

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020731.D
 Acq On : 27 Dec 2024 11:24
 Operator : SY/MD
 Sample : VY1226SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 02:59:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	112620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	180909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	153112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	62475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	58576	63.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.000%
35) Dibromofluoromethane	7.646	113	56931	57.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.260%
50) Toluene-d8	10.115	98	211551	53.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.408	95	63919	48.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.540%

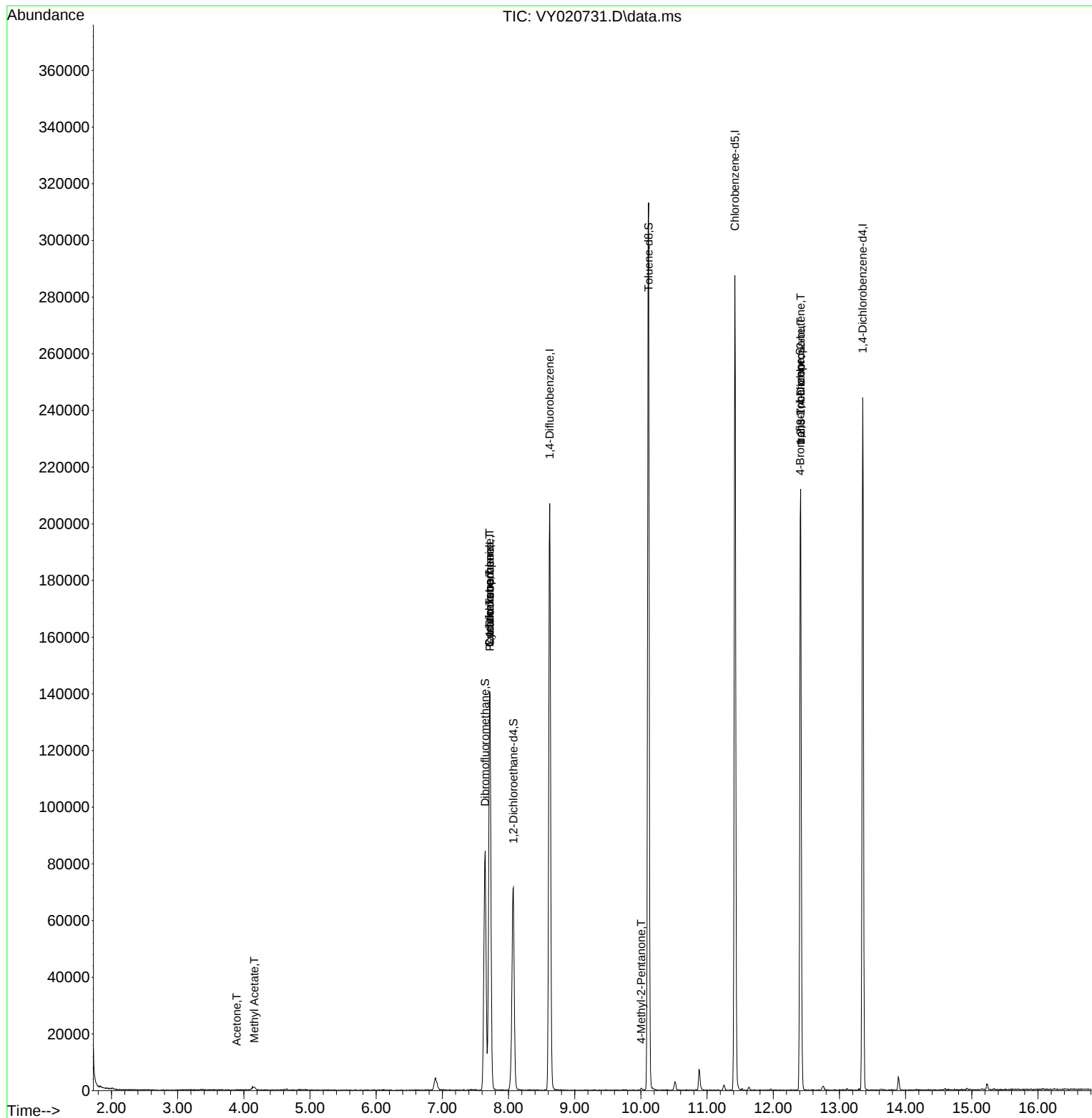
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.830	59	121	Below Cal	#	89
16) Acetone	3.891	43	360	3.076	ug/l #	43
18) Methyl Acetate	4.159	43	617	1.948	ug/l #	43
31) Cyclohexane	7.713	56	2069	1.746	ug/l #	38
36) 1,1-Dichloropropene	7.713	75	7886	5.991	ug/l #	50
38) Carbon Tetrachloride	7.713	117	11626	5.364	ug/l #	18
51) 4-Methyl-2-Pentanone	10.006	43	518	1.164	ug/l	97
76) 1,2,3-Trichloropropane	12.414	75	35393	89.073	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	35393	176.062	ug/l #	8

