

Data File : VY003590.D
Acq On : 23 Nov 2020 13:32
Operator : SY/MD
Sample : VY1123SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK402

Quant Time: Nov 24 07:18:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112320SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 12:08:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	223889	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	206503	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	97514	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	74805	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.72%
7) Chloroethane-d5	2.77	69	58200	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
11) 1,1-Dichloroethene-d2	3.85	63	121369	18.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.48%
21) 2-Butanone-d5	6.90	46	66627	49.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.60%
24) Chloroform-d	7.48	84	146036	23.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	8.14	65	84070	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
32) Benzene-d6	8.11	84	318162	24.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.84%
36) 1,2-Dichloropropane-d6	9.12	67	94675	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.88%
41) Toluene-d8	10.17	98	282669	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
43) trans-1,3-Dichloropropene-	10.44	79	45429	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.96%
47) 2-Hexanone-d5	10.78	63	50169	49.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.94%
56) 1,1,2,2-Tetrachloroethane-	12.55	84	80546	23.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.40%
66) 1,2-Dichlorobenzene-d4	13.72	152	86456	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%

Target Compounds

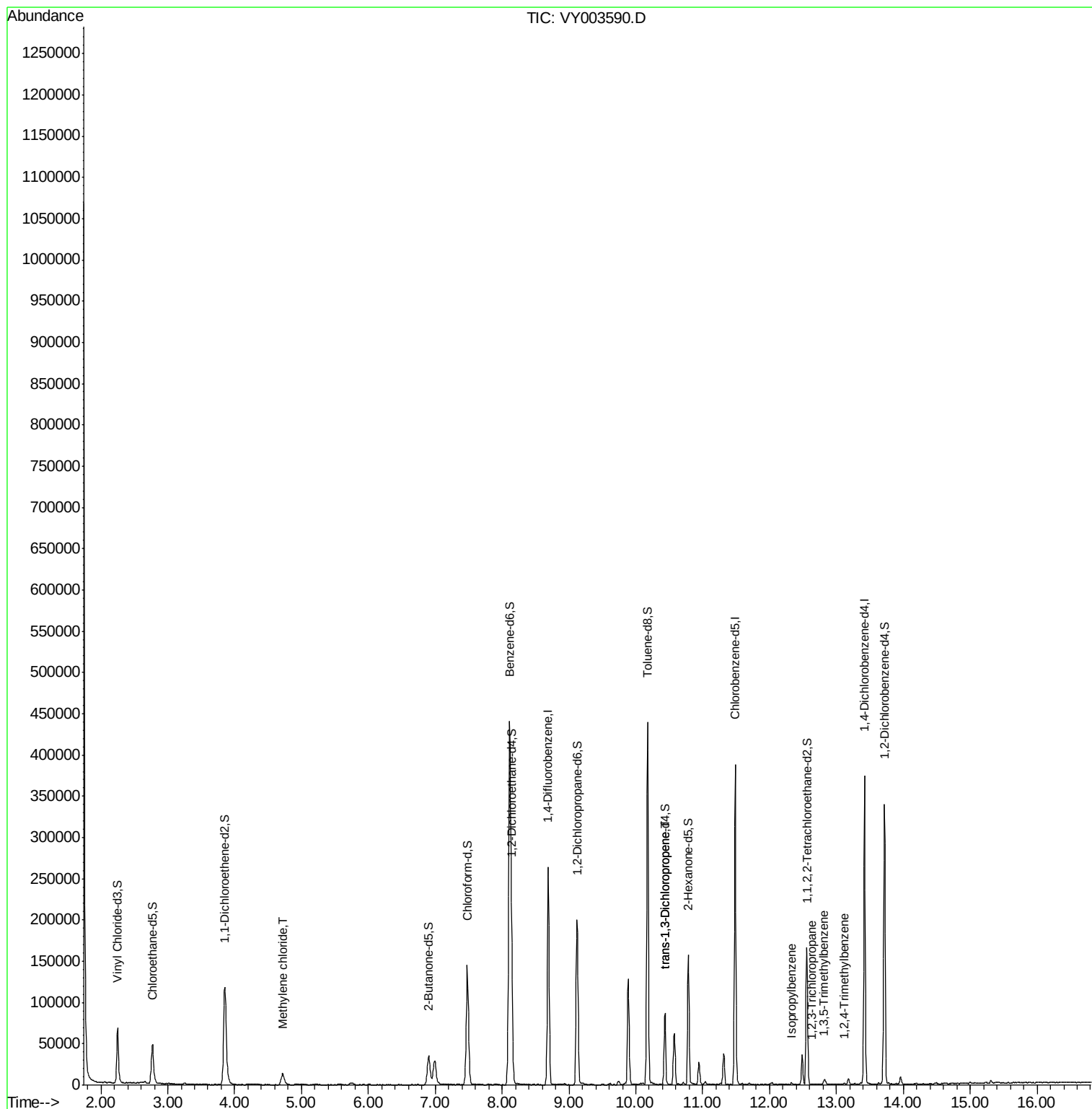
						Qvalue
16) Methylene chloride	4.72	84	9824	2.244	ug/L	94
44) trans-1,3-Dichloropropene	10.43	75	2841	0.578	ug/L	94
60) Isopropylbenzene	12.33	105	882	0.090	ug/L #	87
61) 1,2,3-Trichloropropane	12.63	75	249	0.105	ug/L #	63
62) 1,3,5-Trimethylbenzene	12.81	105	698	0.096	ug/L	86
63) 1,2,4-Trimethylbenzene	13.12	105	928	0.121	ug/L	99

