

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020392.D
 Acq On : 21 Nov 2024 17:17
 Operator : SY/MD
 Sample : P4893-03
 Misc : 3.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:27:23 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	141960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	268019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	259791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	108628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89092	54.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.260%
35) Dibromofluoromethane	7.634	113	85960	50.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.103	98	333999	49.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.408	95	117428	53.957	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	107.920%

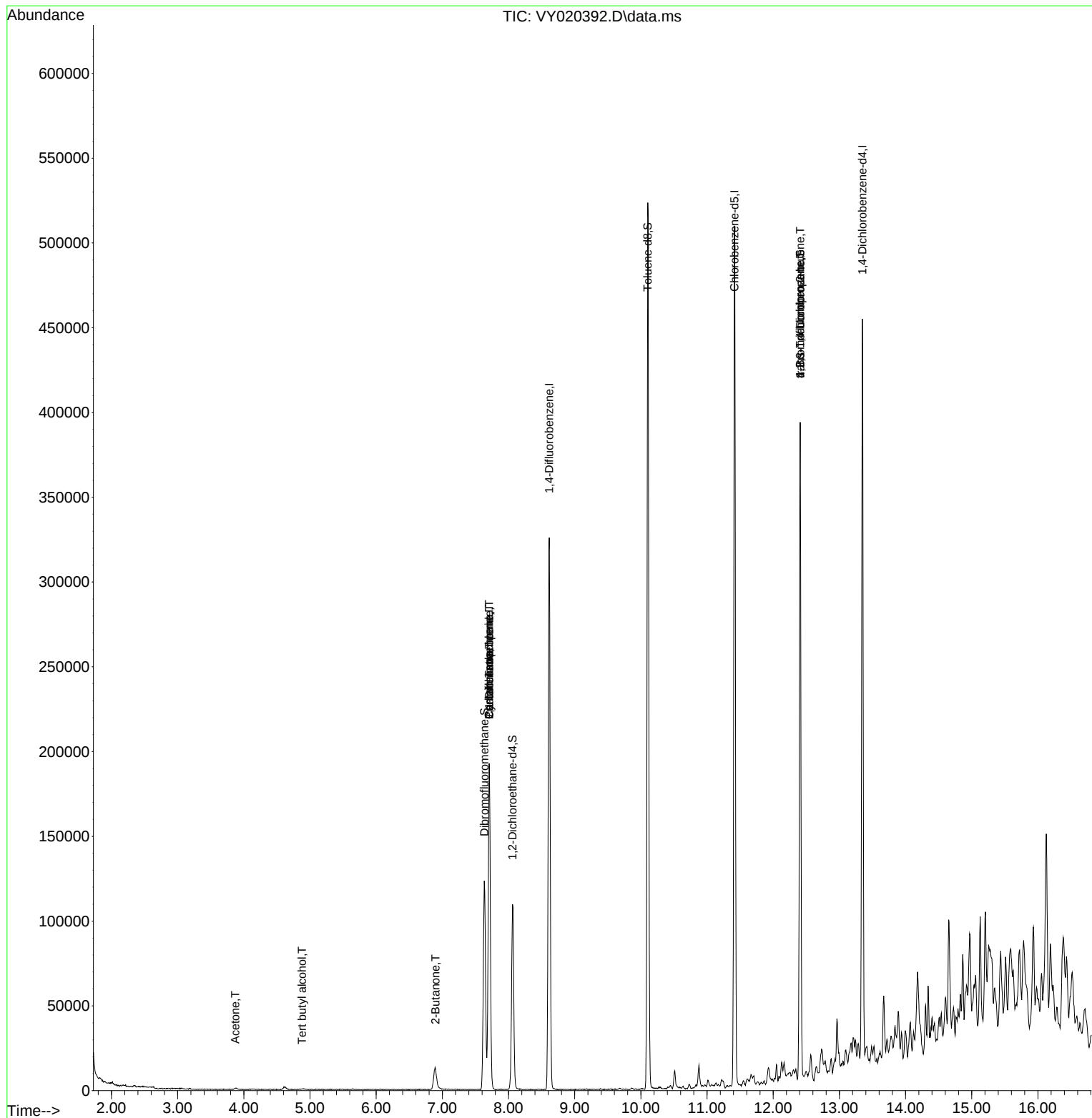
Target Compounds					Qvalue	
3) Chloromethane	2.074	50	49	Below Cal	#	41
11) Tert butyl alcohol	4.879	59	211	1.022	ug/l #	73
16) Acetone	3.873	43	1709	4.371	ug/l #	82
25) 2-Butanone	6.896	43	1005	1.997	ug/l #	50
31) Cyclohexane	7.707	56	3405	1.120	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	11762	4.481	ug/l #	52
38) Carbon Tetrachloride	7.707	117	15020	5.480	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	64011	62.520	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	64011	122.505	ug/l #	9

