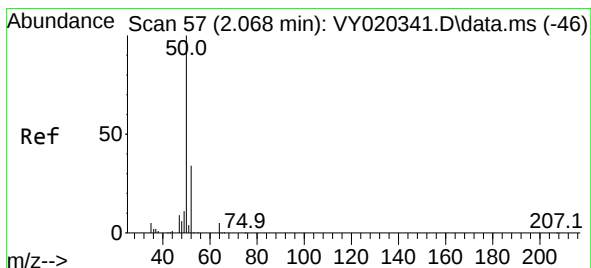
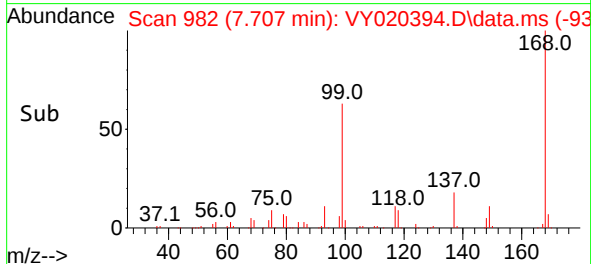
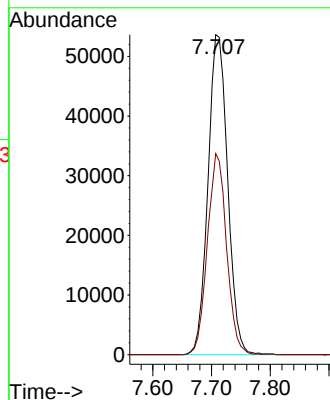
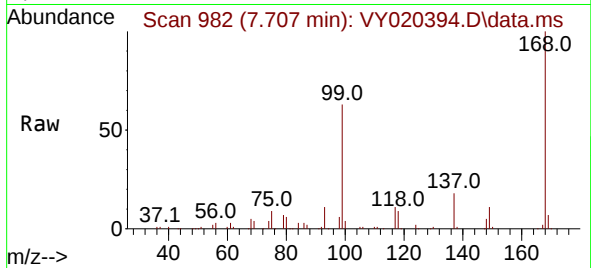




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

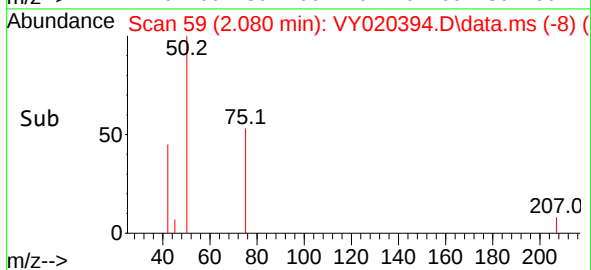
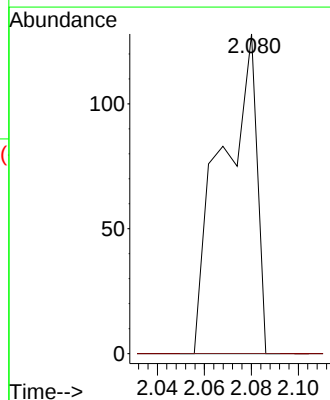
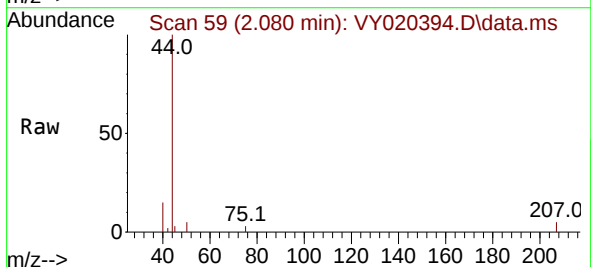
Instrument :
MSVOA_Y
ClientSampleId :

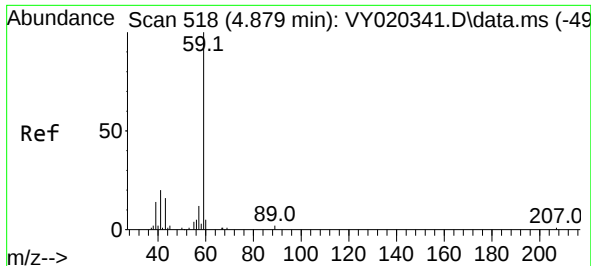
Tgt Ion:168 Resp: 124823
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

