

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123020\
 Data File : VY003862.D
 Acq On : 30 Dec 2020 12:35
 Operator : SY/MD
 Sample : VY1230SBL02
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 03:18:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 31 03:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	381067	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	366986	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	193824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	115665	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.76%
7) Chloroethane-d5	2.77	69	103894	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
11) 1,1-Dichloroethene-d2	3.86	63	161043	14.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.88%
21) 2-Butanone-d5	6.90	46	123426	50.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.68%
24) Chloroform-d	7.48	84	235511	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.14	65	150597	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.84%
32) Benzene-d6	8.11	84	440352	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
36) 1,2-Dichloropropane-d6	9.12	67	142518	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.72%
41) Toluene-d8	10.18	98	397271	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.28%
43) trans-1,3-Dichloropropene-	10.43	79	73081	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.12%
47) 2-Hexanone-d5	10.79	63	91876	49.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.46%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	144583	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
66) 1,2-Dichlorobenzene-d4	13.72	152	172323	24.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.32%

Target Compounds

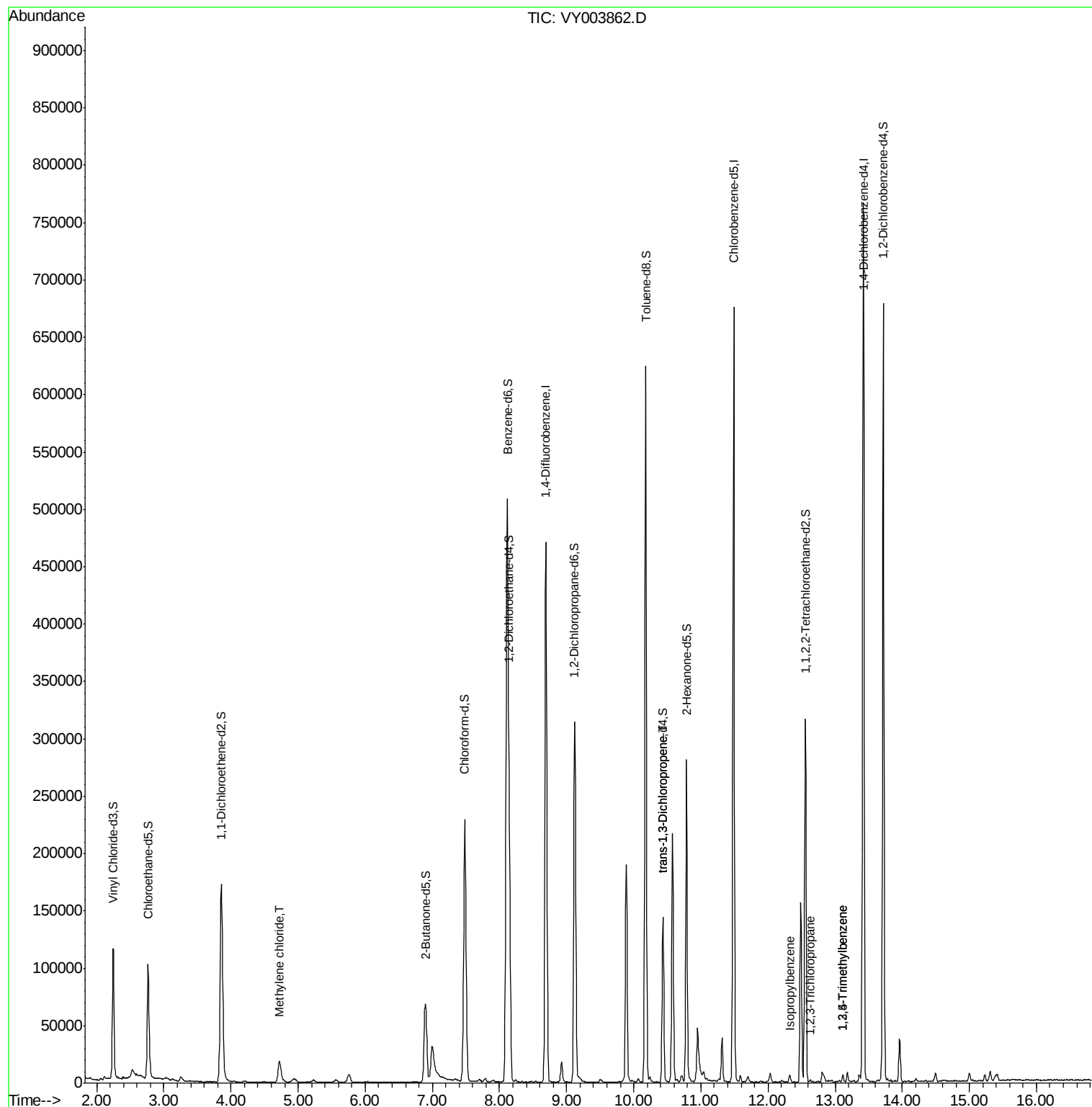
					Ovalue
16) Methylene chloride	4.72	84	12501	2.045	ug/L 94
44) trans-1,3-Dichloropropene	10.44	75	5187	0.551	ug/L 93
60) Isopropylbenzene	12.32	105	3533	0.138	ug/L # 95
61) 1,2,3-Trichloropropane	12.63	75	899	0.189	ug/L # 78
62) 1,3,5-Trimethylbenzene	13.11	105	3160	0.148	ug/L 95
63) 1,2,4-Trimethylbenzene	13.11	105	3160	0.147	ug/L 90