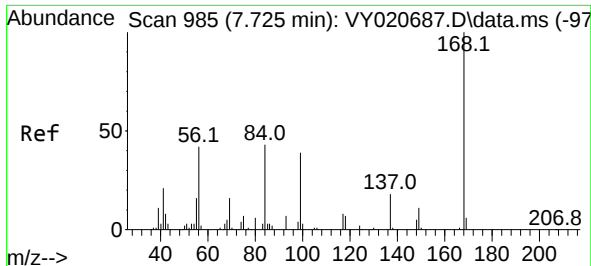
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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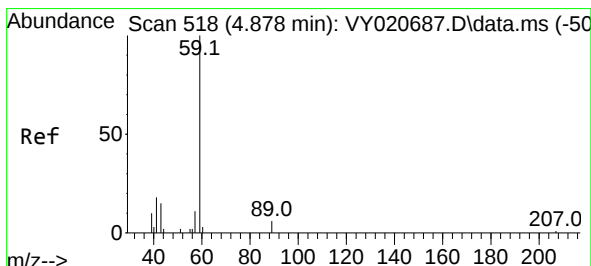
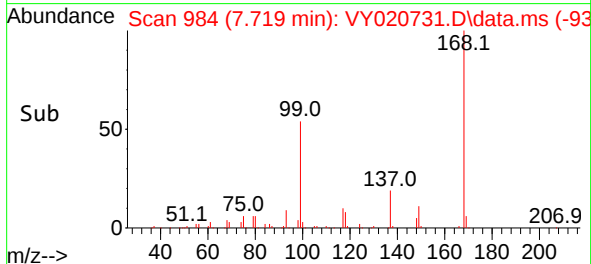
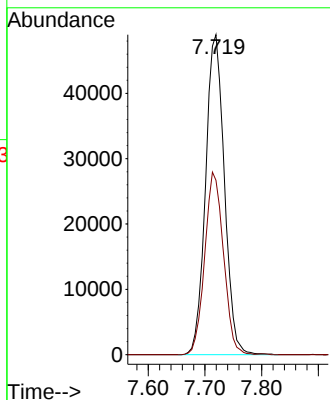
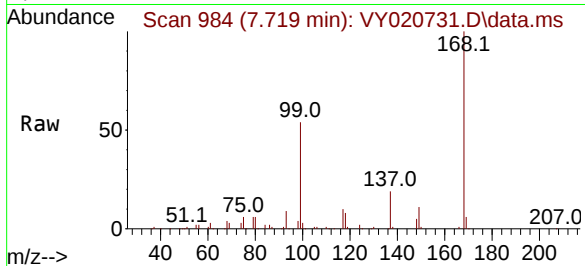




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

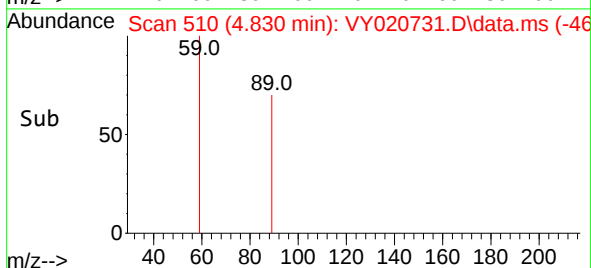
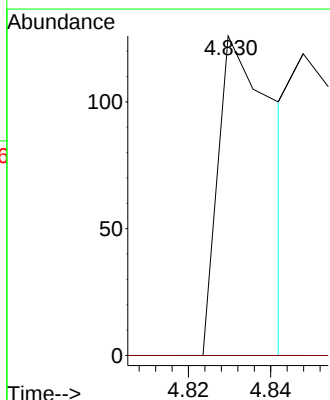
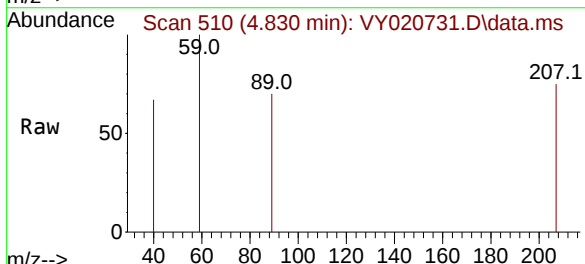
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MSVOA_Y
ClientSampleId :

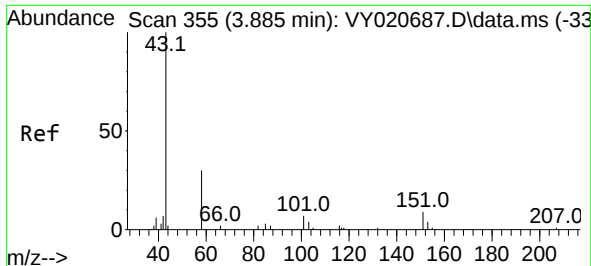
Tgt Ion:168 Resp: 112620
Ion Ratio Lower Upper
168 100
99 54.5 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.830 min Scan# 510
Delta R.T. -0.048 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

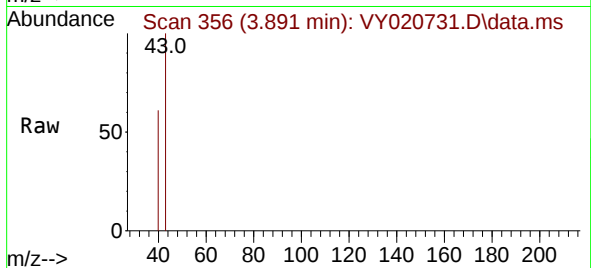
Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#