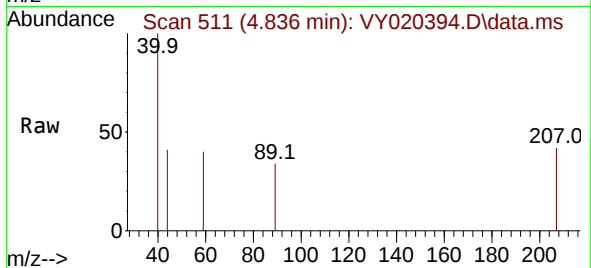
Tgt Ion: 50 Resp: 132
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



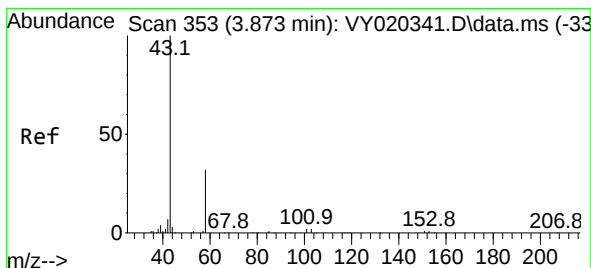
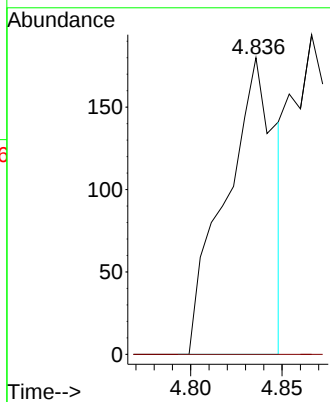
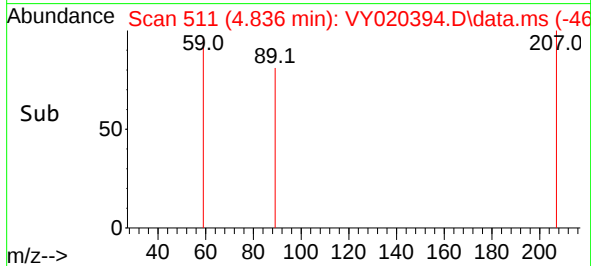


#11
Tert butyl alcohol
Concen: 2.367 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.043 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

Instrument :
MSVOA_Y
ClientSampleId :

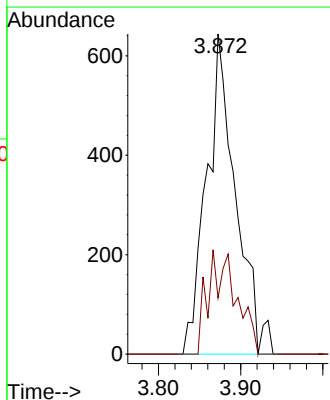
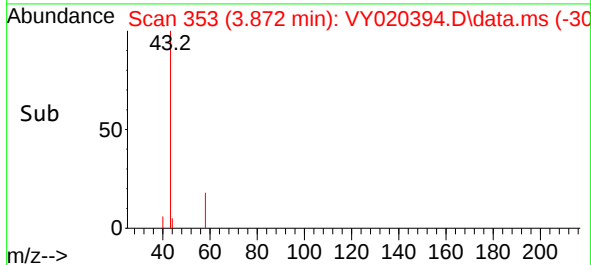
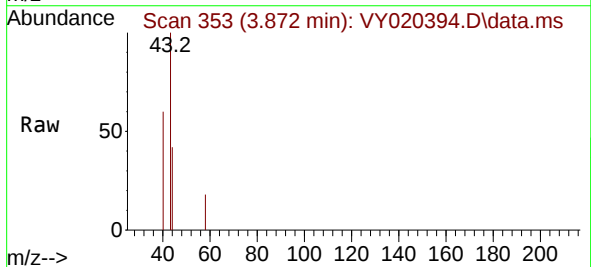


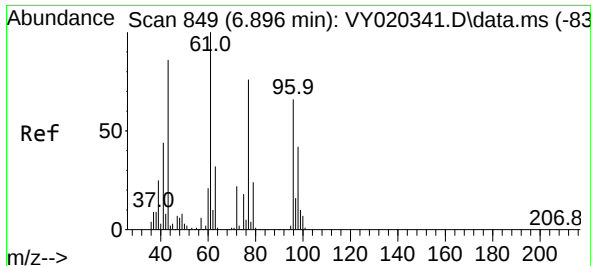
Tgt Ion: 59 Resp: 340
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 4.631 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 17.5 25.7 38.5#





#25

2-Butanone

Concen: 3.563 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

Instrument :

