

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020744.D
 Acq On : 27 Dec 2024 17:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:05:30 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	7.713	168	117560	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	194142	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	169786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	70664	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	61754	64.132	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.260%
35) Dibromofluoromethane	7.640	113	59900	56.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.020%
50) Toluene-d8	10.109	98	224164	52.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.240%
62) 4-Bromofluorobenzene	12.408	95	71974	50.645	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.300%

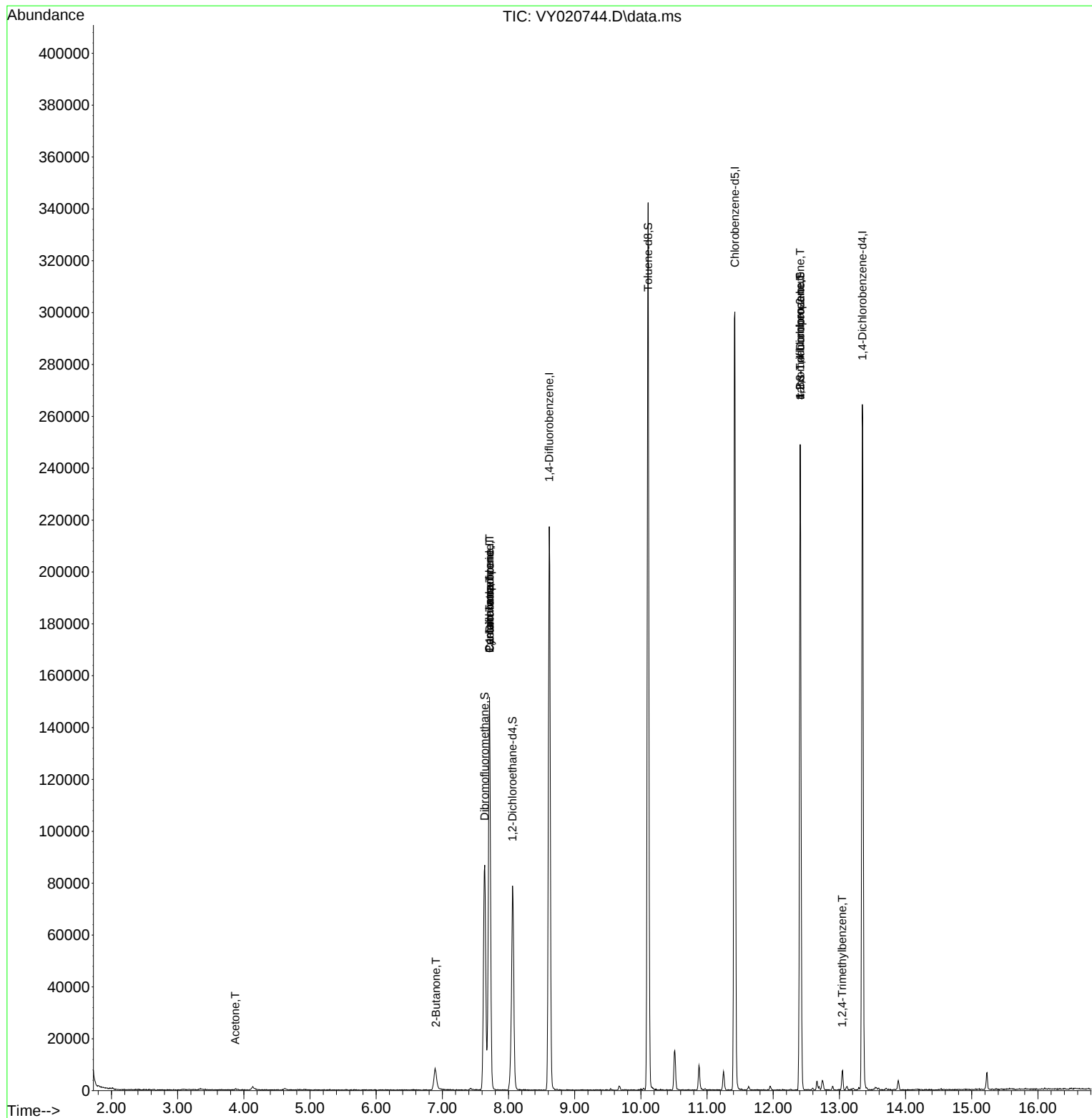
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.860	59	46	Below Cal	#	89
16) Acetone	3.873	43	649	5.313	ug/l #	43
25) 2-Butanone	6.902	43	356	2.157	ug/l #	38
31) Cyclohexane	7.713	56	2154	1.741	ug/l #	39
36) 1,1-Dichloropropene	7.713	75	7970	5.642	ug/l #	50
38) Carbon Tetrachloride	7.713	117	12166	5.230	ug/l #	19
76) 1,2,3-Trichloropropane	12.408	75	38404	85.450	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	38404	168.901	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.042	105	4397	1.108	ug/l	97