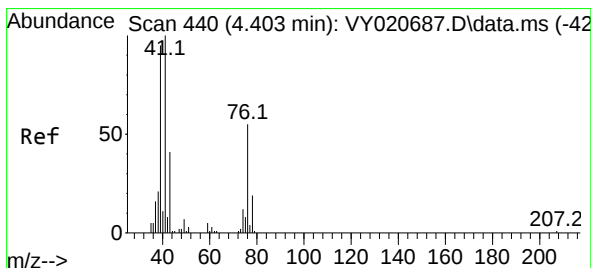
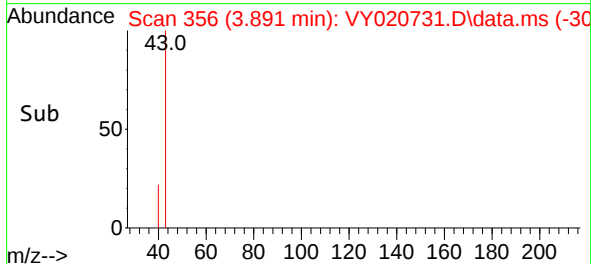
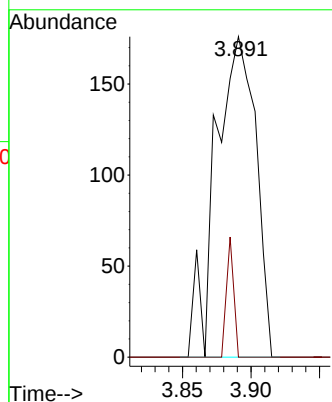


#16
Acetone
Concen: 3.076 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :

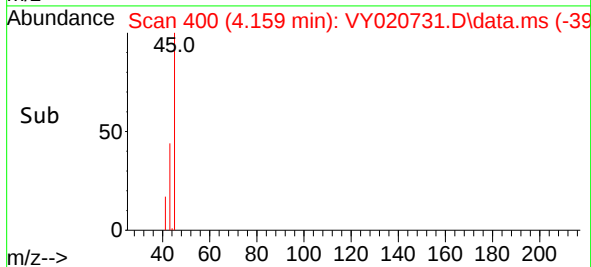
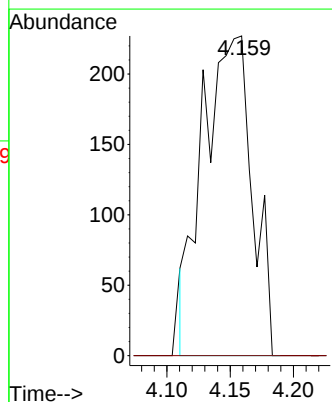
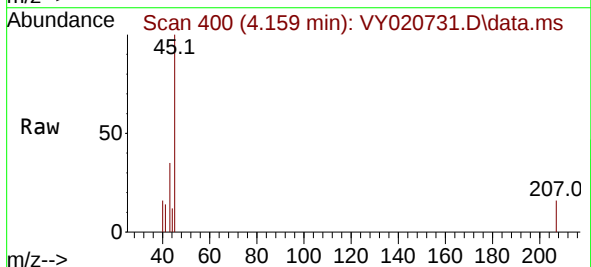


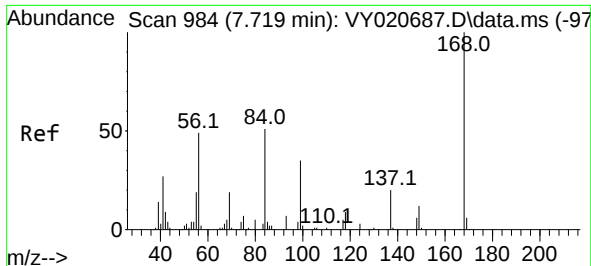
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



#18
Methyl Acetate
Concen: 1.948 ug/l
RT: 4.159 min Scan# 400
Delta R.T. -0.244 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

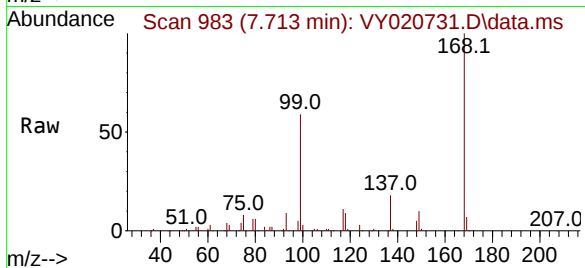
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
74 0.0 25.3 37.9#



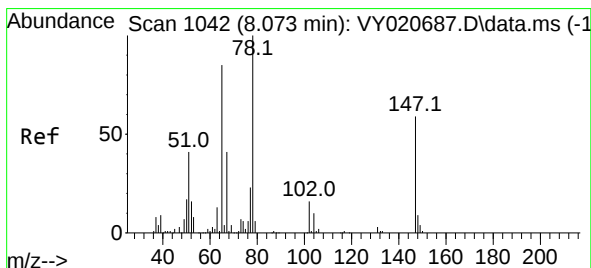
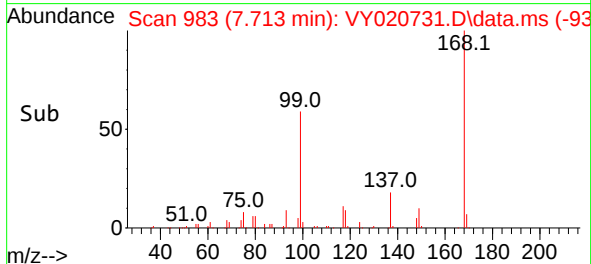
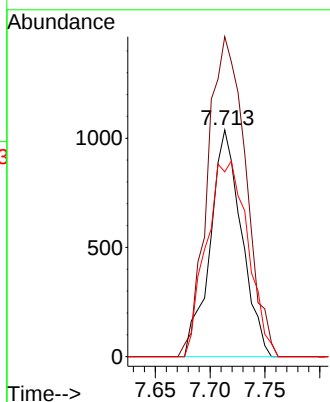


