

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120720\
 Data File : VY003671.D
 Acq On : 07 Dec 2020 14:27
 Operator : SY/MD
 Sample : VY1207SBL07
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK428

Quant Time: Dec 08 00:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 00:43:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	268469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	251712	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.43	152	126131	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	58049	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
7) Chloroethane-d5	2.77	69	52043	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	3.86	63	101942	17.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.36%
21) 2-Butanone-d5	6.90	46	68741	50.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.36%
24) Chloroform-d	7.49	84	143354	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	8.15	65	81123	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
32) Benzene-d6	8.12	84	302649	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
36) 1,2-Dichloropropane-d6	9.13	67	94351	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.60%
41) Toluene-d8	10.18	98	273937	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
43) trans-1,3-Dichloropropene-	10.44	79	44242	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.44%
47) 2-Hexanone-d5	10.79	63	54236	50.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.20%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	83959	24.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.00%
66) 1,2-Dichlorobenzene-d4	13.72	152	104604	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds

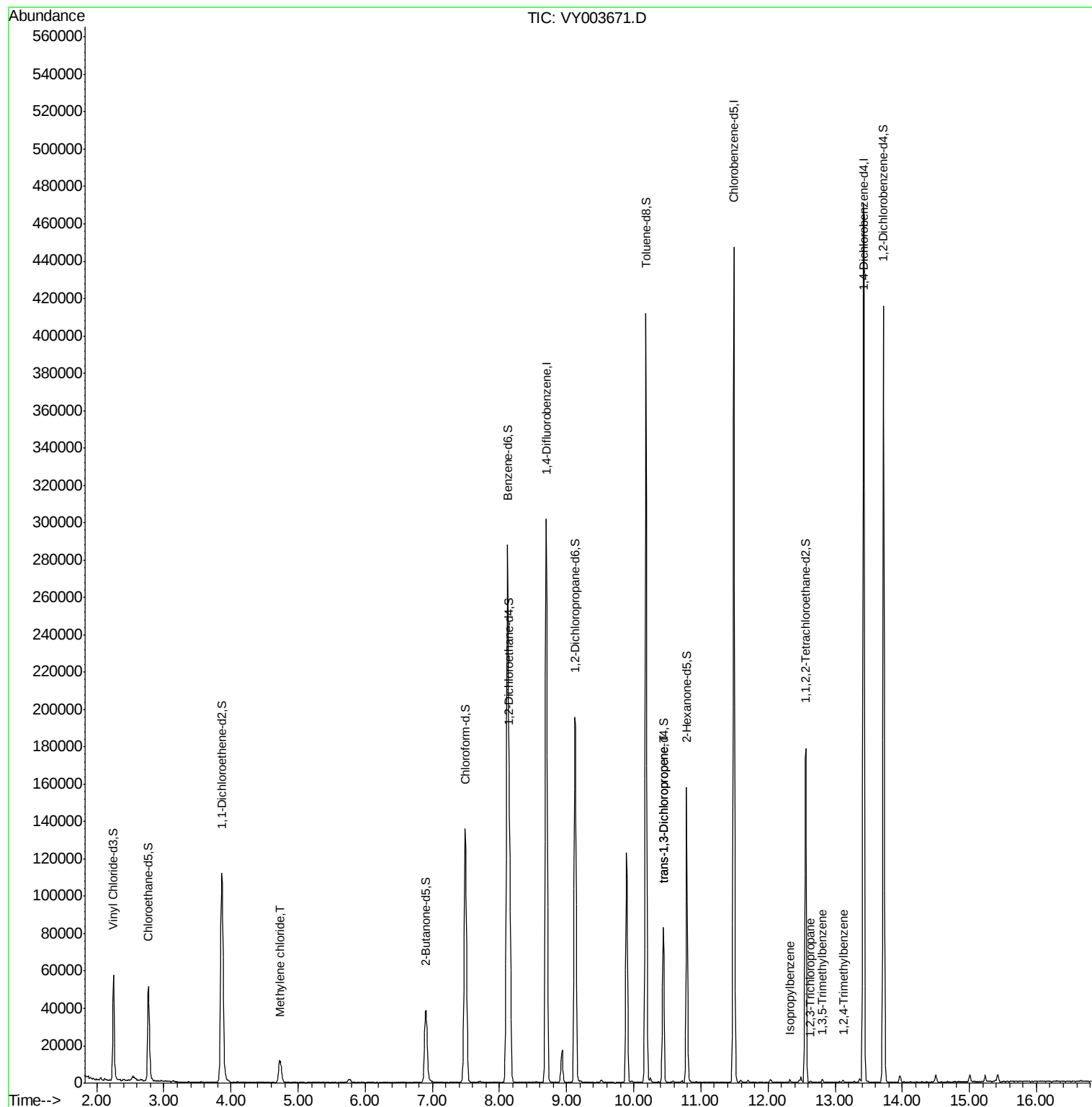
					Ovalue
16) Methylene chloride	4.73	84	4179	0.890 ug/L	94
44) trans-1,3-Dichloropropene	10.44	75	2491	0.477 ug/L	87
60) Isopropylbenzene	12.33	105	830	0.054 ug/L #	83
61) 1,2,3-Trichloropropane	12.64	75	140	0.050 ug/L #	33
62) 1,3,5-Trimethylbenzene	12.81	105	796	0.065 ug/L	94
63) 1,2,4-Trimethylbenzene	13.12	105	927	0.077 ug/L	87