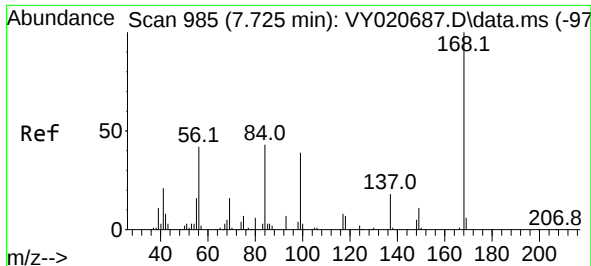
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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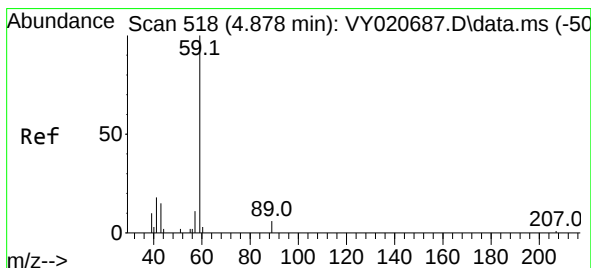
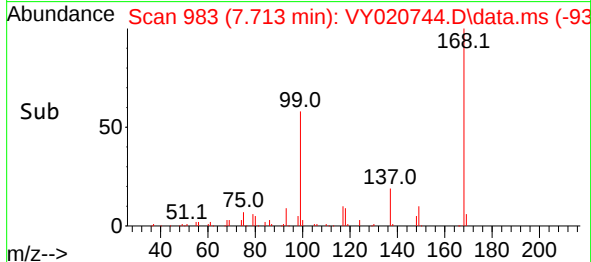
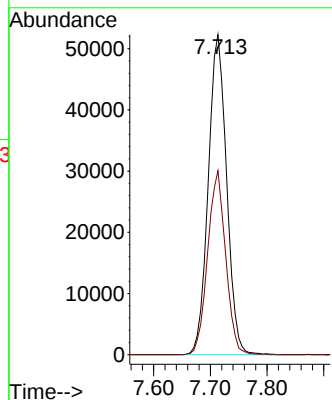
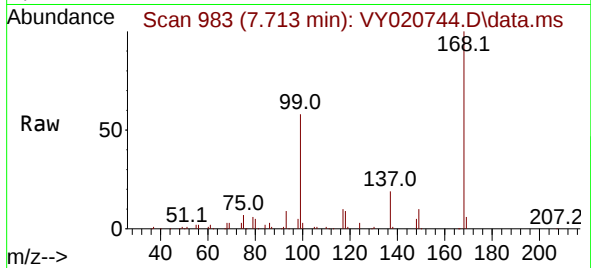




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

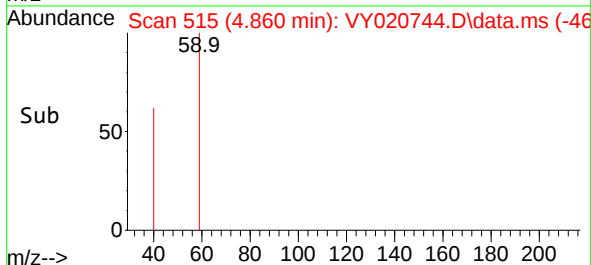
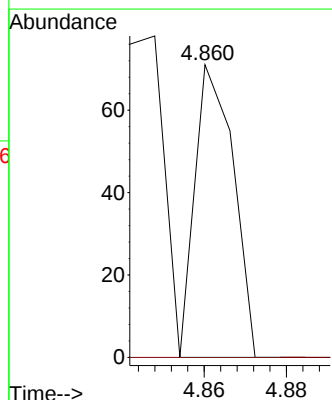
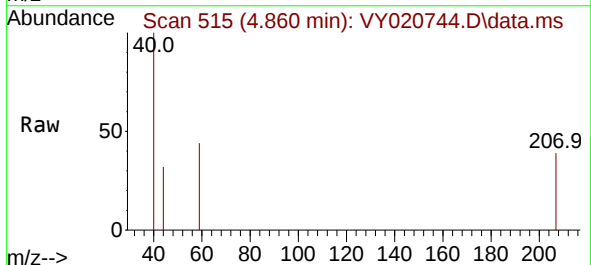
Instrument :
MSVOA_Y
ClientSampleId :

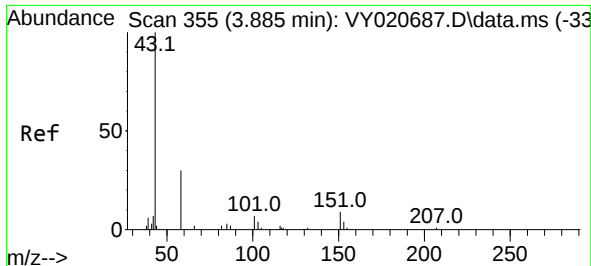
Tgt Ion:168 Resp: 117560
Ion Ratio Lower Upper
168 100
99 57.5 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#