#31
Cyclohexane
Concen: 1.746 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :

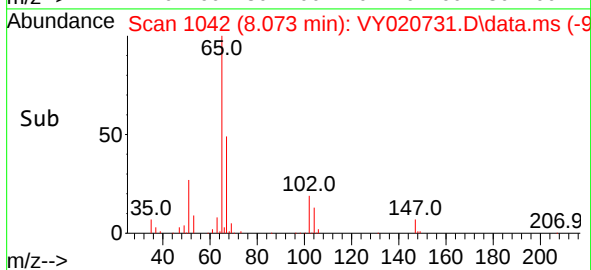
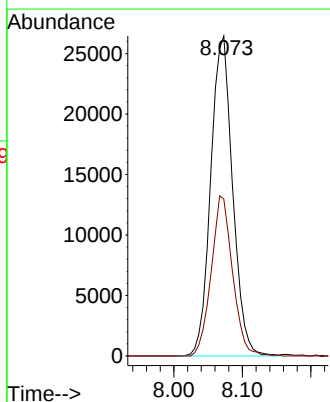
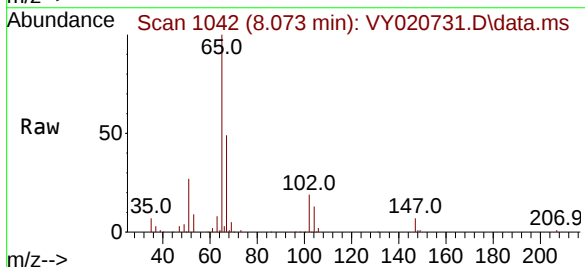


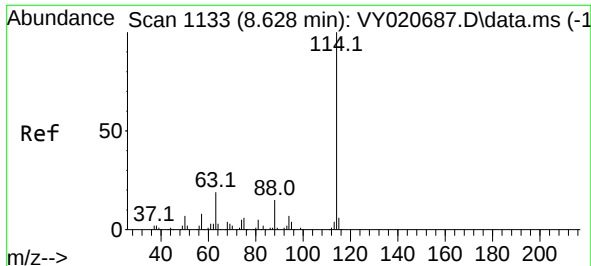
Tgt Ion: 56 Resp: 2069
Ion Ratio Lower Upper
56 100
69 141.1 31.3 46.9#
84 81.5 83.9 125.9#



#33
1,2-Dichloroethane-d4
Concen: 63.500 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

Tgt Ion: 65 Resp: 58576
Ion Ratio Lower Upper
65 100
67 48.8 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VY020731.D

Acq: 27 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

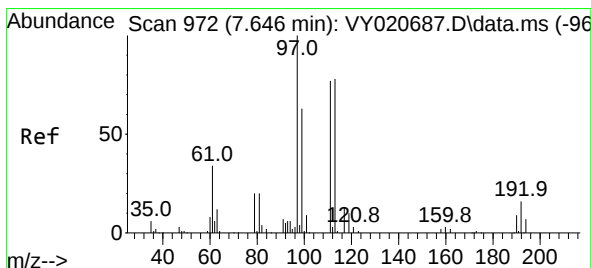
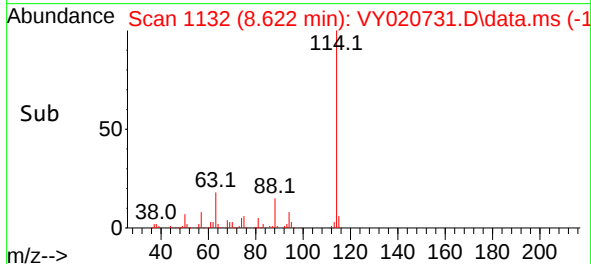
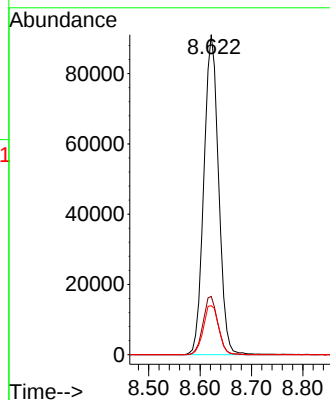
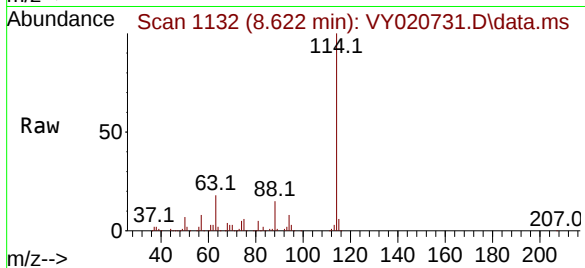
Tgt Ion:114 Resp: 180909