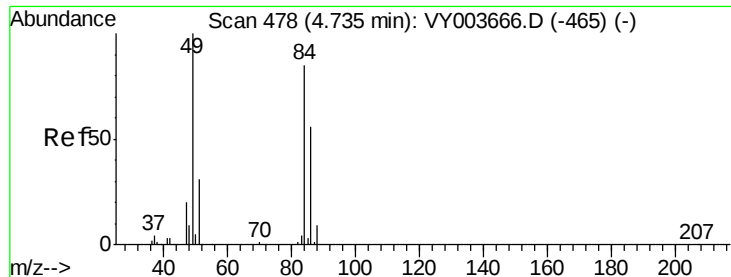
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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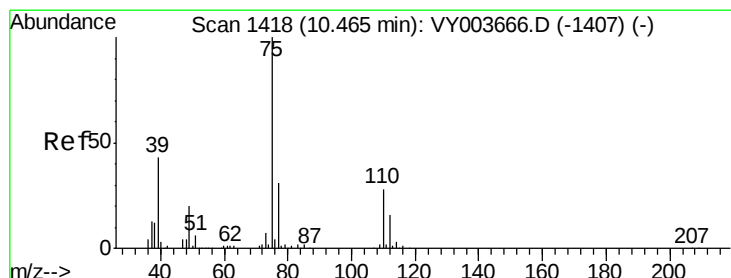
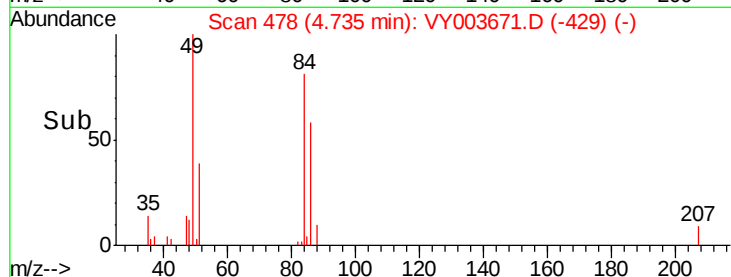
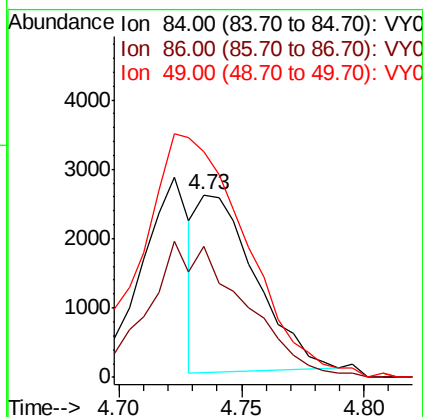
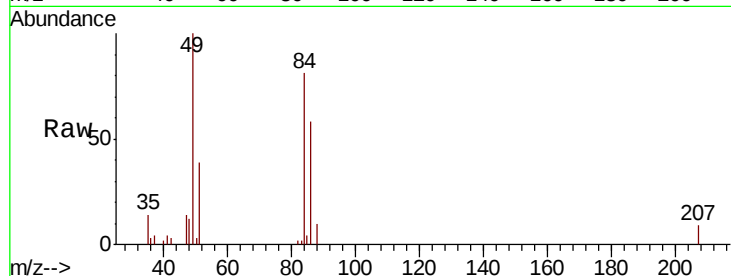