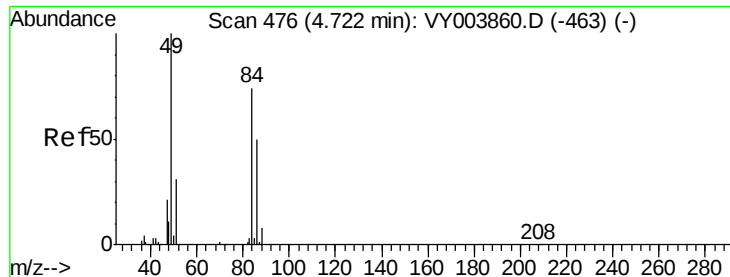
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Dec 31 03:18:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL122920SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 31 03:17:23 2020
Response via : Initial Calibration

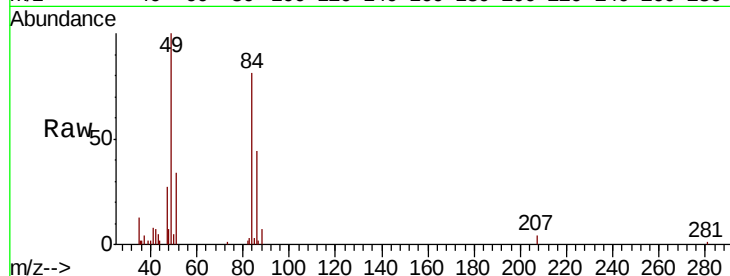




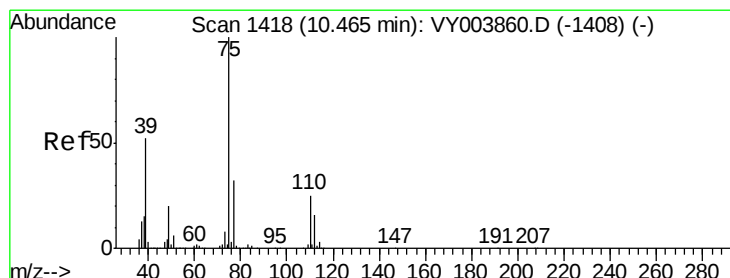
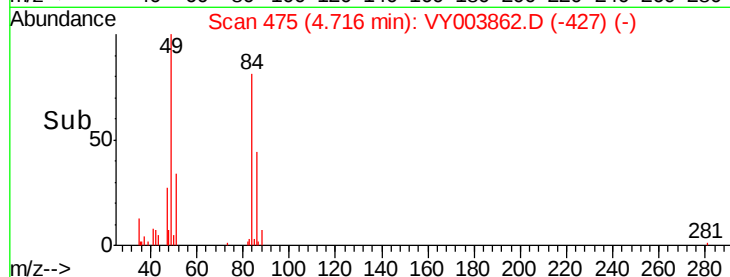
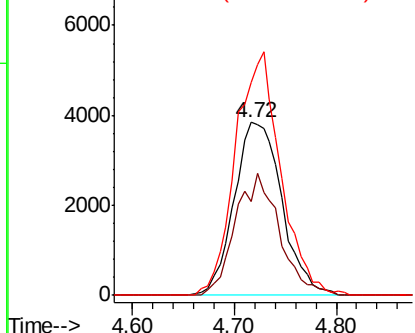
#16
Methvlene chloride
Concen: 2.045 ug/L
RT: 4.72 min Scan# 475
Delta R.T. -0.01 min
Lab File: VY003862.D
Acq: 30 Dec 2020 12:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 12501
Ion Ratio Lower Upper
84 100
86 54.0 42.1 78.3
49 123.1 90.3 167.7