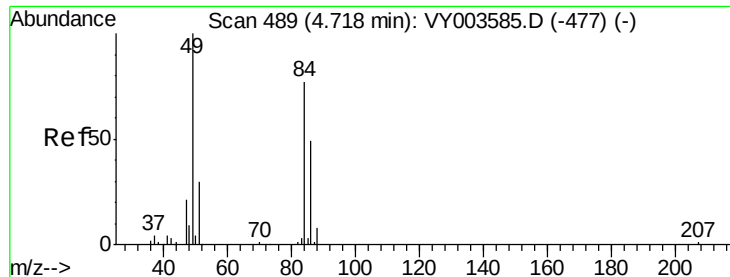
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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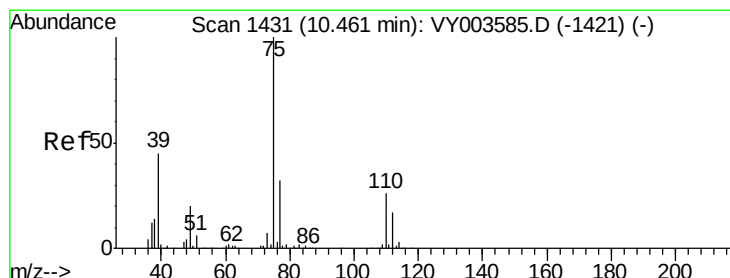
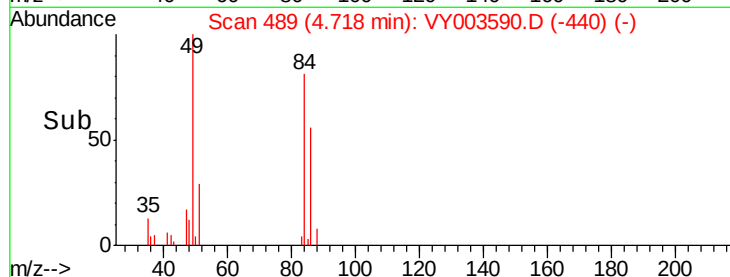
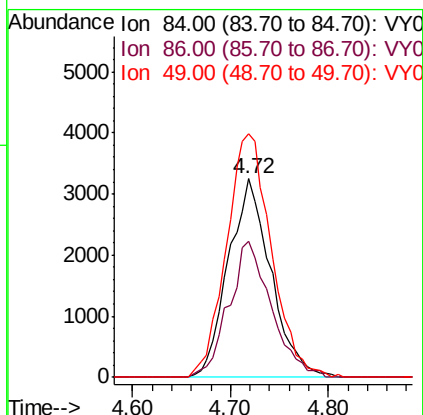
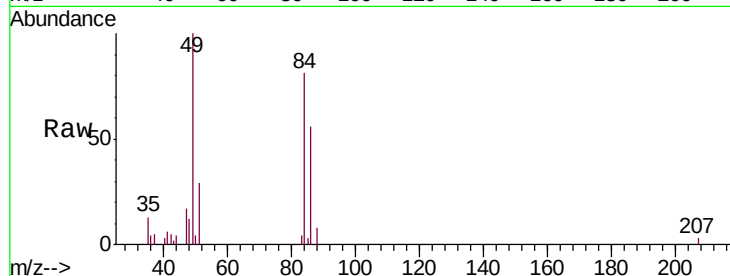