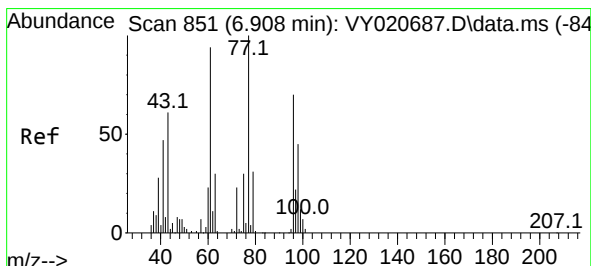
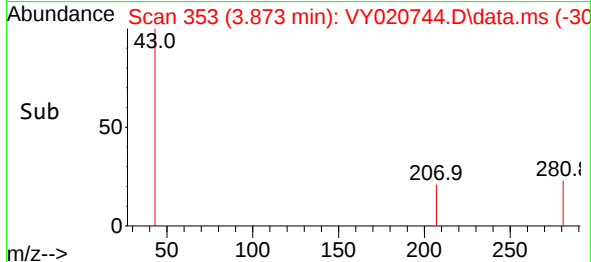
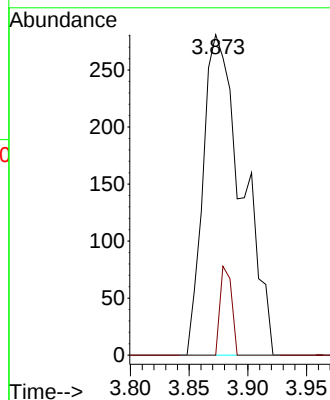
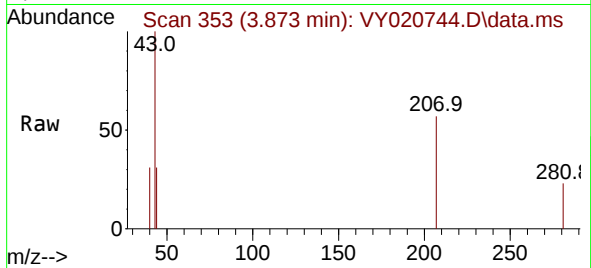




#16
Acetone
Concen: 5.313 ug/l
RT: 3.873 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

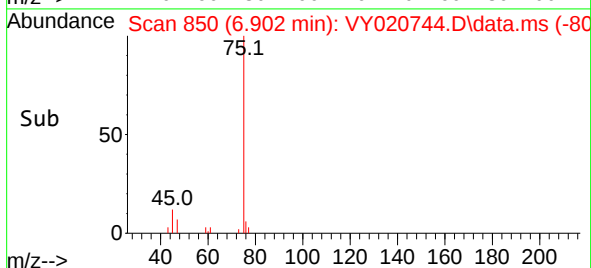
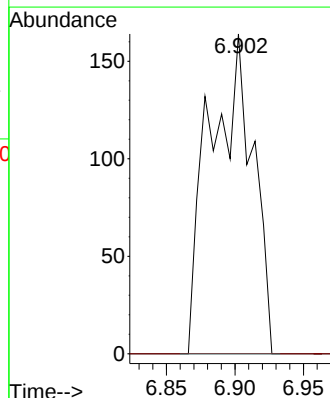
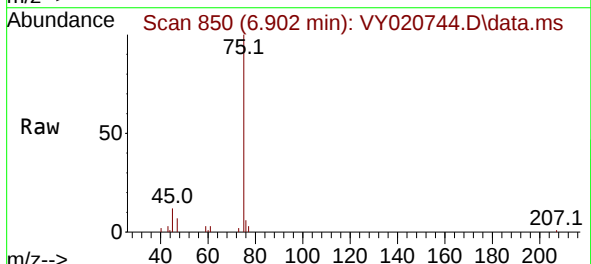
Instrument :
MSVOA_Y
ClientSampleId :

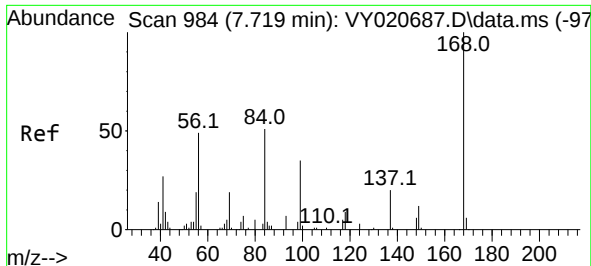
Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



#25
2-Butanone
Concen: 2.157 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.006 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

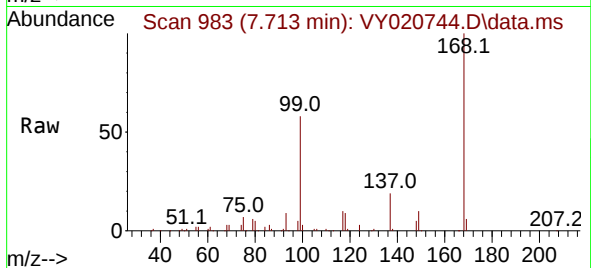
Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
72 0.0 29.5 44.3#



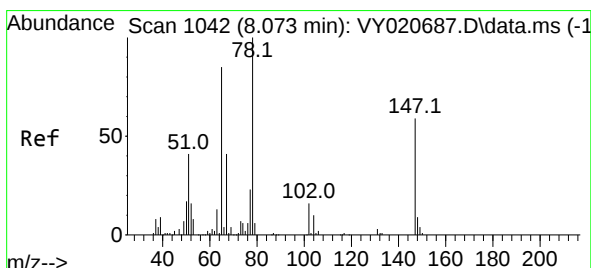
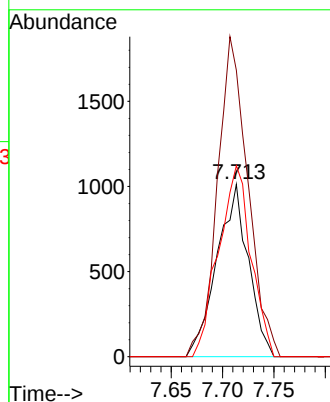
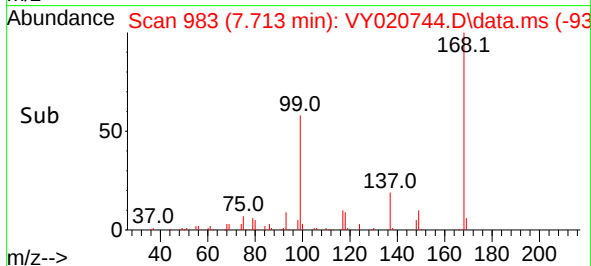