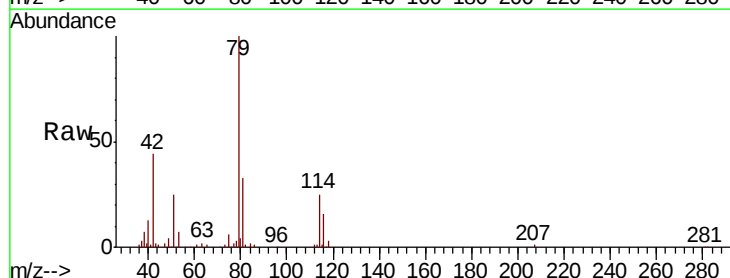


Abundance Ion 84.00 (83.70 to 84.70): VY0
Ion 86.00 (85.70 to 86.70): VY0
Ion 49.00 (48.70 to 49.70): VY0

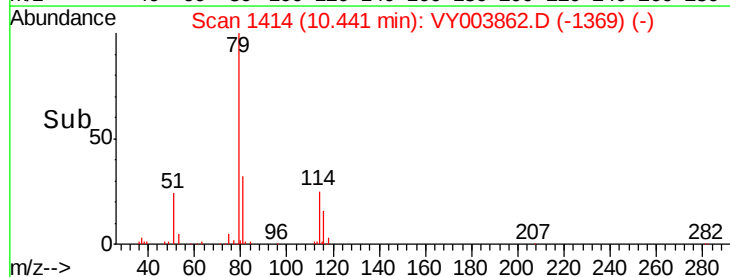
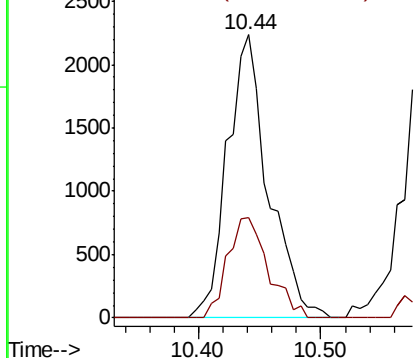


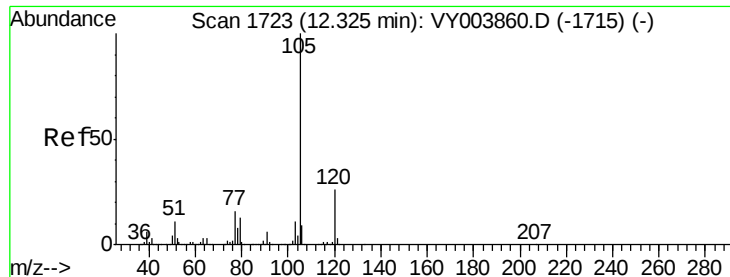
#44
trans-1,3-Dichloropropene
Concen: 0.551 ug/L
RT: 10.44 min Scan# 1414
Delta R.T. -0.02 min
Lab File: VY003862.D
Acq: 30 Dec 2020 12:35

Tgt Ion: 75 Resp: 5187
Ion Ratio Lower Upper
75 100
77 35.3 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#60