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.3 0.0 30.4



#35

Dibromofluoromethane

Concen: 57.133 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY020731.D

Acq: 27 Dec 2024 11:24

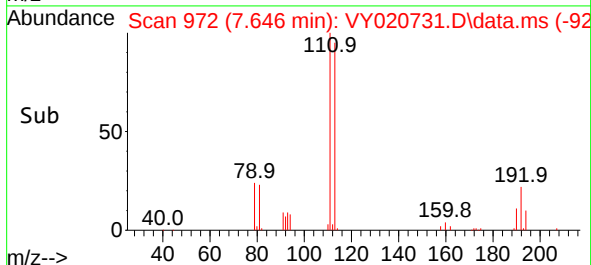
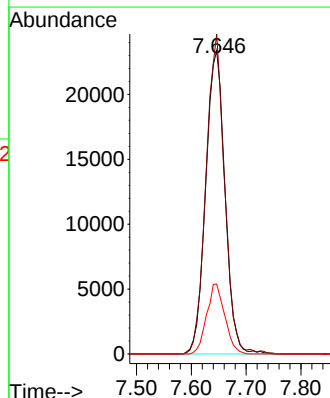
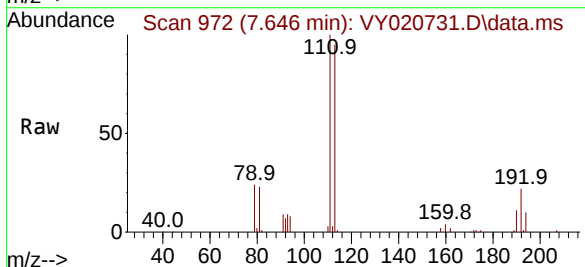
Tgt Ion:113 Resp: 56931

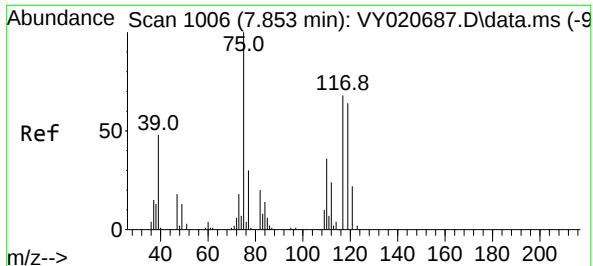
Ion Ratio Lower Upper

113 100

111 101.7 79.8 119.8

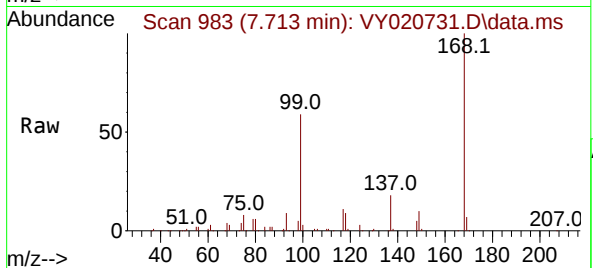
192 21.7 17.0 25.6



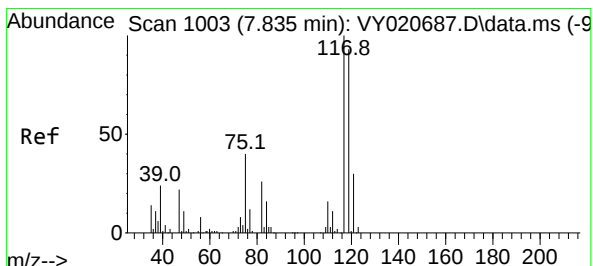
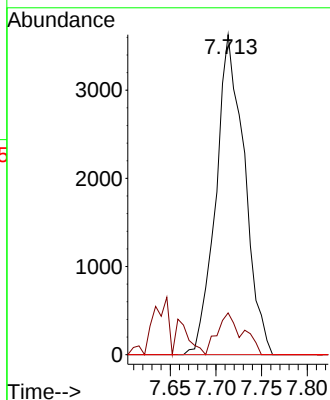
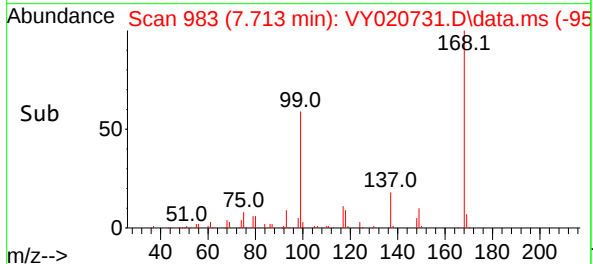


#36
1,1-Dichloropropene
Concen: 5.991 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.140 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

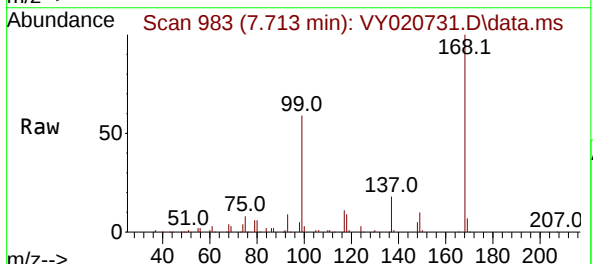
Instrument :
MSVOA_Y
ClientSampleId :