#16
Methylene chloride
Concen: 2.244 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY003590.D
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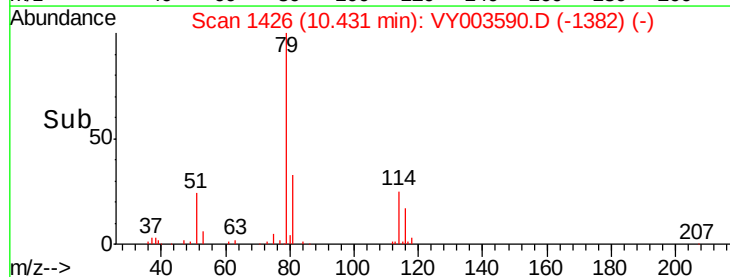
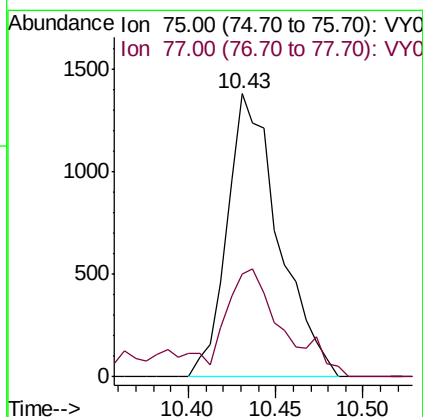
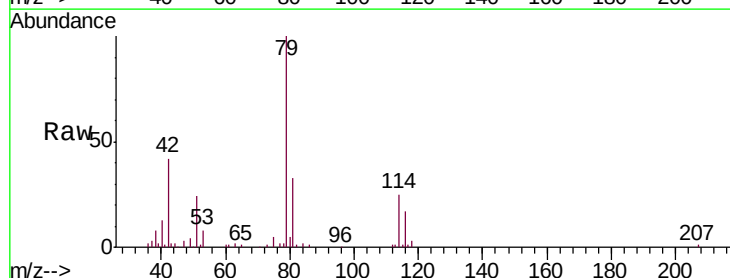
Instrument :
MSVOA_Y
ClientSampled :
VBLK402

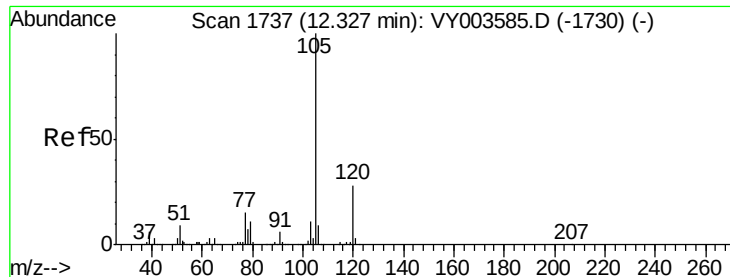
Tgt Ion: 84 Resp: 9824
Ion Ratio Lower Upper
84 100
86 68.8 45.2 84.0
49 122.7 91.5 169.9



#44
trans-1,3-Dichloropropene
Concen: 0.578 ug/L
RT: 10.43 min Scan# 1426
Delta R.T. -0.03 min
Lab File: VY003590.D
Acq: 23 Nov 2020 13:32

Tgt Ion: 75 Resp: 2841
Ion Ratio Lower Upper
75 100
77 36.2 22.9 42.5





#60

Isopropylbenzene

Concen: 0.090 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003590.D

Acq: 23 Nov 2020 13:32

Instrument :

MSVOA_Y

ClientSampled :