#31
Cyclohexane
Concen: 1.741 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

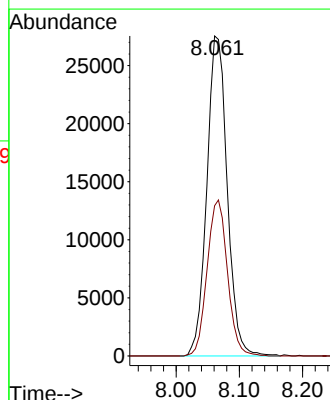
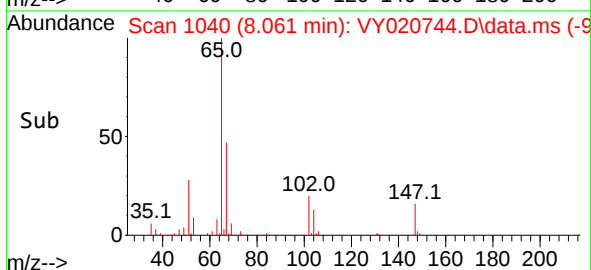
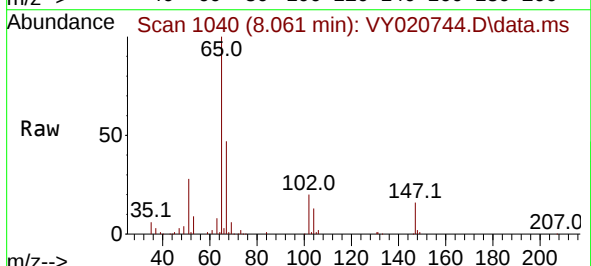


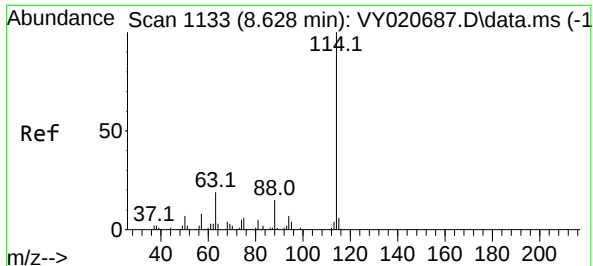
Tgt Ion: 56 Resp: 2154
Ion Ratio Lower Upper
56 100
69 166.1 31.3 46.9#
84 110.9 83.9 125.9



#33
1,2-Dichloroethane-d4
Concen: 64.132 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

Tgt Ion: 65 Resp: 61754
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

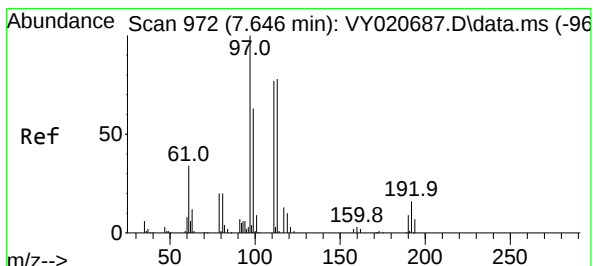
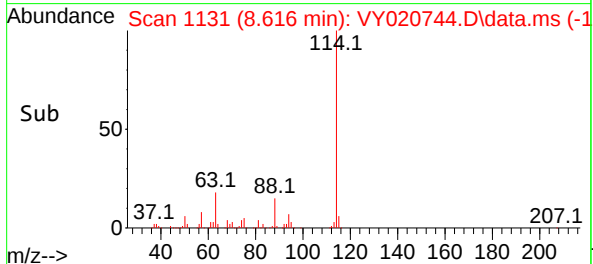
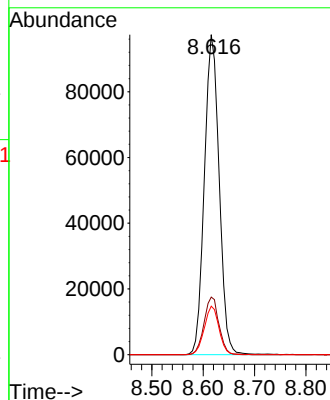
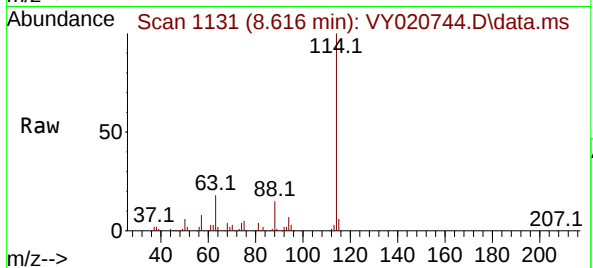
Tgt Ion:114 Resp: 194142