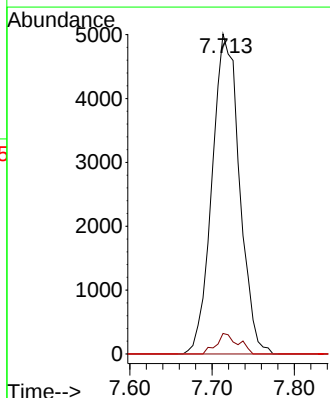
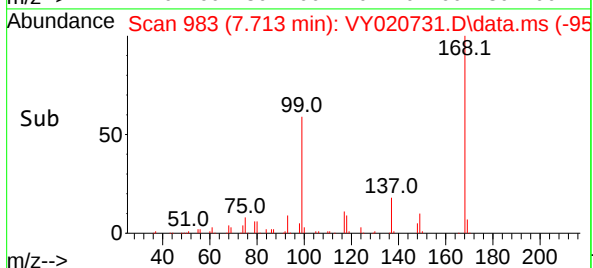
Tgt Ion: 75 Resp: 7886
Ion Ratio Lower Upper
75 100
110 11.6 19.6 58.7#
77 0.0 25.1 37.7#

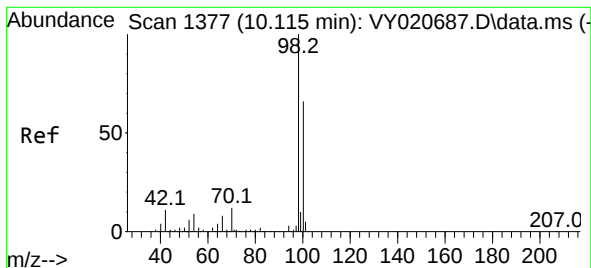


#38
Carbon Tetrachloride
Concen: 5.364 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24



Tgt Ion: 117 Resp: 11626
Ion Ratio Lower Upper
117 100
119 6.4 74.4 111.6#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 53.270 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020731.D

Acq: 27 Dec 2024 11:24

Instrument :

MSVOA_Y

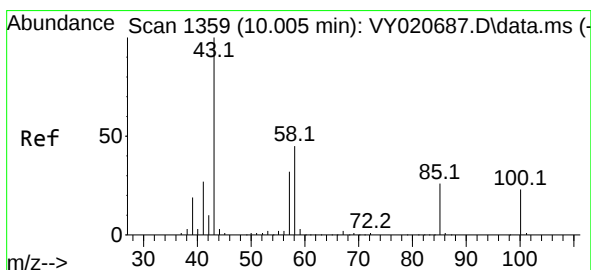
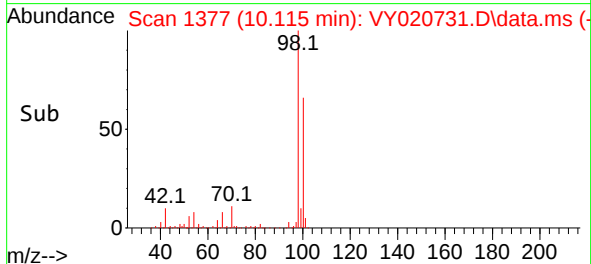
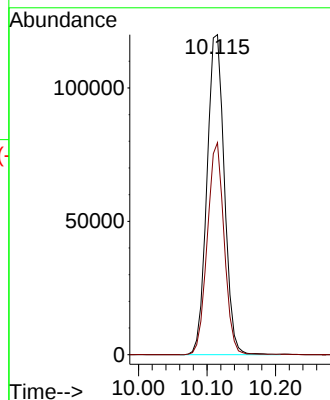
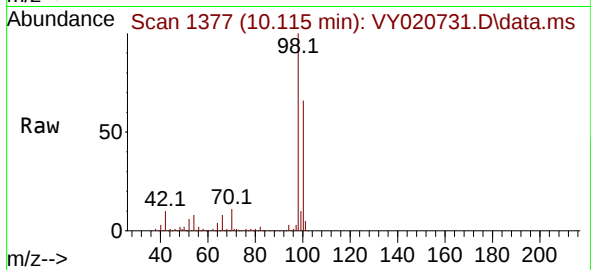
ClientSampleId :

Tgt Ion: 98 Resp: 211551

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 1.164 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.001 min

Lab File: VY020731.D

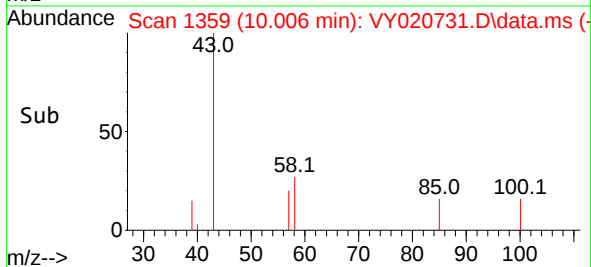
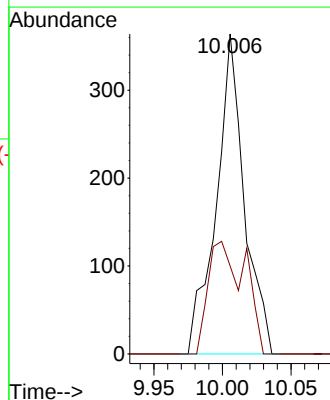
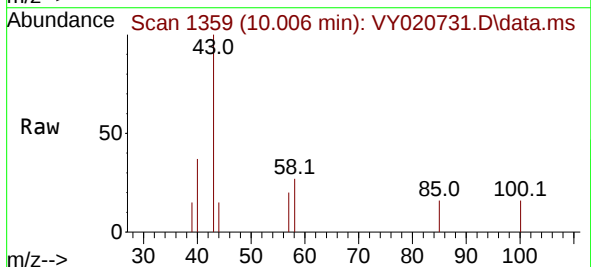
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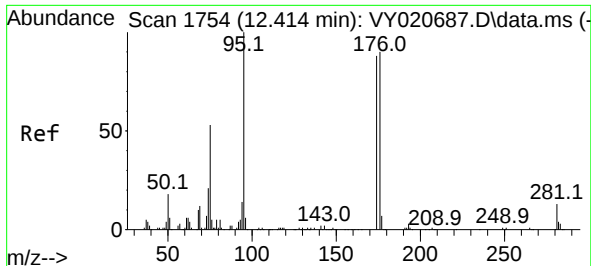
Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