#16
Methylene chloride
Concen: 0.890 ug/L
RT: 4.73 min Scan# 478
Delta R.T. -0.00 min
Lab File: VY003671.D
Acq: 07 Dec 2020 14:27

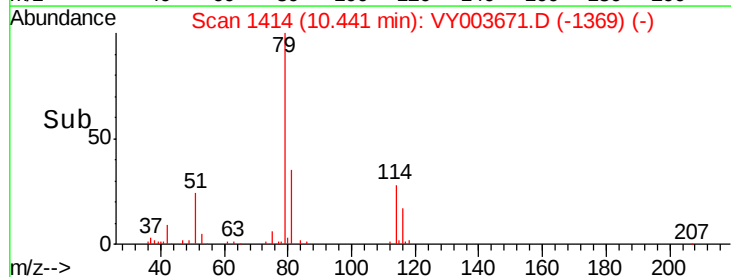
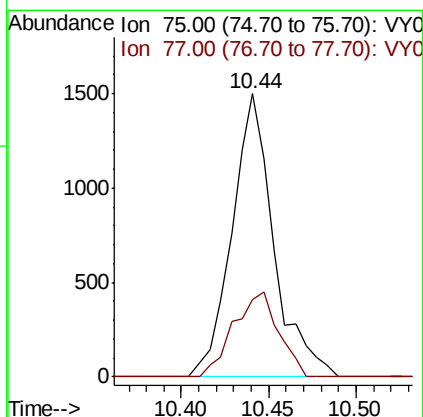
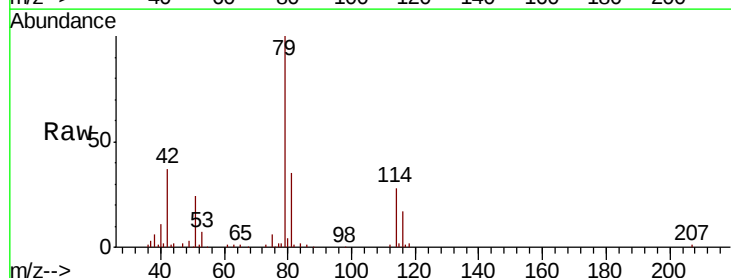
Instrument :
MSVOA_Y
ClientSampled :
VBLK428

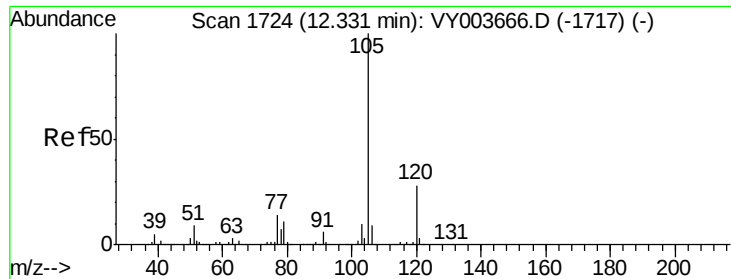
Tot Ion: 84 Resp: 4179
Ion Ratio Lower Upper
84 100
86 72.0 45.2 84.0
49 123.8 83.1 154.3



#44
trans-1,3-Dichloropropene
Concen: 0.477 ug/L
RT: 10.44 min Scan# 1414
Delta R.T. -0.02 min
Lab File: VY003671.D
Acq: 07 Dec 2020 14:27

Tgt Ion: 75 Resp: 2491
Ion Ratio Lower Upper
75 100
77 27.5 24.7 45.9





#60

Isopropylbenzene

Concen: 0.054 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. -0.00 min

Lab File: VY003671.D

Acq: 07 Dec 2020 14:27

Instrument :

MSVOA_Y

ClientSampled :