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 15.2 0.0 30.4



#35

Dibromofluoromethane

Concen: 56.015 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

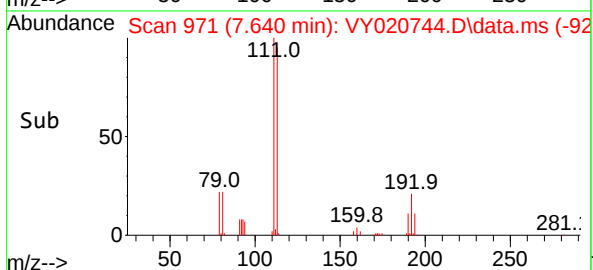
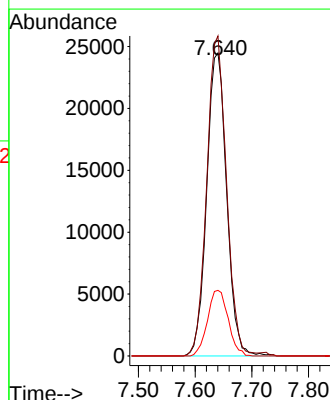
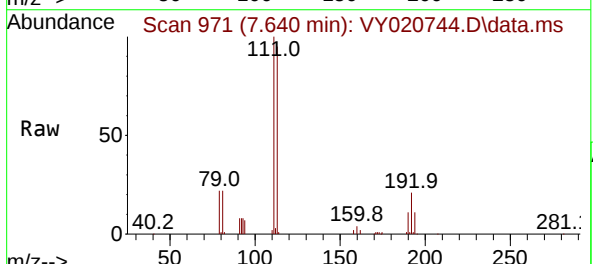
Tgt Ion:113 Resp: 59900

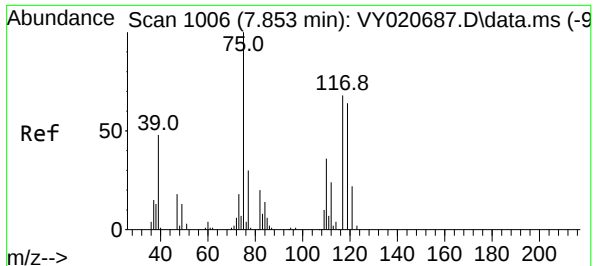
Ion Ratio Lower Upper

113 100

111 104.4 79.8 119.8

192 22.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.642 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.140 min

Lab File: VY020744.D

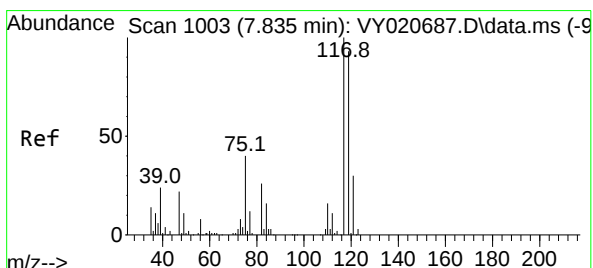
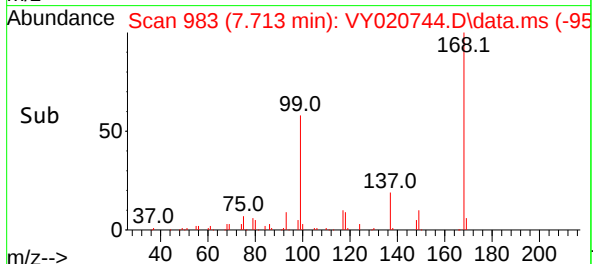
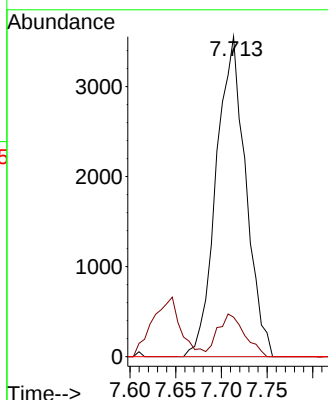
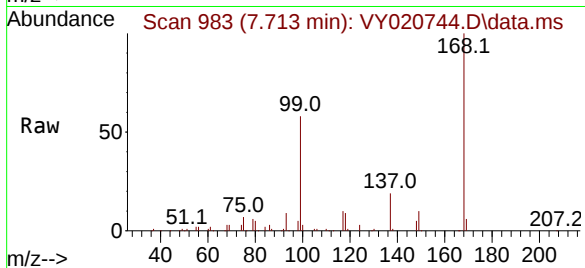
Acq: 27 Dec 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	7970
Ion	Ratio	Lower	Upper
75	100		
110	12.1	19.6	58.7#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.230 ug/l