58 46.1 35.1 52.7

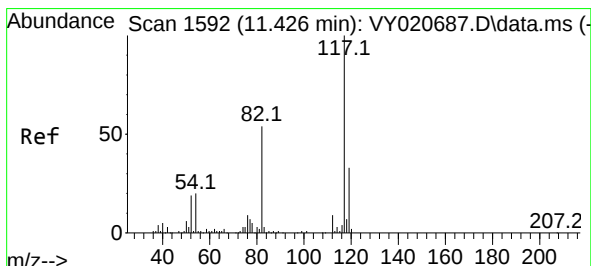
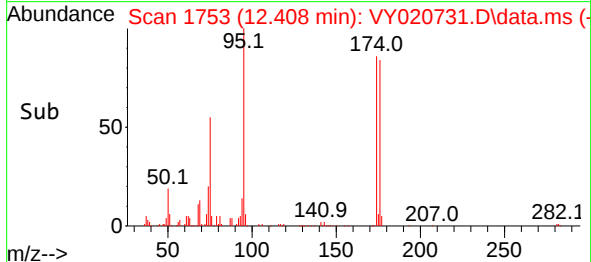
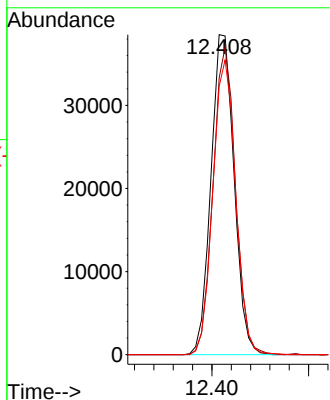
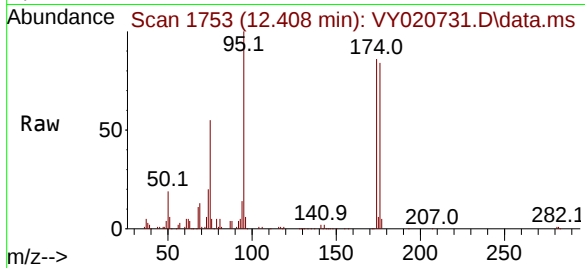




#62
4-Bromofluorobenzene
Concen: 48.267 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

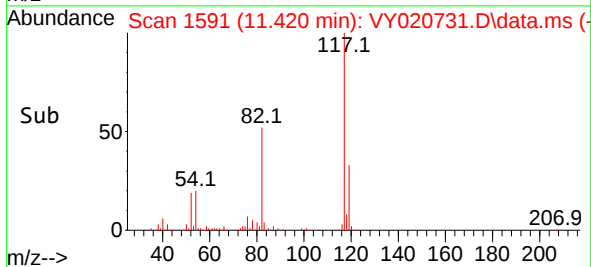
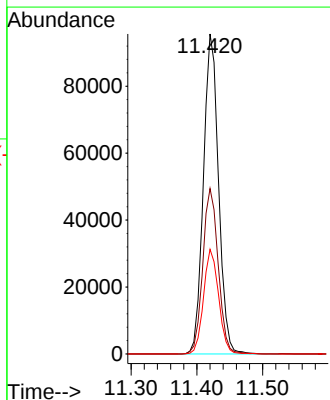
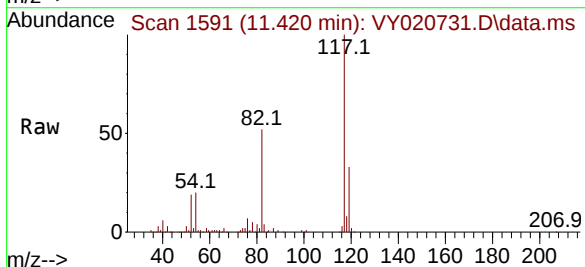
Instrument :
MSVOA_Y
ClientSampleId :

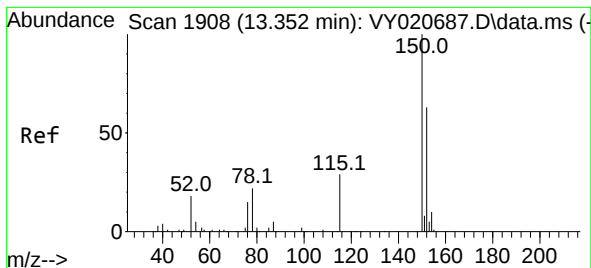
Tgt Ion: 95 Resp: 63919
Ion Ratio Lower Upper
95 100
174 93.1 0.0 179.2
176 90.8 0.0 179.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