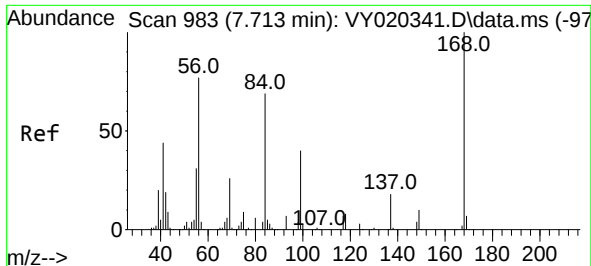
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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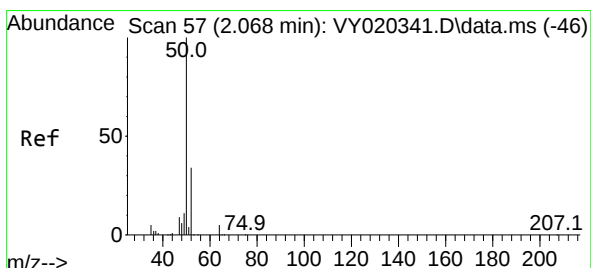
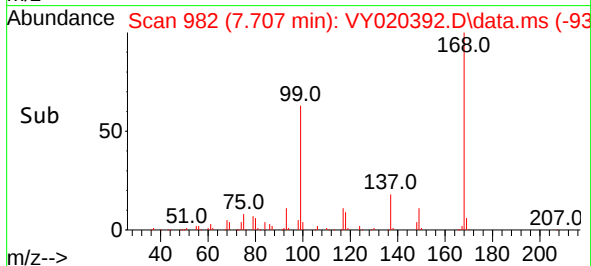
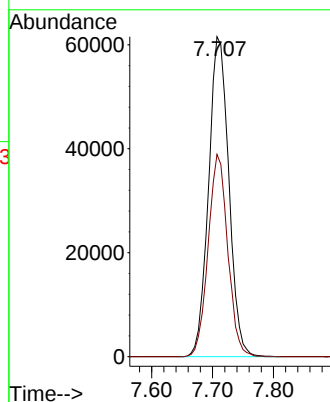
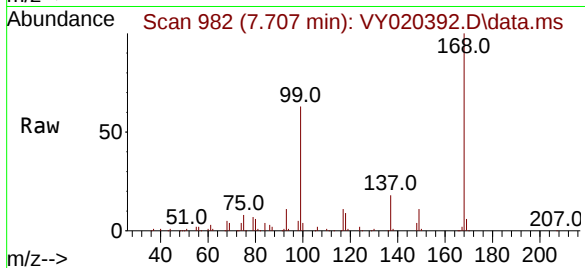




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

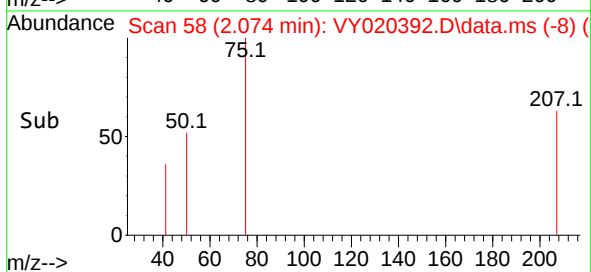
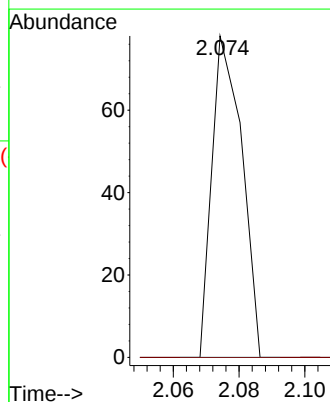
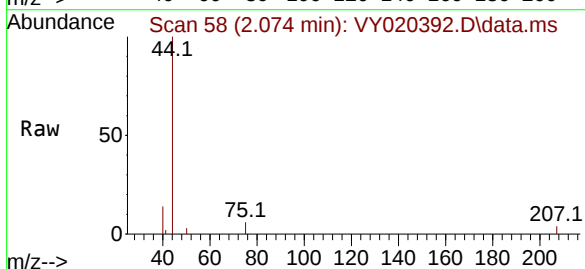
Instrument :
MSVOA_Y
ClientSampleId :

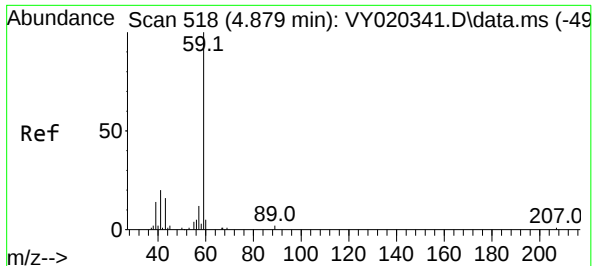
Tgt Ion:168 Resp: 141960
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

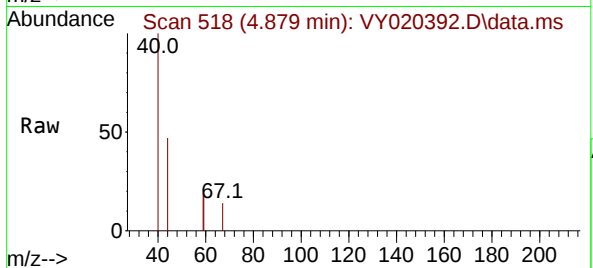
Tgt Ion: 50 Resp: 49
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