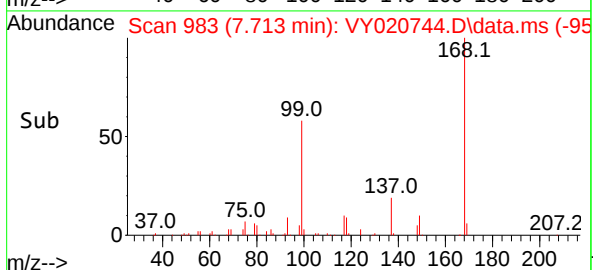
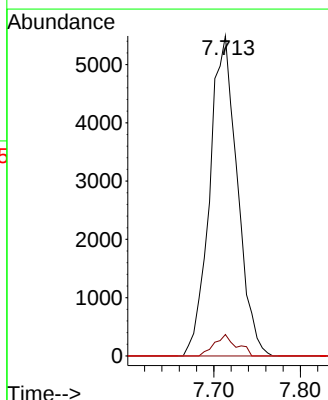
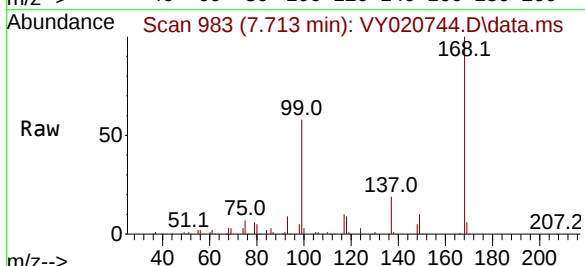
RT: 7.713 min Scan# 983

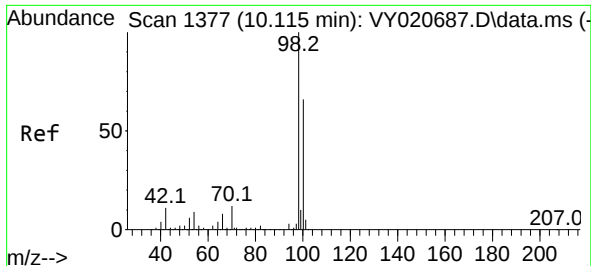
Delta R.T. -0.122 min

Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

Tgt Ion:	117	Resp:	12166
Ion	Ratio	Lower	Upper
117	100		
119	6.7	74.4	111.6#
121	0.0	24.2	36.2#

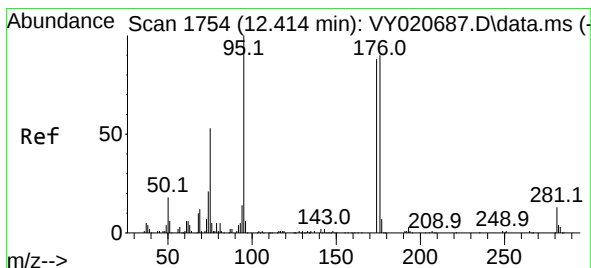
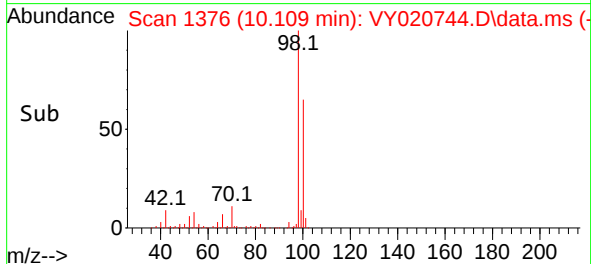
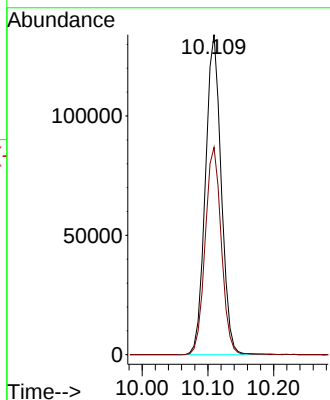
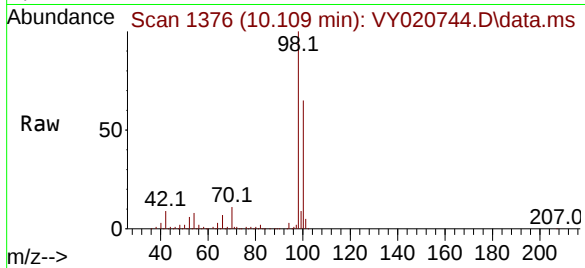




#50
Toluene-d8
Concen: 52.621 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

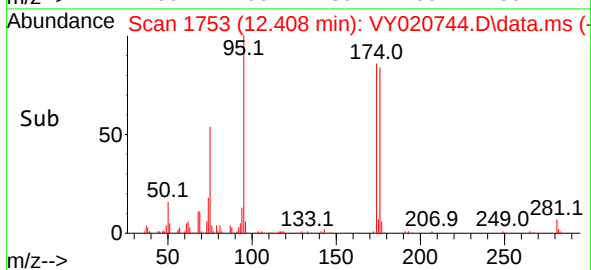
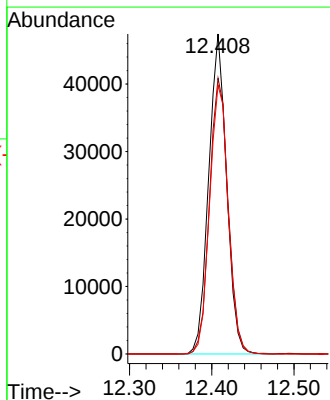
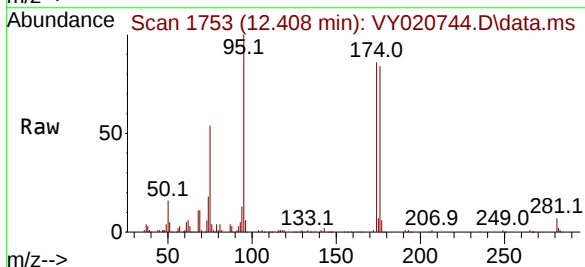
Instrument :
MSVOA_Y
ClientSampleId :