Tgt Ion: 117 Resp: 153112
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.2
119 32.7 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020731.D

Acq: 27 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

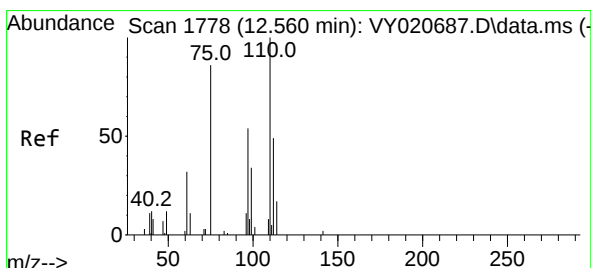
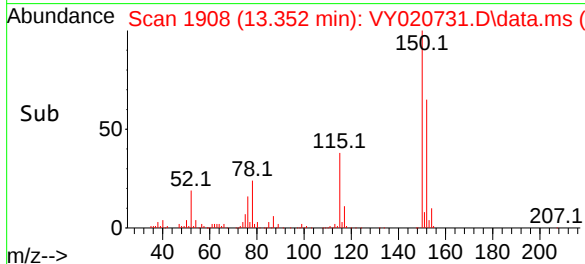
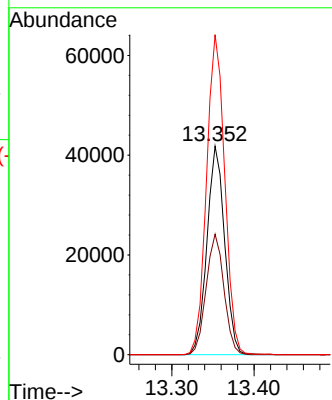
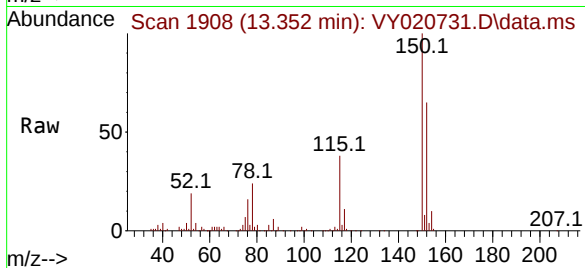
Tgt Ion:152 Resp: 62475

Ion Ratio Lower Upper

152 100

115 58.2 30.3 90.9

150 157.9 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 89.073 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY020731.D

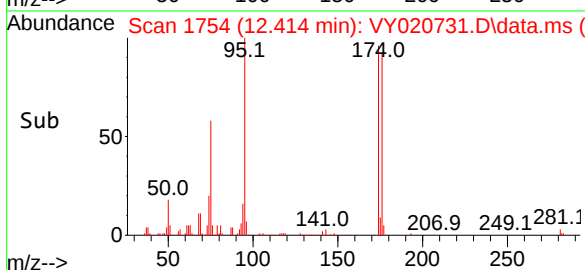
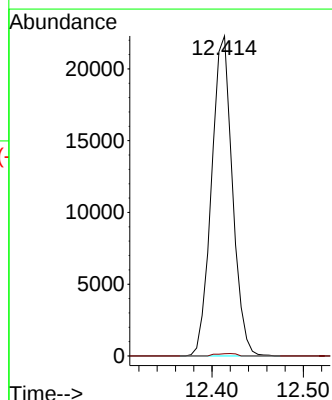
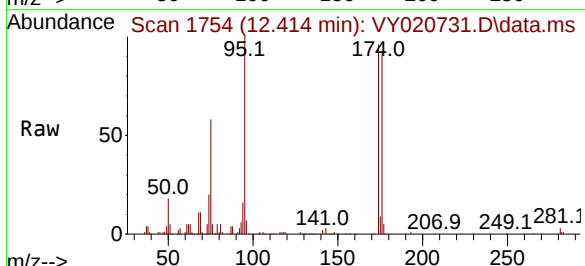
Acq: 27 Dec 2024 11:24

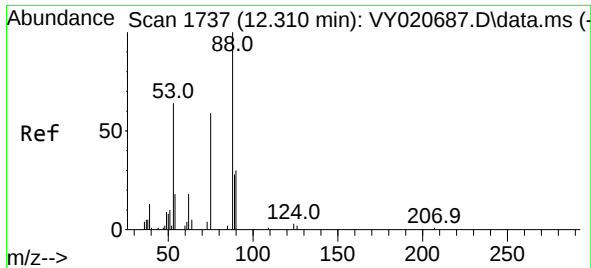
Tgt Ion: 75 Resp: 35393

Ion Ratio Lower Upper

75 100

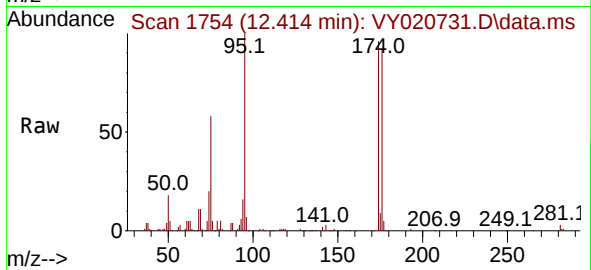
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 176.062 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020731.D
 Acq: 27 Dec 2024 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.1	124.7#
89	0.0	40.6	61.0#