VBLK402

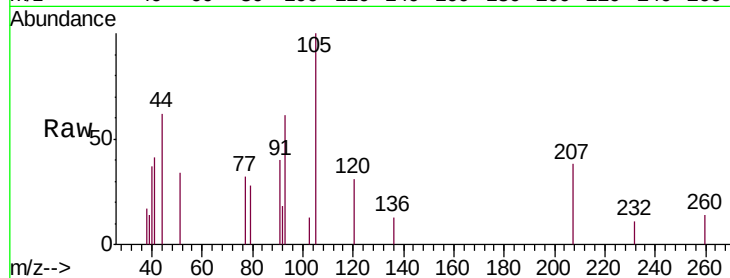
Tgt Ion: 105 Resp: 882

Ion Ratio Lower Upper

105 100

120 22.4 21.8 32.6

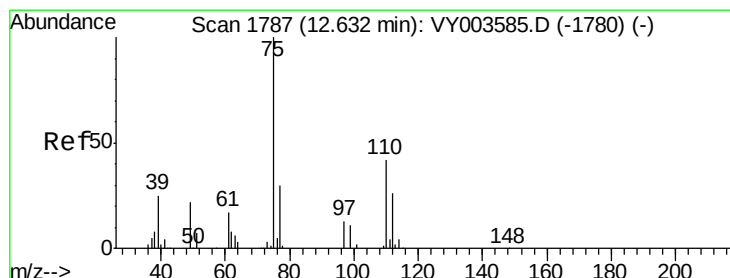
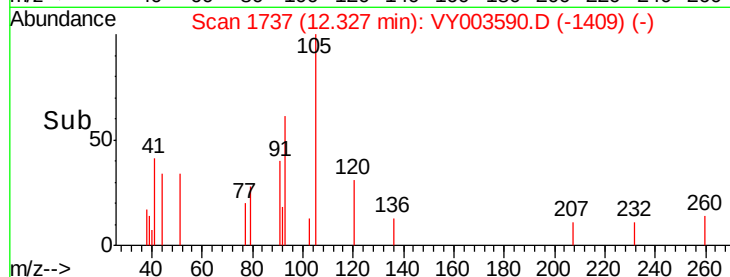
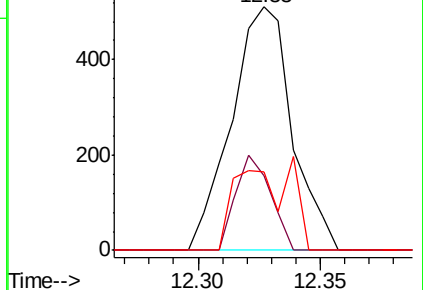
77 23.6 12.0 18.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 0.105 ug/L

RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY003590.D

Acq: 23 Nov 2020 13:32

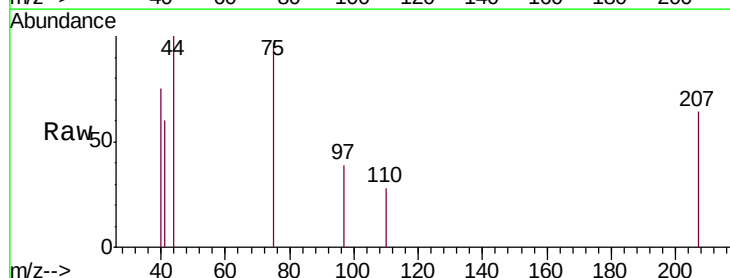
Tgt Ion: 75 Resp: 249

Ion Ratio Lower Upper

75 100

77 0.0 26.1 39.1#

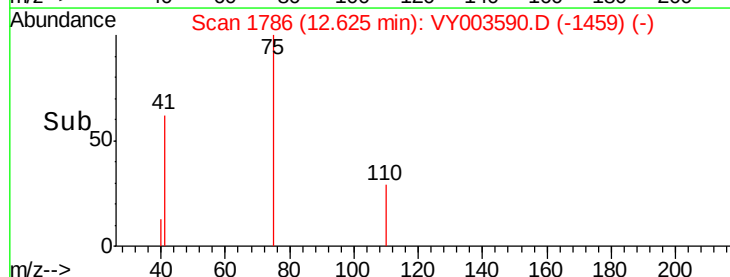
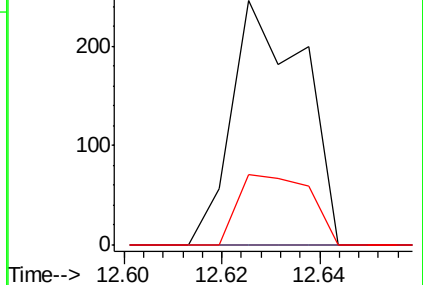
110 28.9 33.4 50.0#