MSVOA_Y

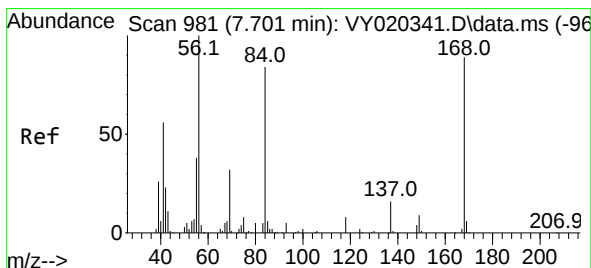
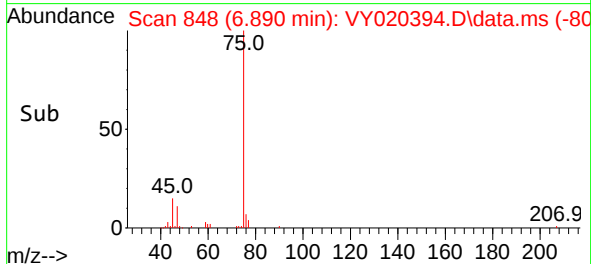
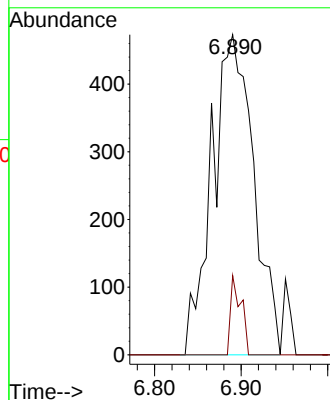
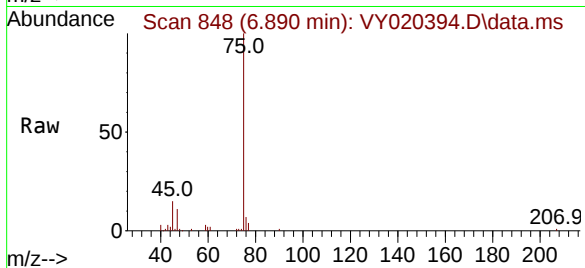
ClientSampleId :

Tgt Ion: 43 Resp: 1577

Ion Ratio Lower Upper

43 100

72 24.7 20.4 30.6



#31

Cyclohexane

Concen: 1.111 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

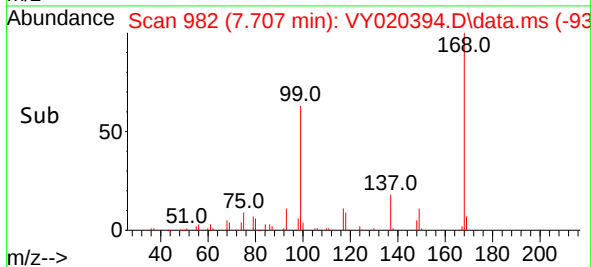
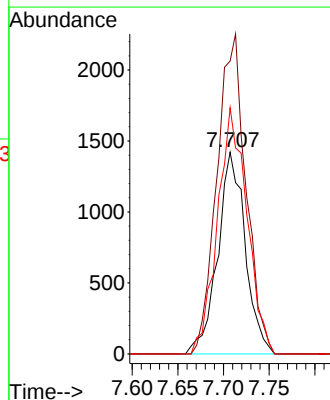
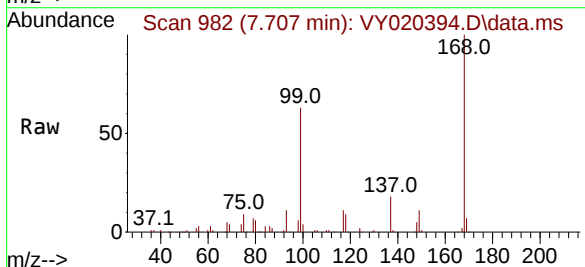
Tgt Ion: 56 Resp: 2970

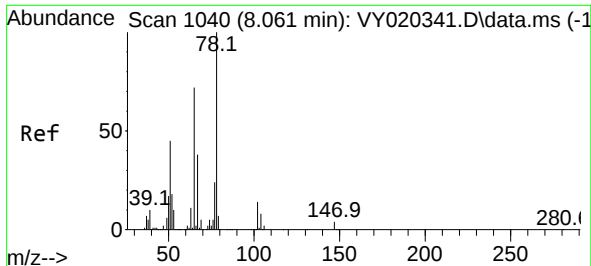
Ion Ratio Lower Upper

56 100

69 145.2 25.3 37.9#

84 122.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.748 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

Instrument :