VBLK428

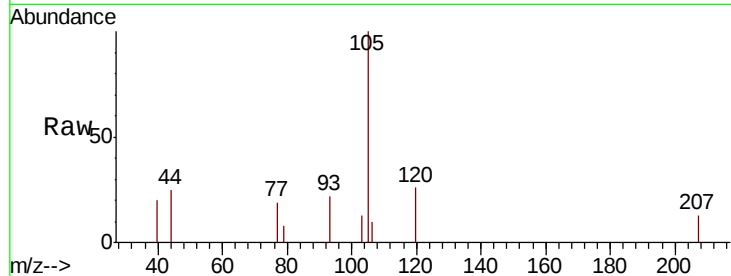
Tot Ion: 105 Resp: 830

Ion Ratio Lower Upper

105 100

120 15.7 22.6 33.8#

77 16.9 11.9 17.9



Abundance Ion 105.00 (104.70 to 105.70): VY003666.D (-1717) (-)

Ion 120.00 (119.70 to 120.70): VY003666.D (-1717) (-)

Ion 77.00 (76.70 to 77.70): VY003666.D (-1717) (-)

12.33

600

400

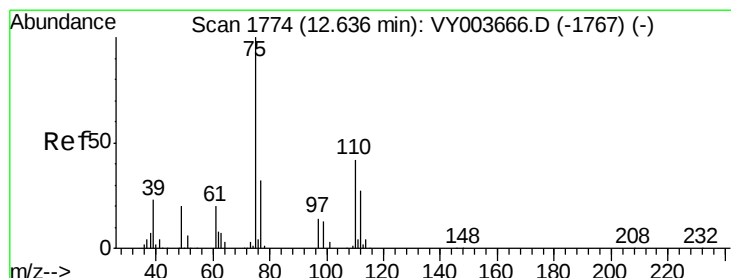
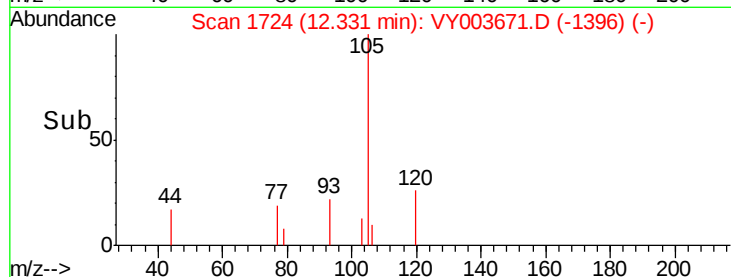
200

0

12.30

12.35

Time-->



#61

1,2,3-Trichloropropane

Concen: 0.050 ug/L

RT: 12.64 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VY003671.D

Acq: 07 Dec 2020 14:27

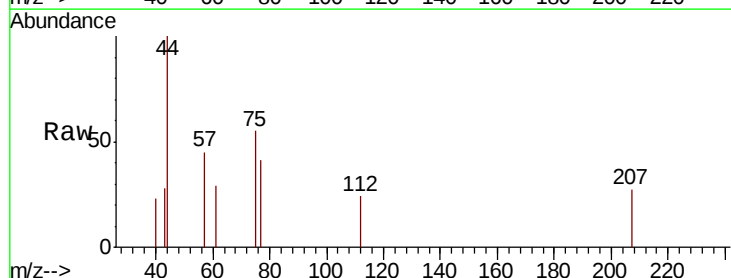
Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

77 76.4 29.0 43.6#

110 0.0 33.3 49.9#



Abundance Ion 75.00 (74.70 to 75.70): VY003666.D (-1767) (-)

Ion 77.00 (76.70 to 77.70): VY003666.D (-1767) (-)

Ion 110.00 (109.70 to 110.70): VY003666.D (-1767) (-)

12.64

200

150

100

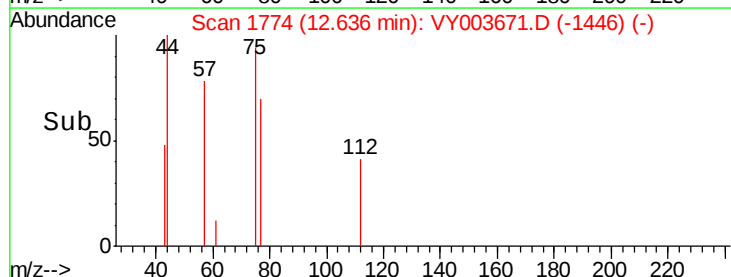
50

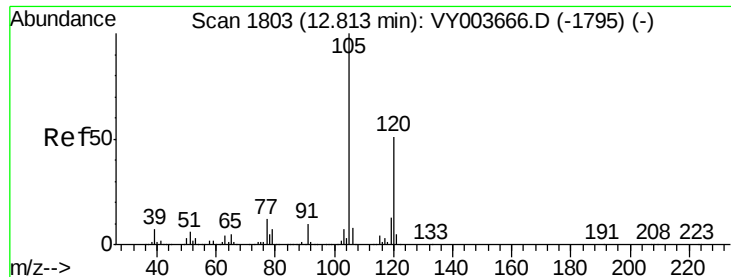
0

12.62

12.64

Time-->





#62

1,3,5-Trimethylbenzene

Concen: 0.065 ug/L

RT: 12.81 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY003671.D

Acq: 07 Dec 2020 14:27

Instrument :