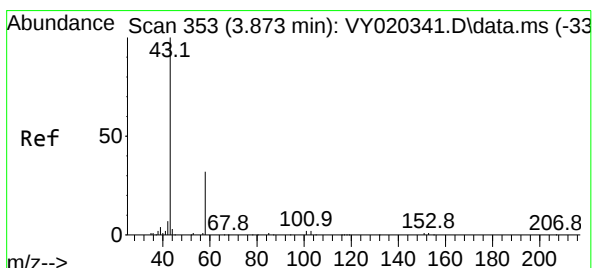
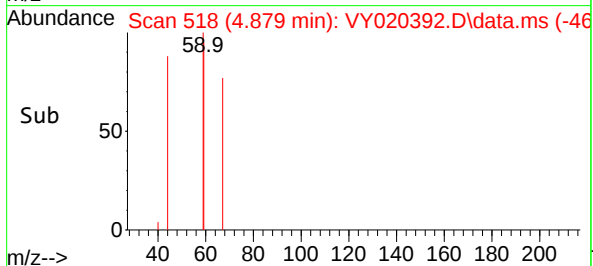
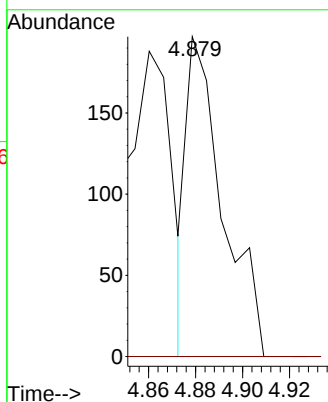


#11
Tert butyl alcohol
Concen: 1.022 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

Instrument :
MSVOA_Y
ClientSampleId :

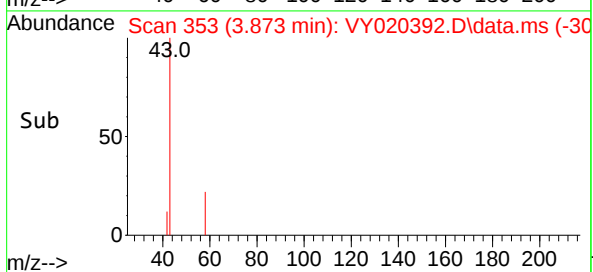
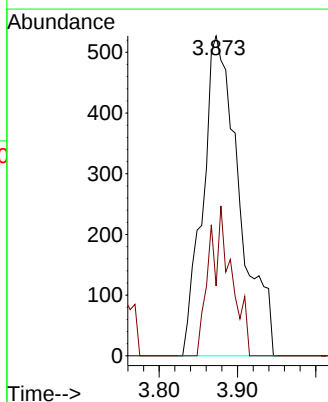
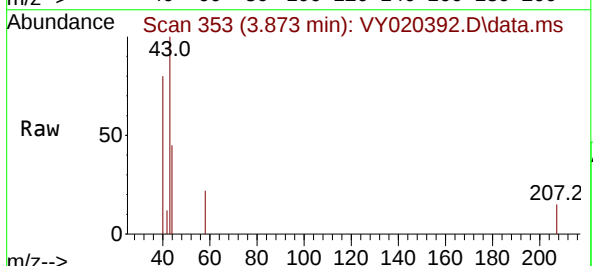


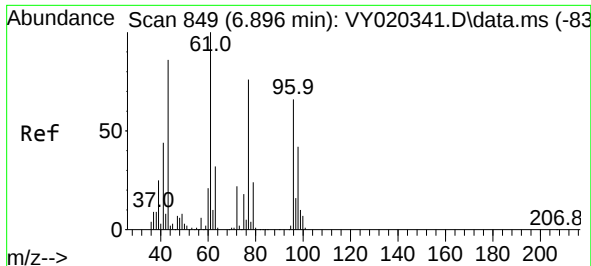
Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 4.371 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 21.8 25.7 38.5#

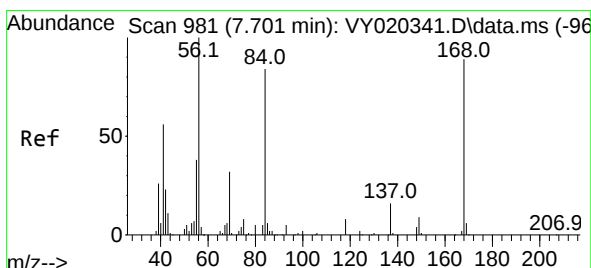
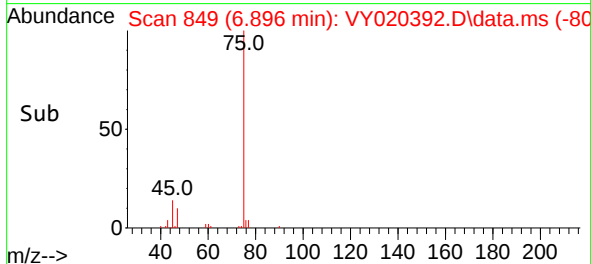
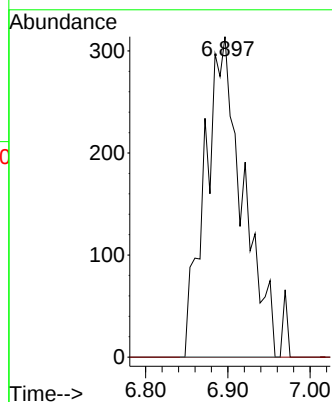
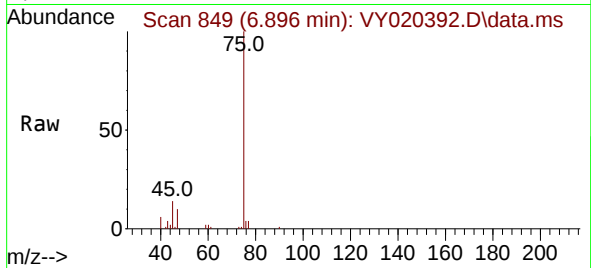