MSVOA_Y

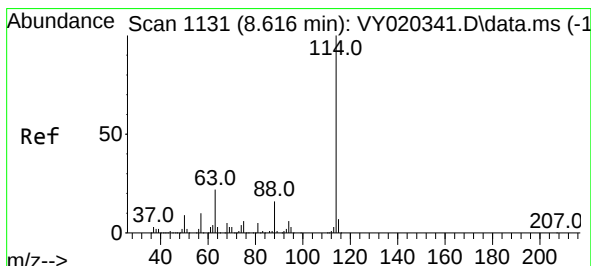
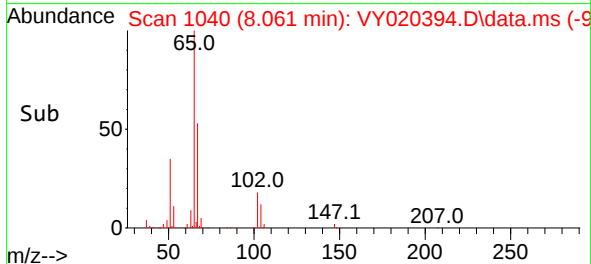
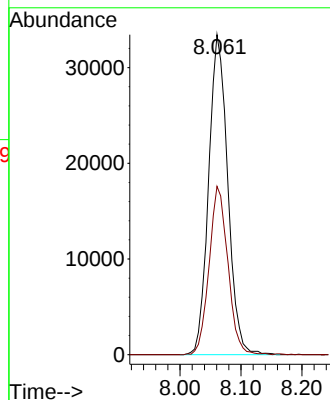
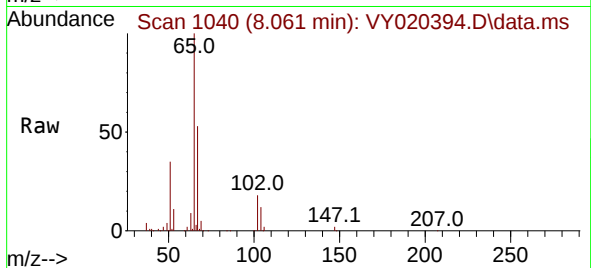
ClientSampleId :

Tgt Ion: 65 Resp: 72776

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

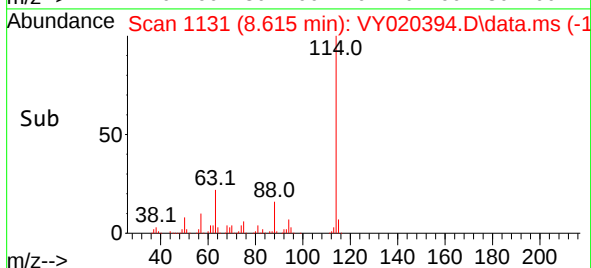
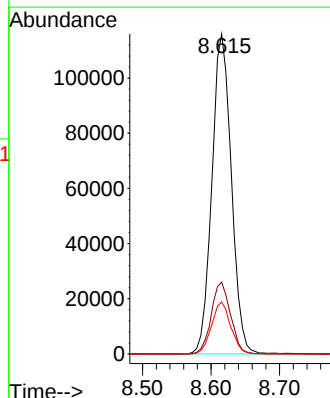
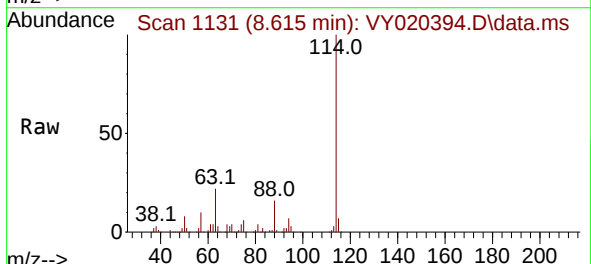
Tgt Ion: 114 Resp: 228431

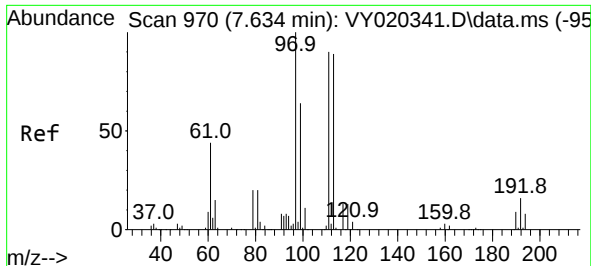
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.8

88 16.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.679 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

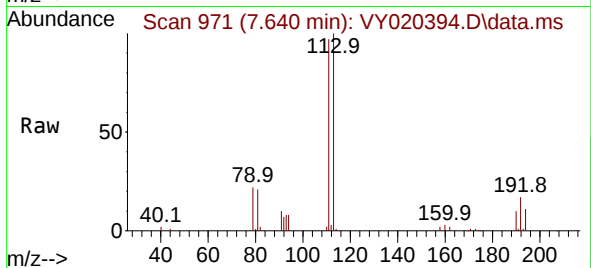
Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :



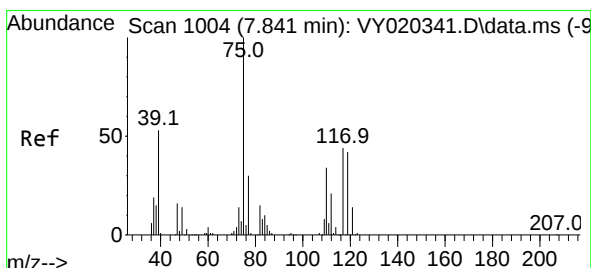
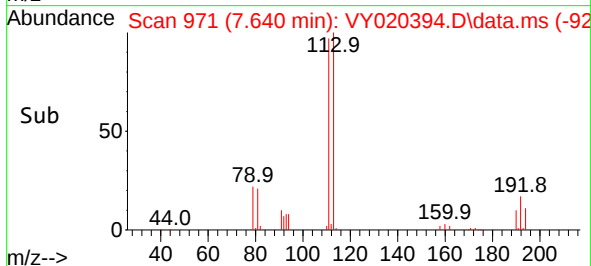
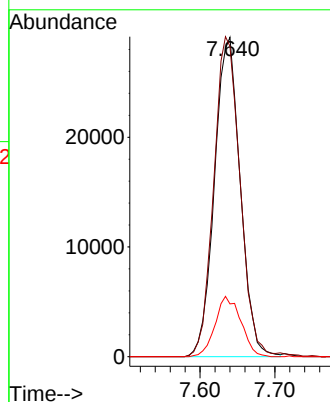
Tgt Ion:113 Resp: 69838

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.955 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

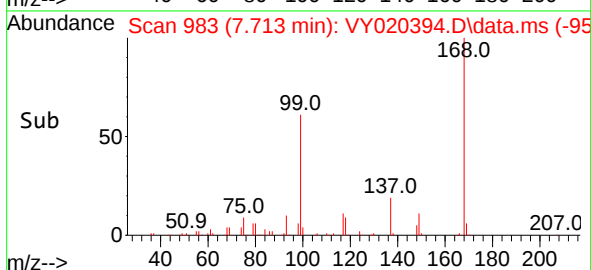
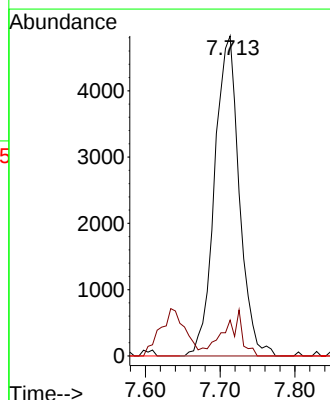
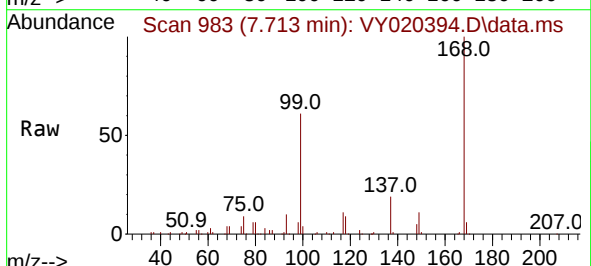
Tgt Ion: 75 Resp: 11085