MSVOA_Y

ClientSampleId :

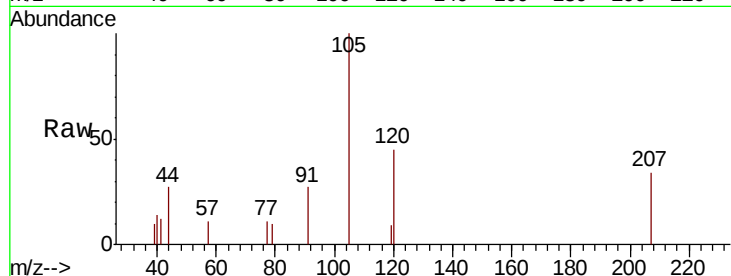
VBLK428

Tot Ion:105 Resp: 796

Ion Ratio Lower Upper

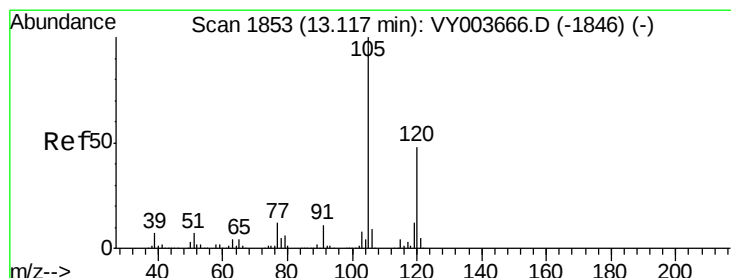
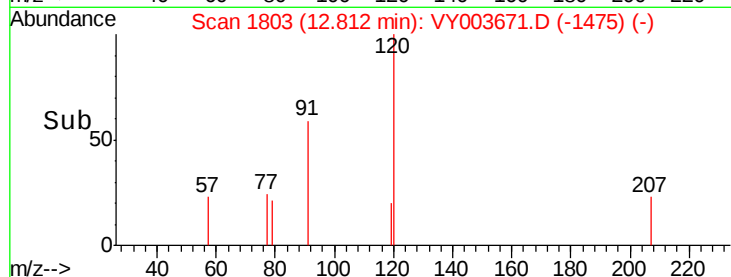
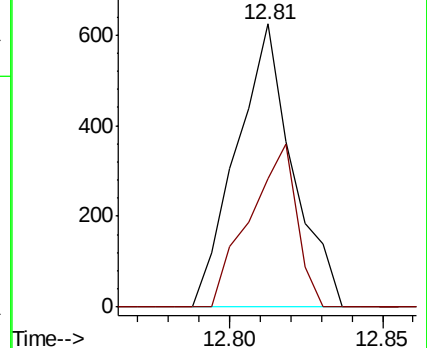
105 100

120 48.2 42.2 63.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 0.077 ug/L

RT: 13.12 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VY003671.D

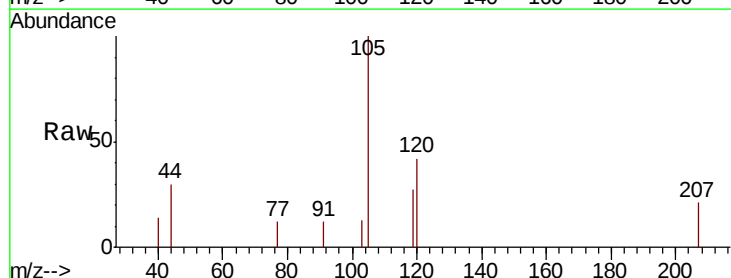
Acq: 07 Dec 2020 14:27

Tgt Ion:105 Resp: 927

Ion Ratio Lower Upper

105 100

120 40.1 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