#25
2-Butanone
Concen: 1.997 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

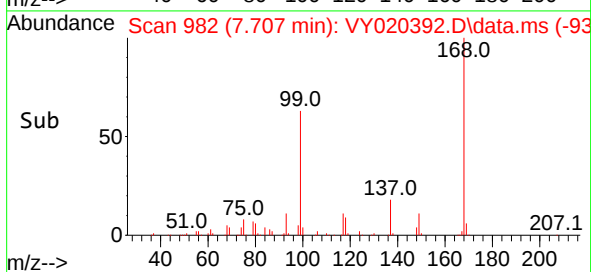
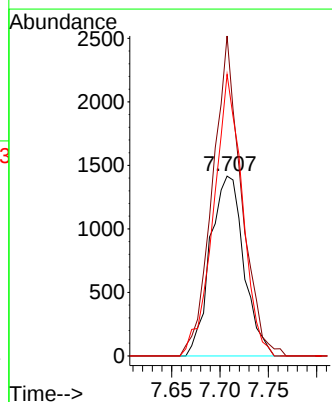
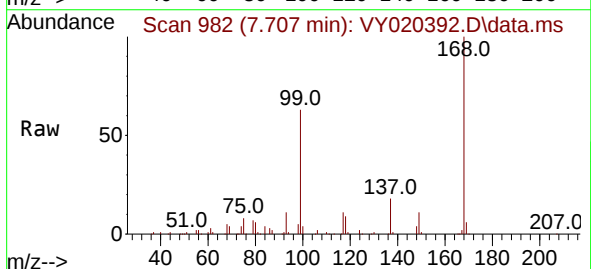
Instrument :
MSVOA_Y
ClientSampleId :

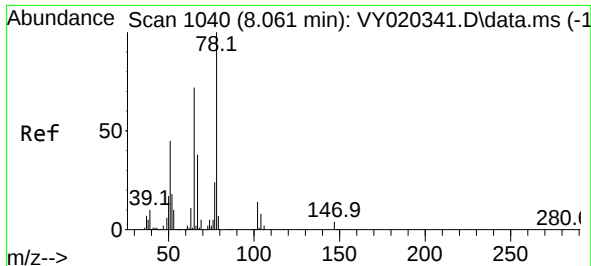
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

Tgt Ion: 56 Resp: 3405
Ion Ratio Lower Upper
56 100
69 177.9 25.3 37.9#
84 156.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.626 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

Instrument :

MSVOA_Y

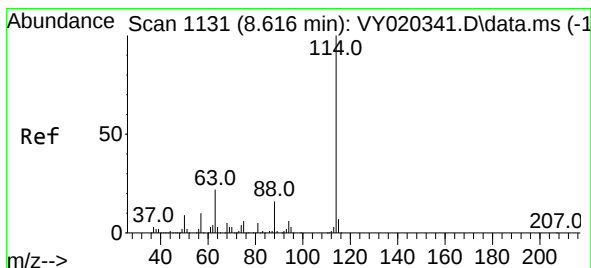
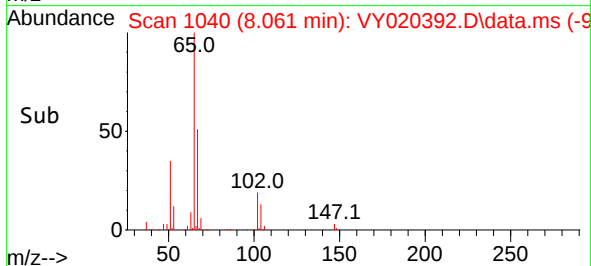
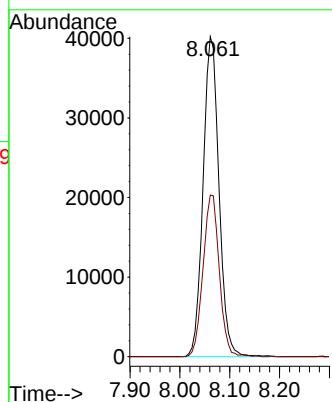
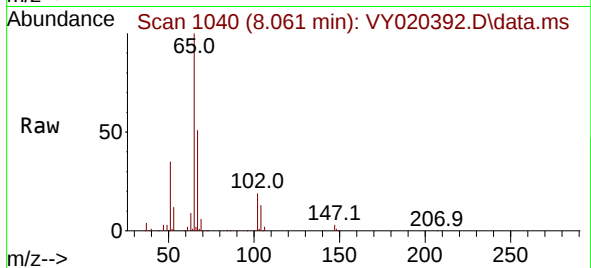
ClientSampleId :