Isopropylbenzene

Concen: 0.138 ug/L

RT: 12.32 min Scan# 1723

Delta R.T. -0.00 min

Lab File: VY003862.D

Acq: 30 Dec 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

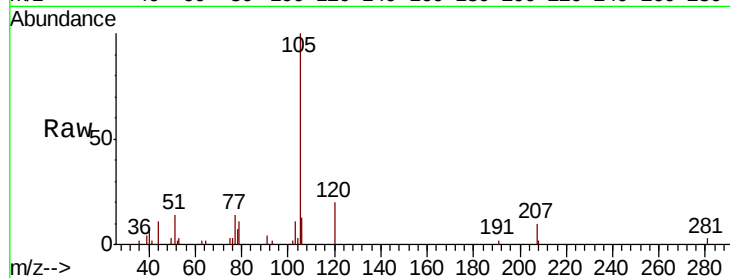
Tot Ion: 105 Resp: 3533

Ion Ratio Lower Upper

105 100

120 26.4 21.7 32.5

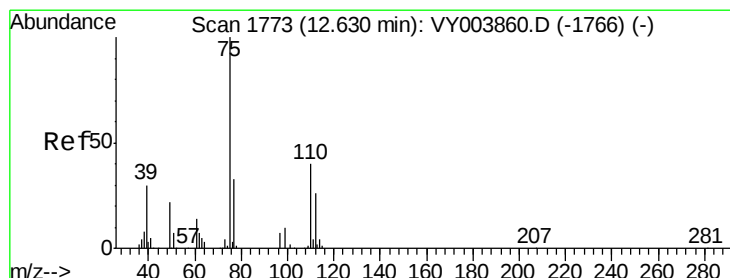
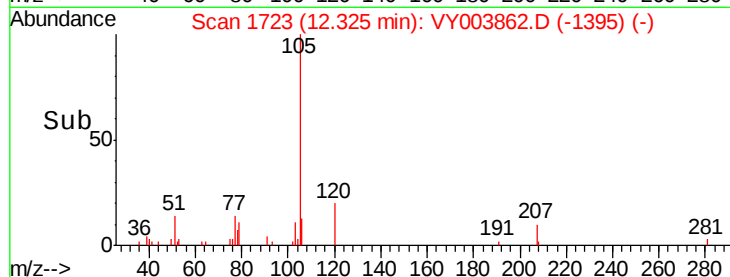
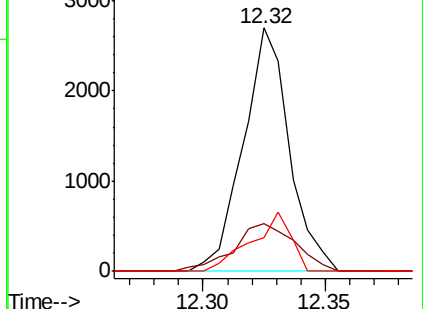
77 20.7 12.9 19.3#



Abundance Ion 105.00 (104.70 to 105.70): VY003862.D (-1715) (-)

Ion 120.00 (119.70 to 120.70): VY003862.D (-1715) (-)

Ion 77.00 (76.70 to 77.70): VY003862.D (-1715) (-)



#61

1,2,3-Trichloropropane

Concen: 0.189 ug/L

RT: 12.63 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VY003862.D

Acq: 30 Dec 2020 12:35

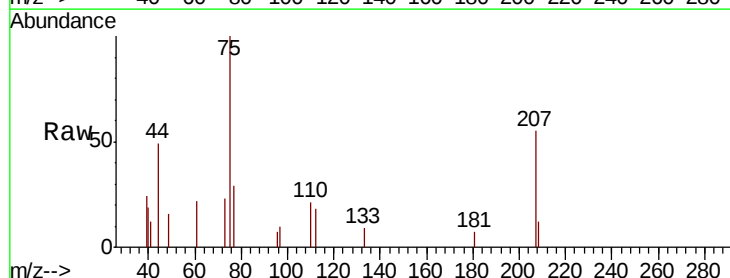
Tgt Ion: 75 Resp: 899

Ion Ratio Lower Upper

75 100

77 29.7 26.2 39.4

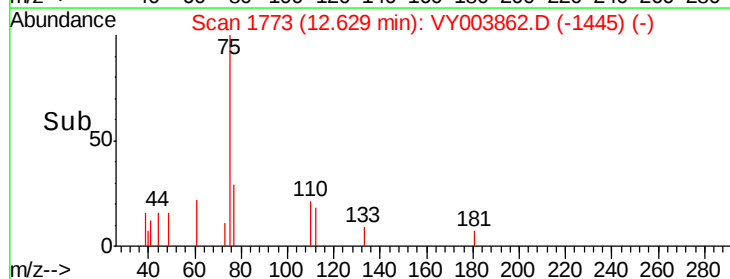
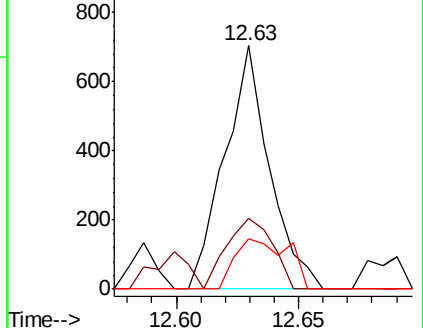
110 19.0 32.4 48.6#

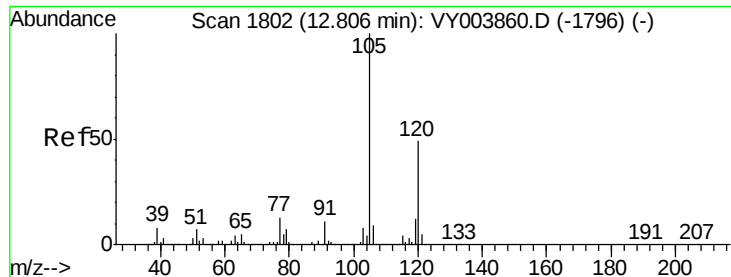


Abundance Ion 75.00 (74.70 to 75.70): VY003862.D (-1766) (-)