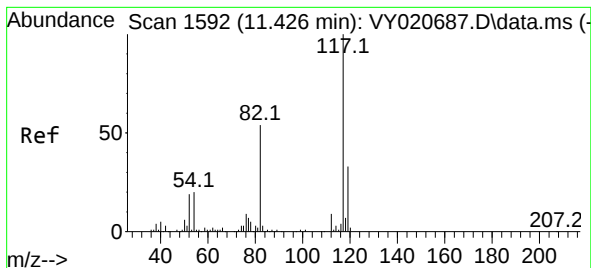
Tgt Ion: 98 Resp: 224164
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.645 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

Tgt Ion: 95 Resp: 71974
Ion Ratio Lower Upper
95 100
174 89.8 0.0 179.2
176 87.1 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

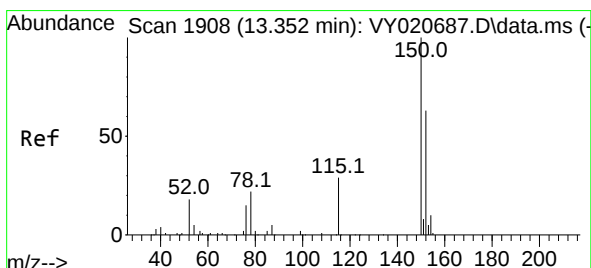
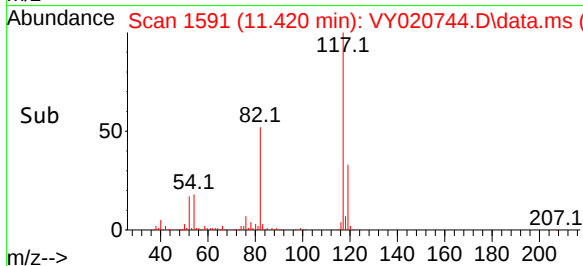
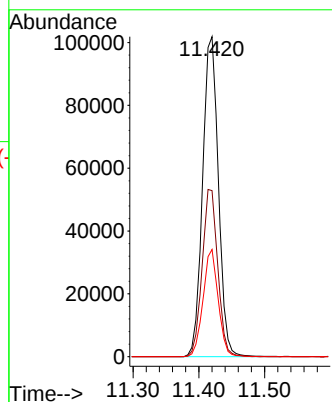
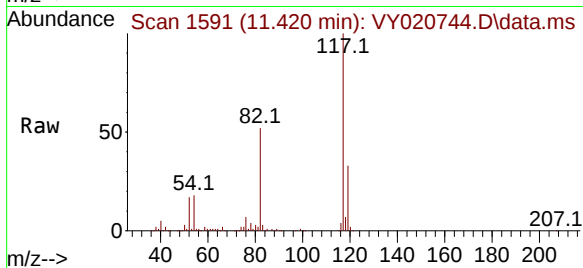
Tgt Ion:117 Resp: 169786

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.2

119 33.5 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

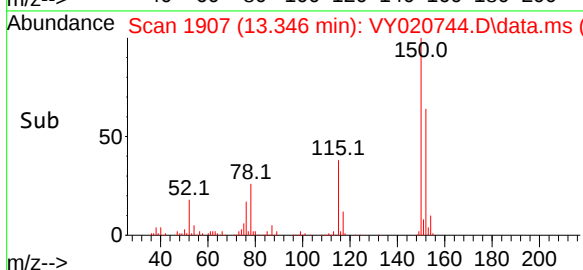
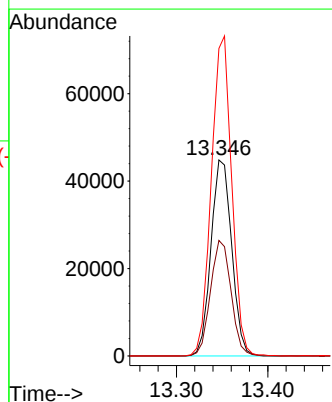
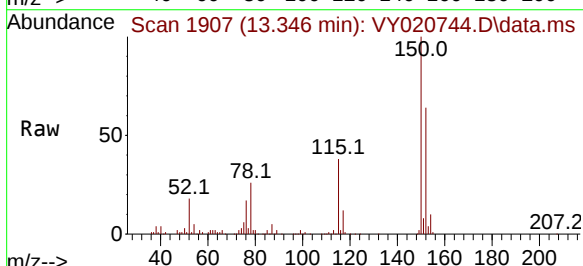
Tgt Ion:152 Resp: 70664