Tgt Ion: 65 Resp: 89092

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

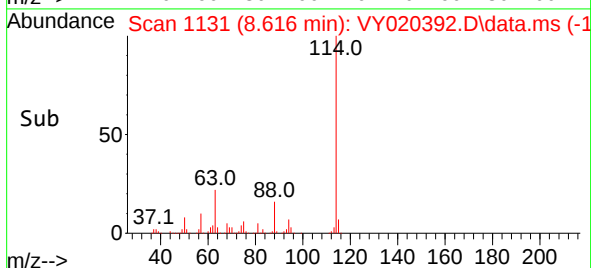
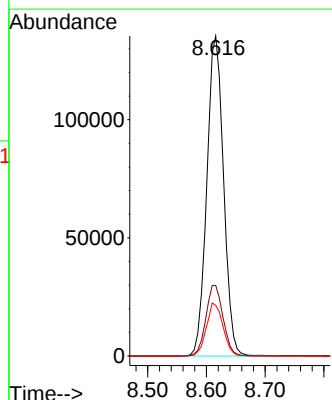
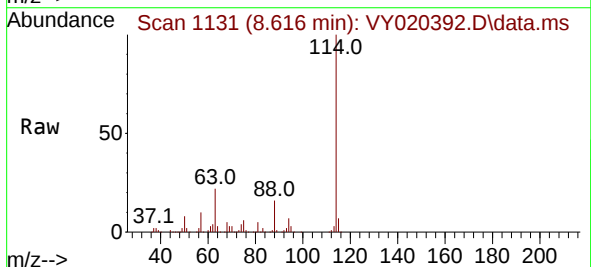
Tgt Ion: 114 Resp: 268019

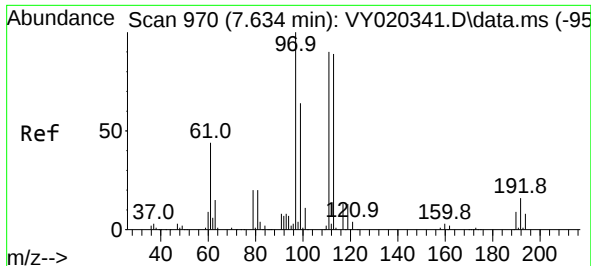
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.8

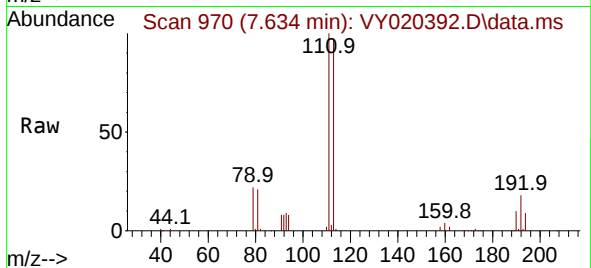
88 15.8 0.0 32.0



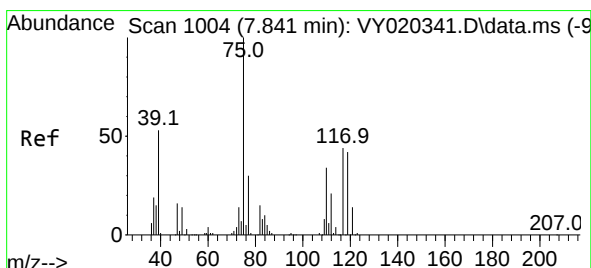
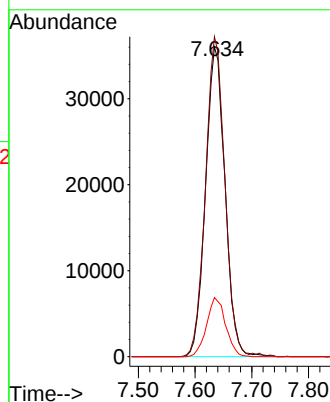
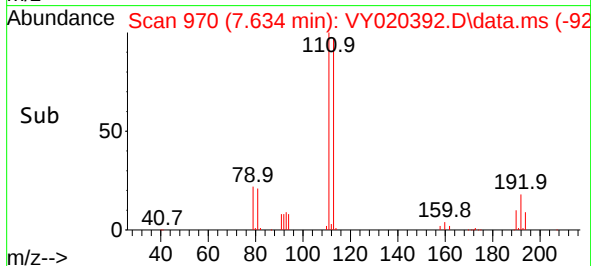


#35
Dibromofluoromethane
Concen: 50.017 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

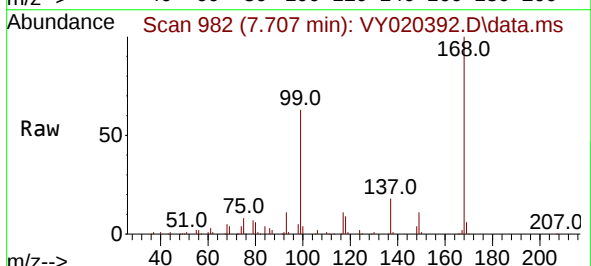
Instrument :
MSVOA_Y
ClientSampleId :