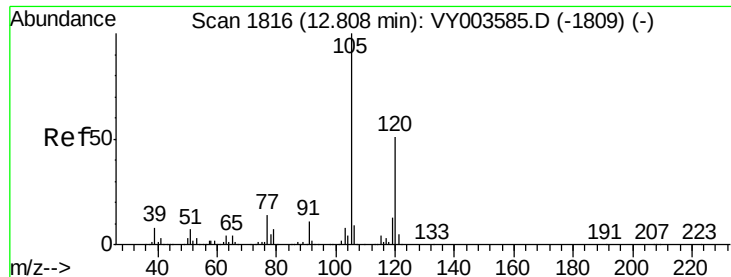


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 0.096 ug/L

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003590.D

Acq: 23 Nov 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

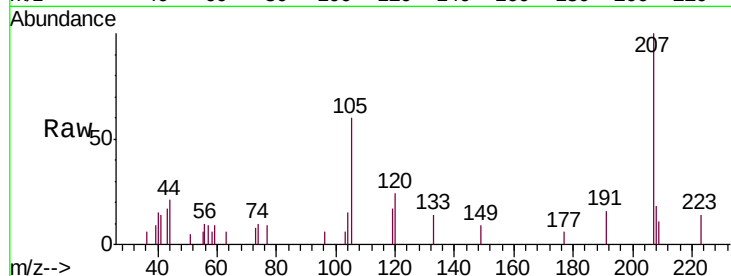
VBLK402

Tgt Ion:105 Resp: 698

Ion Ratio Lower Upper

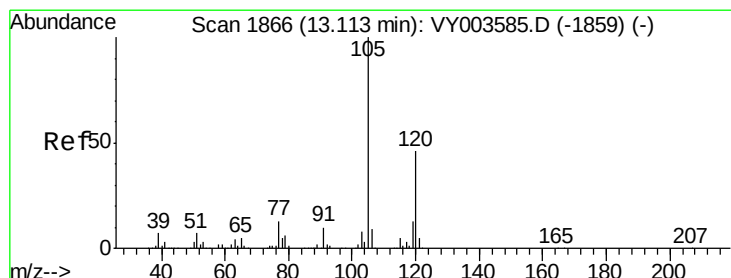
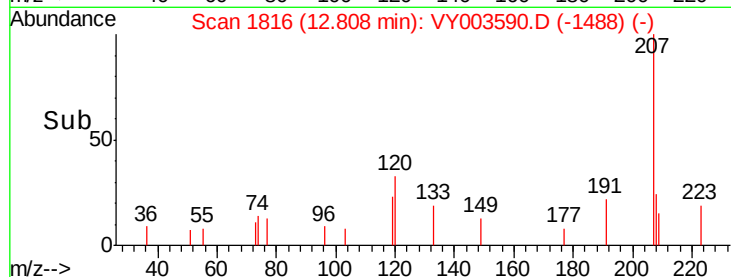
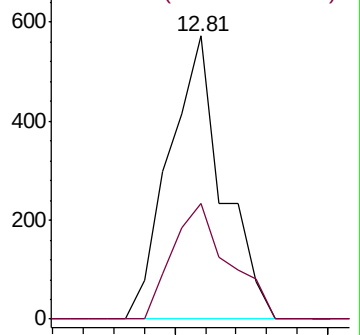
105 100

120 42.7 41.8 62.6



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: 0.121 ug/L

RT: 13.12 min Scan# 1867

Delta R.T. 0.01 min

Lab File: VY003590.D

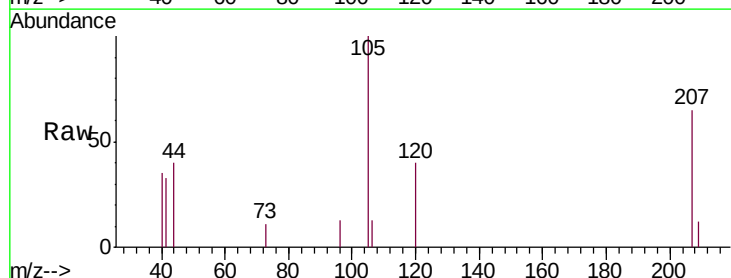
Acq: 23 Nov 2020 13:32

Tgt Ion:105 Resp: 928

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