Ion 77.00 (76.70 to 77.70): VY003862.D (-1766) (-)

Ion 110.00 (109.70 to 110.70): VY003862.D (-1766) (-)





#62

1,3,5-Trimethylbenzene

Concen: 0.148 ug/L

RT: 13.11 min Scan# 1852

Delta R.T. 0.30 min

Lab File: VY003862.D

Acq: 30 Dec 2020 12:35

Instrument :

MSVOA_Y

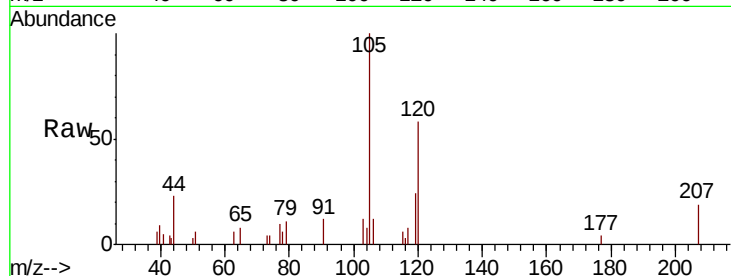
ClientSampleId :

Tot Ion:105 Resp: 3160

Ion Ratio Lower Upper

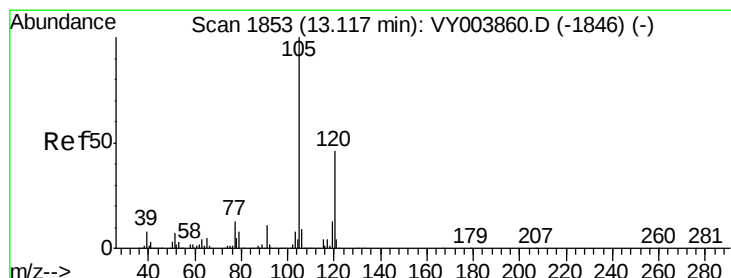
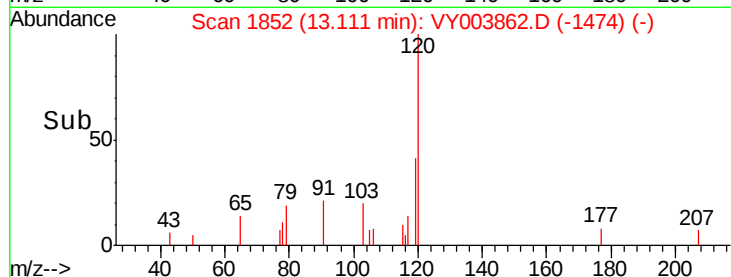
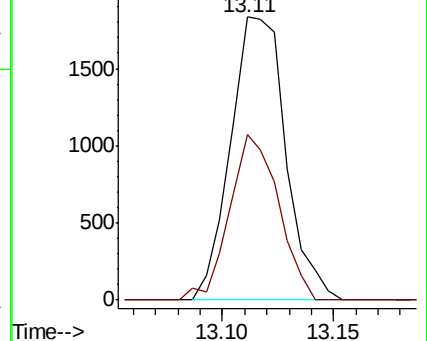
105 100

120 52.1 39.0 58.4



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: 0.147 ug/L

RT: 13.11 min Scan# 1852

Delta R.T. -0.01 min

Lab File: VY003862.D

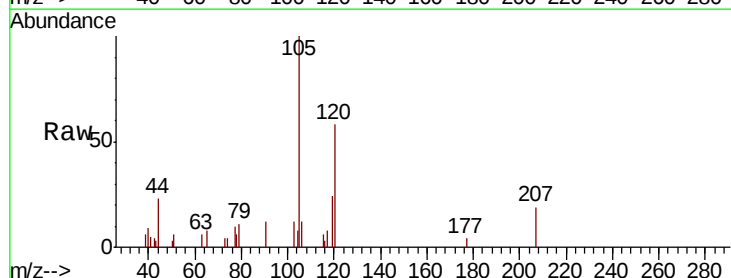
Acq: 30 Dec 2020 12:35

Tgt Ion:105 Resp: 3160

Ion Ratio Lower Upper

105 100

120 52.1 36.5 54.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