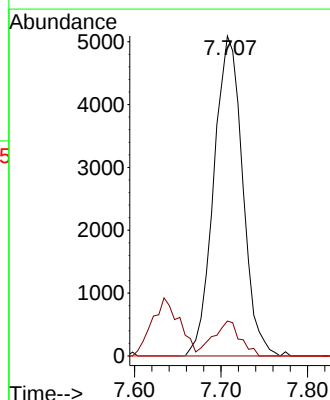
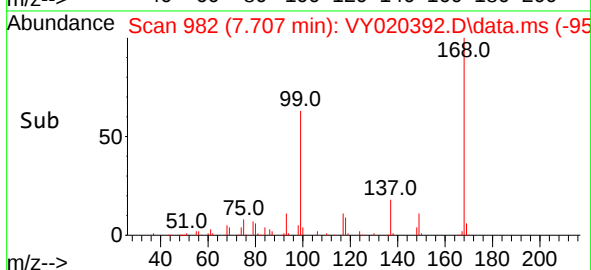
Tgt Ion:113 Resp: 85960
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.7 15.1 22.7

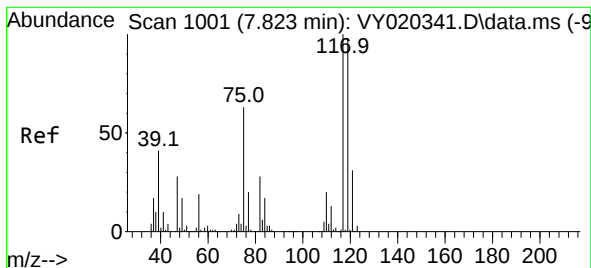


#36
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17



Tgt Ion: 75 Resp: 11762
Ion Ratio Lower Upper
75 100
110 10.2 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.480 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :

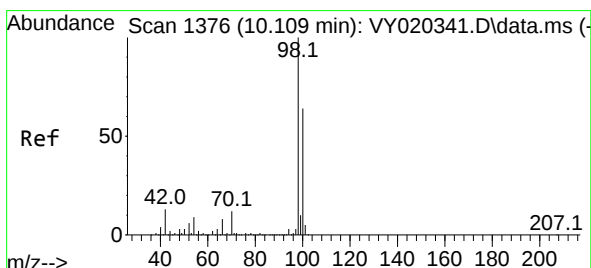
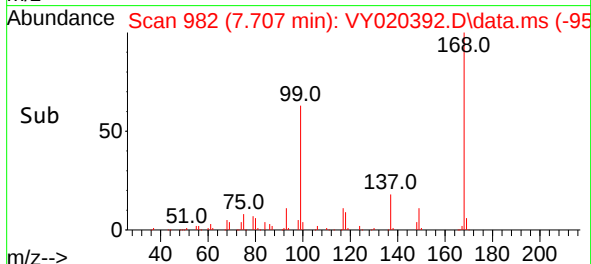
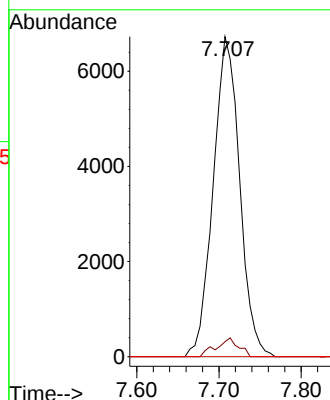
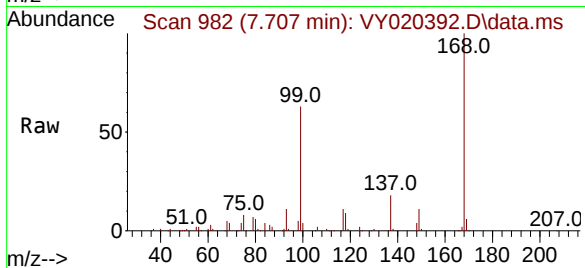
Tgt Ion:117 Resp: 15020

Ion Ratio Lower Upper

117 100

119 4.7 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 49.335 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020392.D

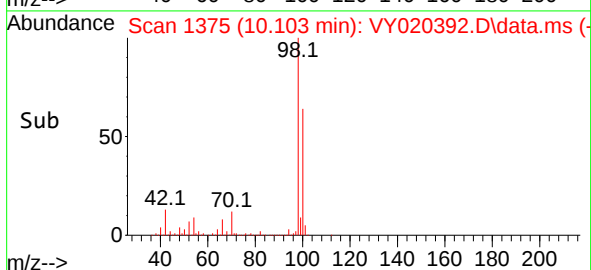
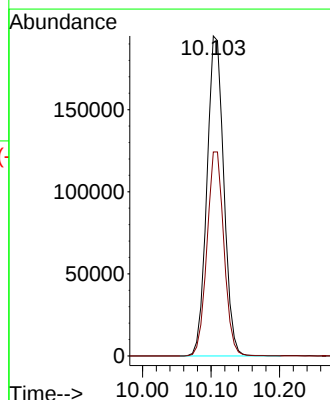
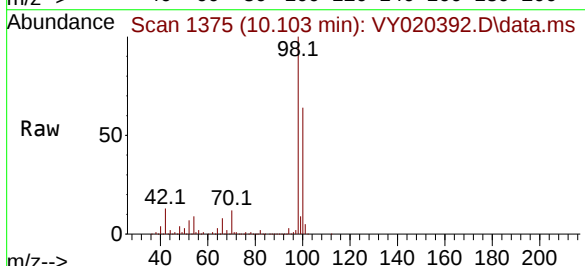
Acq: 21 Nov 2024 17:17