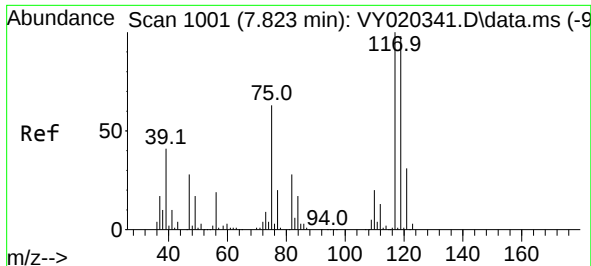
Ion Ratio Lower Upper

75 100

110 10.1 16.7 50.0#

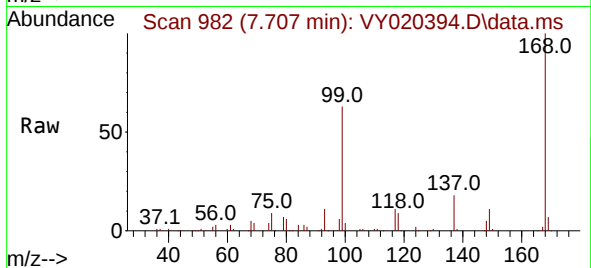
77 0.0 24.6 36.8#



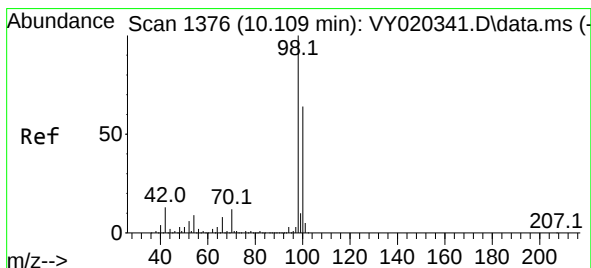
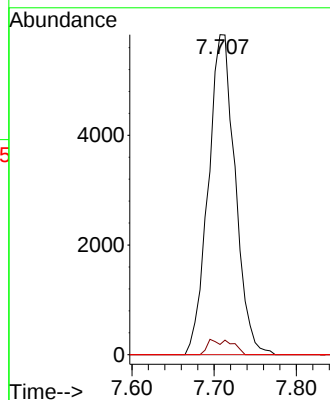
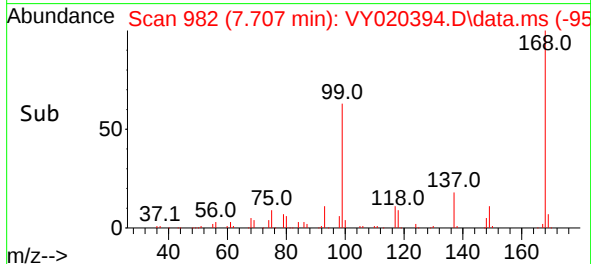


#38
Carbon Tetrachloride
Concen: 5.678 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

Instrument :
MSVOA_Y
ClientSampleId :

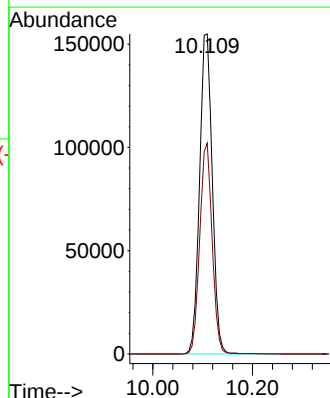
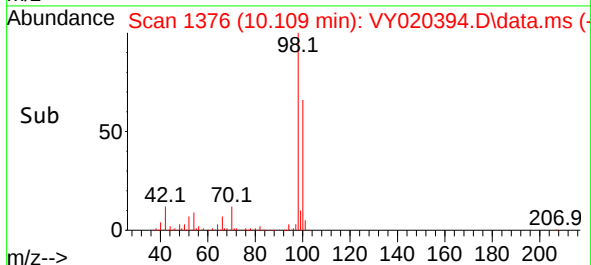
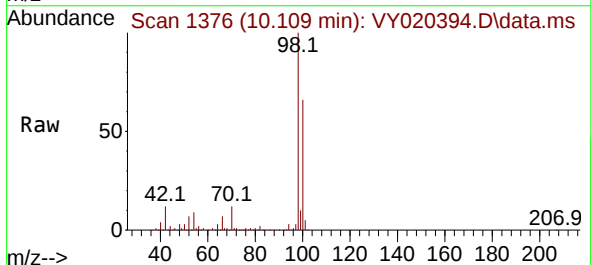


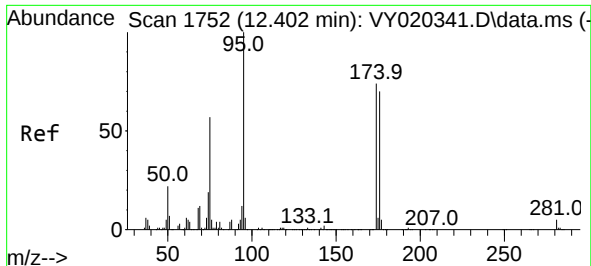
Tgt Ion:117 Resp: 13263
Ion Ratio Lower Upper
117 100
119 3.2 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.506 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