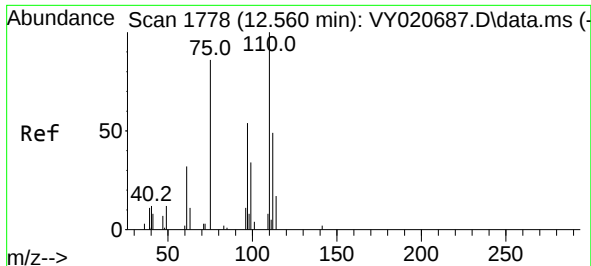
Ion Ratio Lower Upper

152 100

115 58.3 30.3 90.9

150 159.7 0.0 349.0

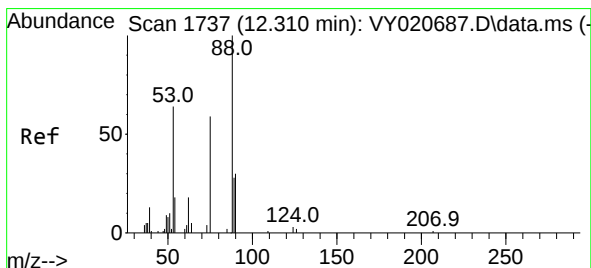
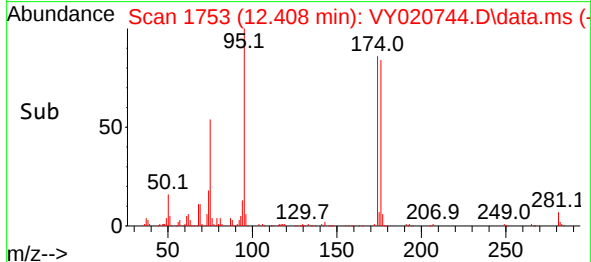
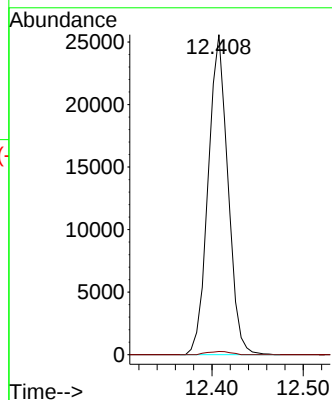
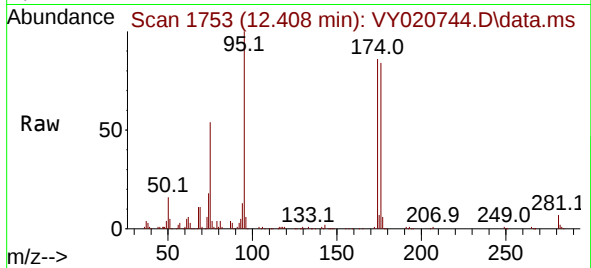




#76
1,2,3-Trichloropropane
Concen: 85.450 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

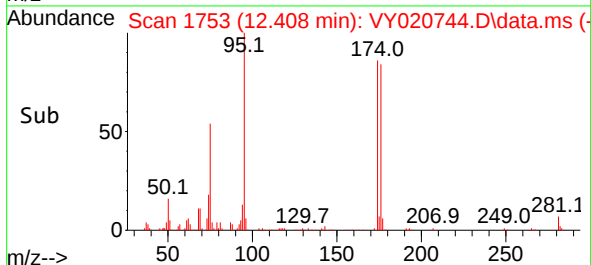
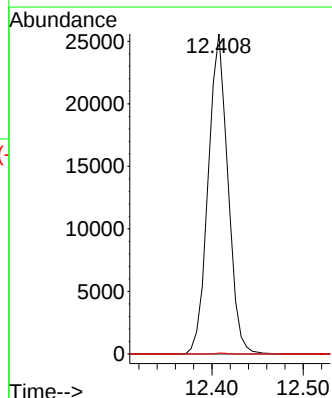
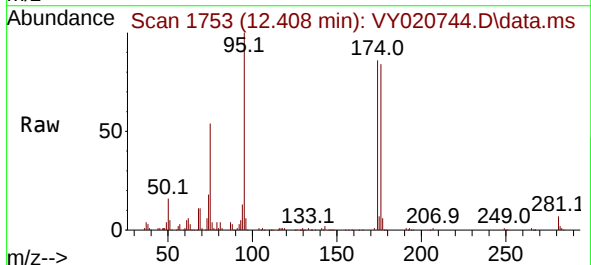
Instrument :
MSVOA_Y
ClientSampleId :

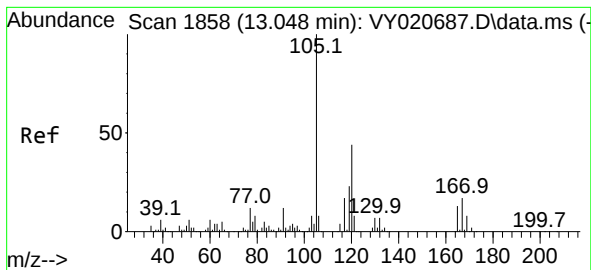
Tgt Ion: 75 Resp: 38404
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 168.901 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

Tgt Ion: 75 Resp: 38404
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.1 40.6 61.0#





#84

1,2,4-Trimethylbenzene

Concen: 1.108 ug/l

RT: 13.042 min Scan# 11

Delta R.T. -0.006 min

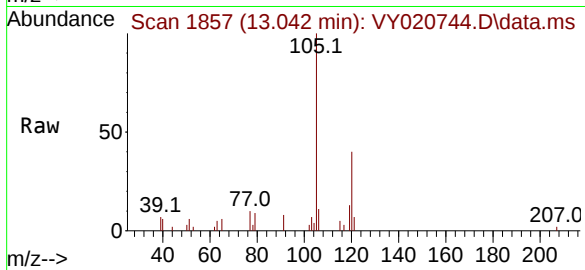
Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:105 Resp: 4397

Ion Ratio Lower Upper

105 100

120 45.7 21.8 65.3