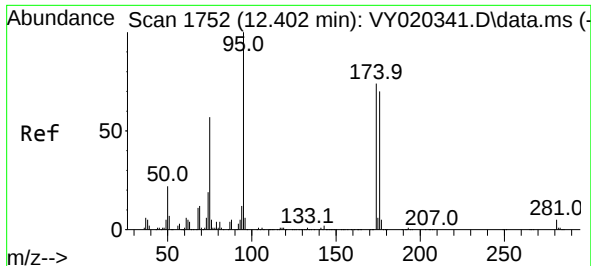
Tgt Ion: 98 Resp: 333999

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9

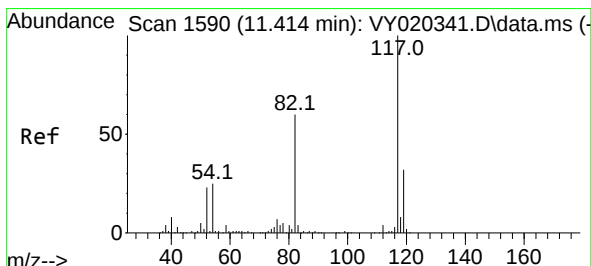
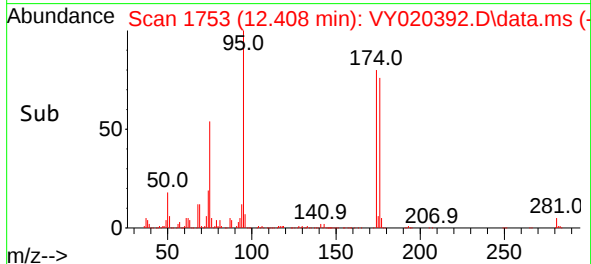
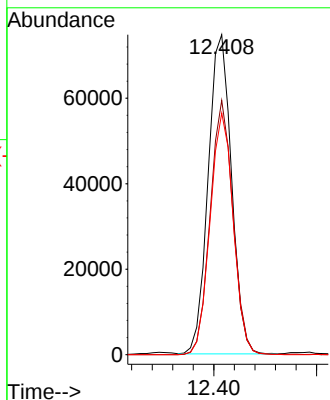
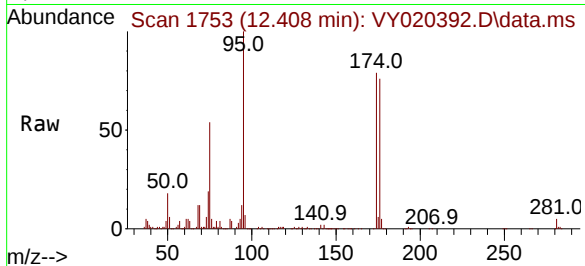




#62
4-Bromofluorobenzene
Concen: 53.957 ug/l
RT: 12.408 min Scan# 117428
Delta R.T. 0.006 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

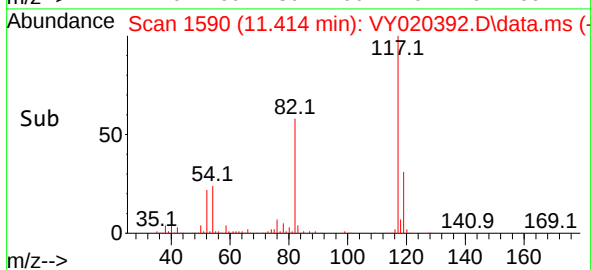
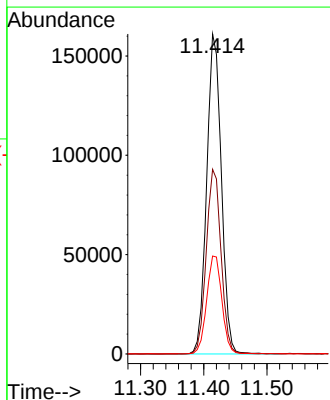
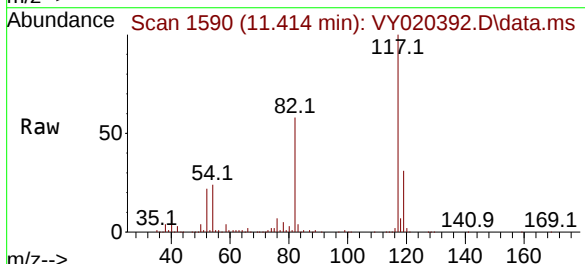
Instrument :
MSVOA_Y
ClientSampleId :

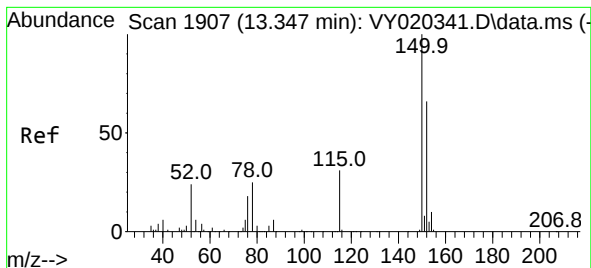
Tgt Ion: 95 Resp: 117428
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.8
176 75.2 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

Tgt Ion: 117 Resp: 259791
Ion Ratio Lower Upper
117 100
82 57.6 48.2 72.4
119 30.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