Tgt Ion: 98 Resp: 274111
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9

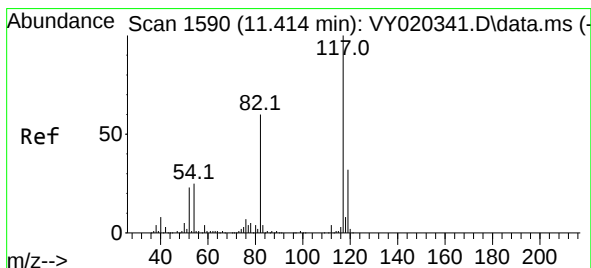
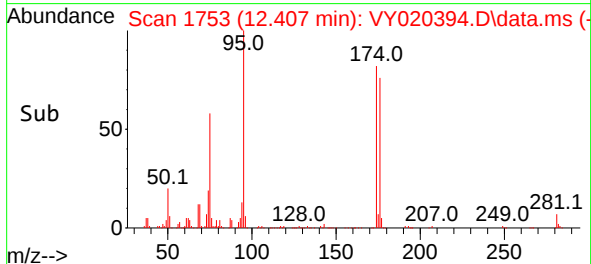
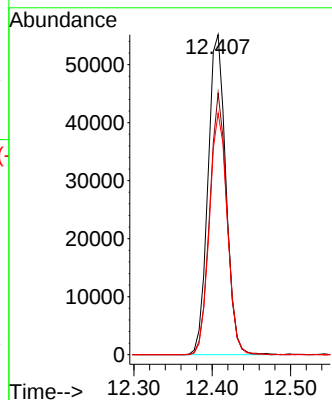
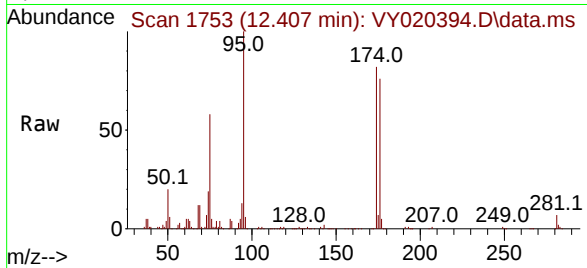




#62
4-Bromofluorobenzene
Concen: 47.044 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

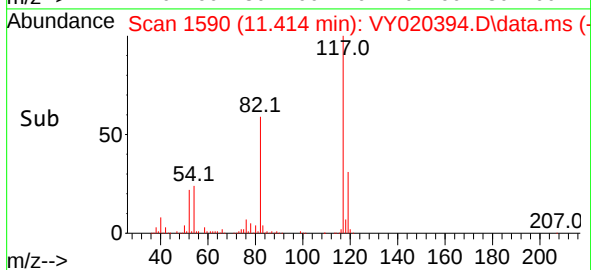
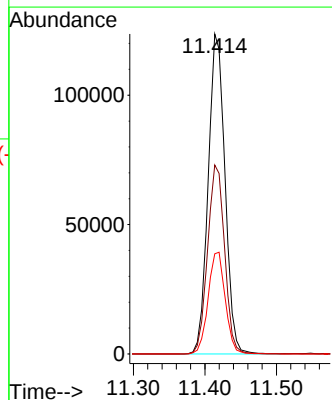
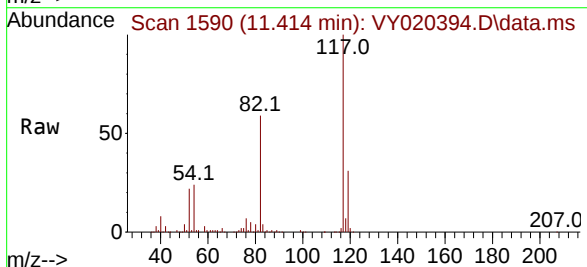
Instrument :
MSVOA_Y
ClientSampleId :

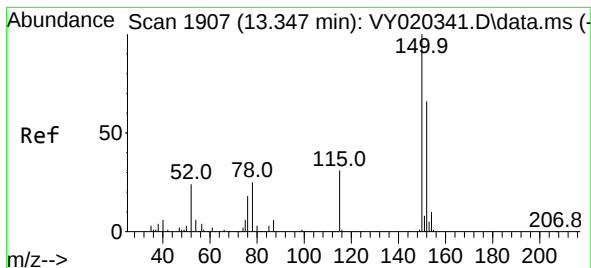
Tgt Ion: 95 Resp: 87260
Ion Ratio Lower Upper
95 100
174 79.0 0.0 156.8
176 75.4 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

Tgt Ion: 117 Resp: 201781
Ion Ratio Lower Upper
117 100
82 59.0 48.2 72.4
119 31.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