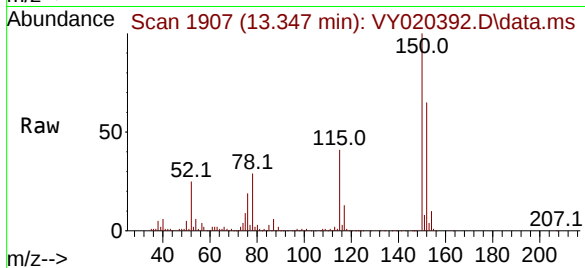
Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :



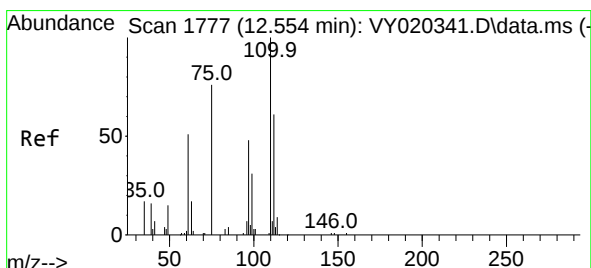
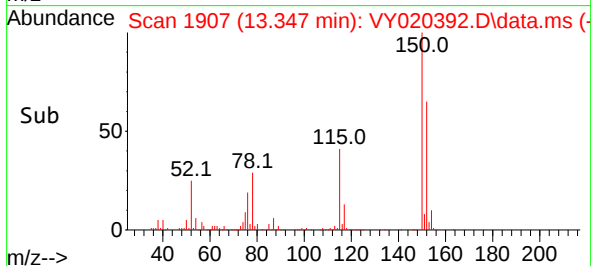
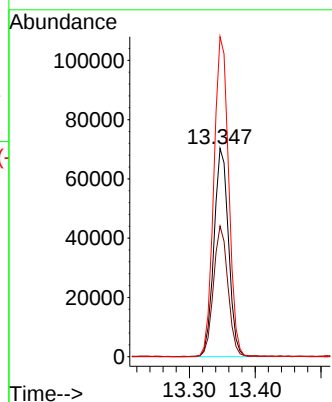
Tgt Ion:152 Resp: 108628

Ion Ratio Lower Upper

152 100

115 61.9 30.0 90.0

150 156.0 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 62.520 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020392.D

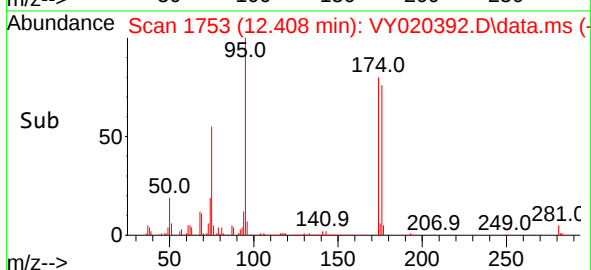
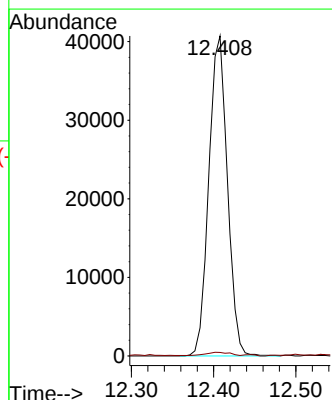
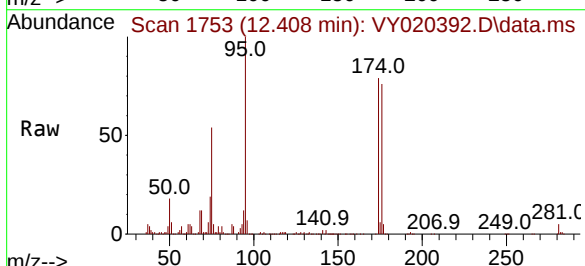
Acq: 21 Nov 2024 17:17

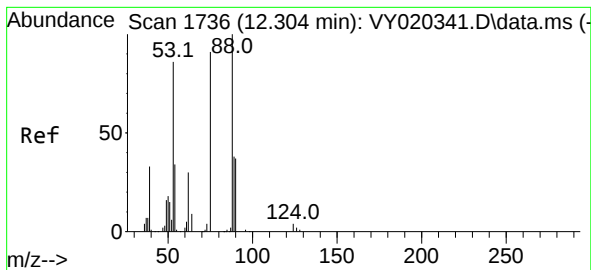
Tgt Ion: 75 Resp: 64011

Ion Ratio Lower Upper

75 100

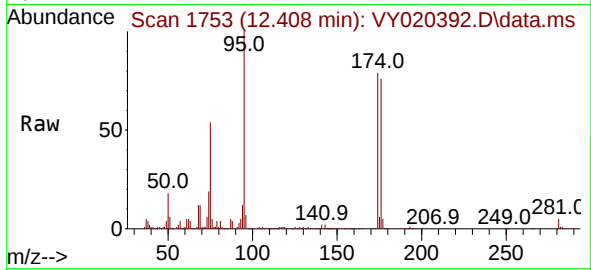
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.505 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020392.D
 Acq: 21 Nov 2024 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 64011
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.1 35.1 52.7#