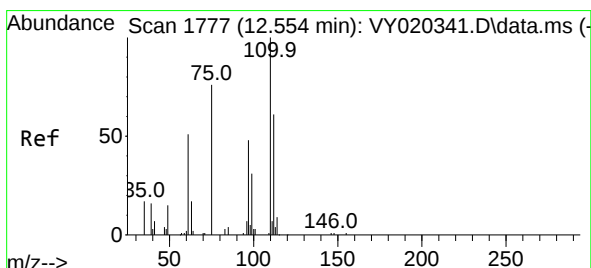
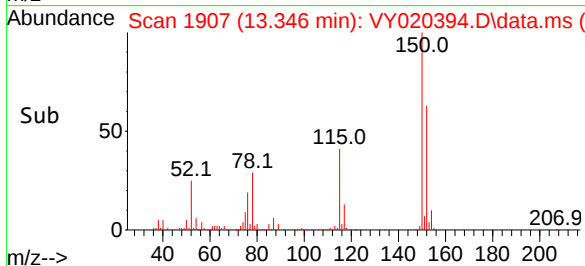
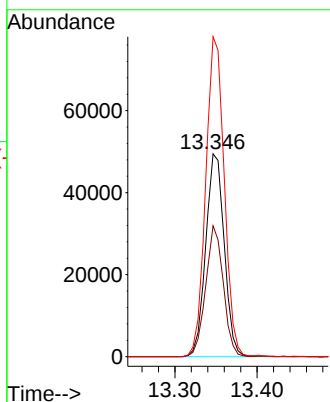
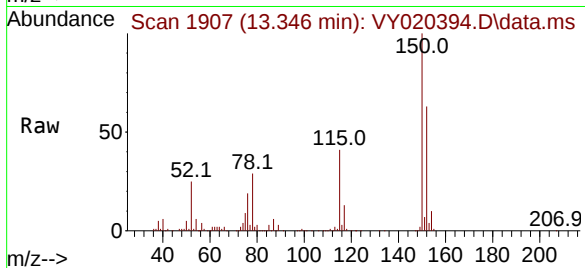
Tgt Ion:152 Resp: 77403

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 157.4 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 66.367 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY020394.D

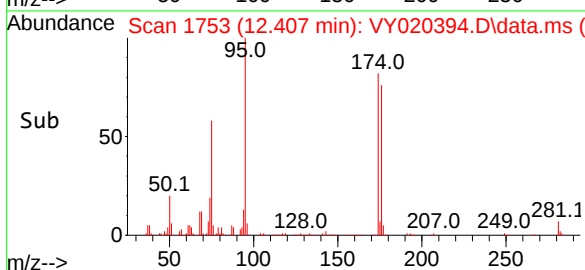
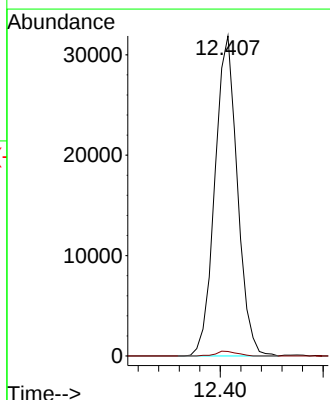
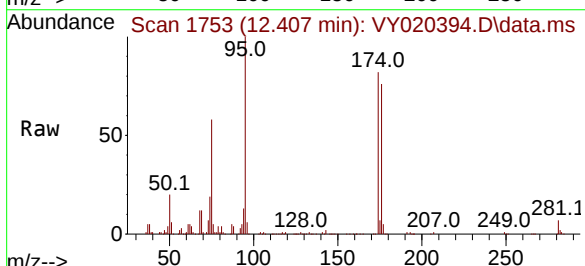
Acq: 21 Nov 2024 18:04

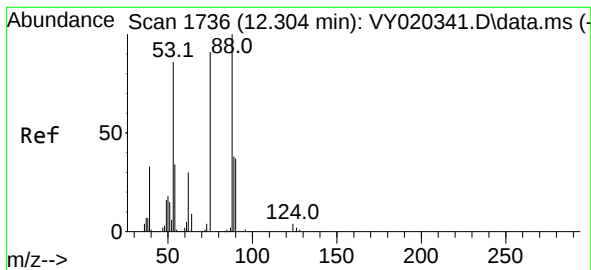
Tgt Ion: 75 Resp: 48418

Ion Ratio Lower Upper

75 100

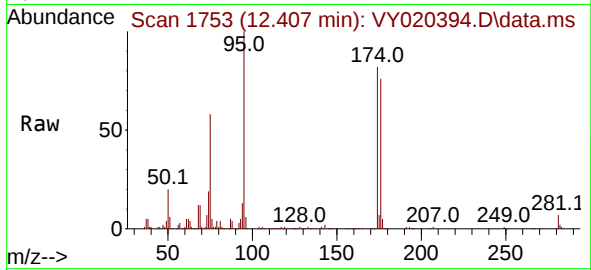
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 130.044 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	48418
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.1	121.7#
89	0.1	35.1	52.7#

