

Data File : VY003592.D
Acq On : 23 Nov 2020 14:46
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-01

Quant Time: Nov 24 07:18:45 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	216549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	200613	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	95486	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	81268	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.40%
7) Chloroethane-d5	2.77	69	62360	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.52%
11) 1,1-Dichloroethene-d2	3.85	63	127604	19.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.80%
21) 2-Butanone-d5	6.90	46	67361	51.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.08%
24) Chloroform-d	7.48	84	154333	25.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.76%
26) 1,2-Dichloroethane-d4	8.14	65	88257	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
32) Benzene-d6	8.11	84	332882	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
36) 1,2-Dichloropropane-d6	9.12	67	98516	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.60%
41) Toluene-d8	10.17	98	299251	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.56%
43) trans-1,3-Dichloropropene-	10.44	79	47600	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.48%
47) 2-Hexanone-d5	10.78	63	51425	52.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.38%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	82582	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
66) 1,2-Dichlorobenzene-d4	13.72	152	88980	26.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.48%

Target Compounds

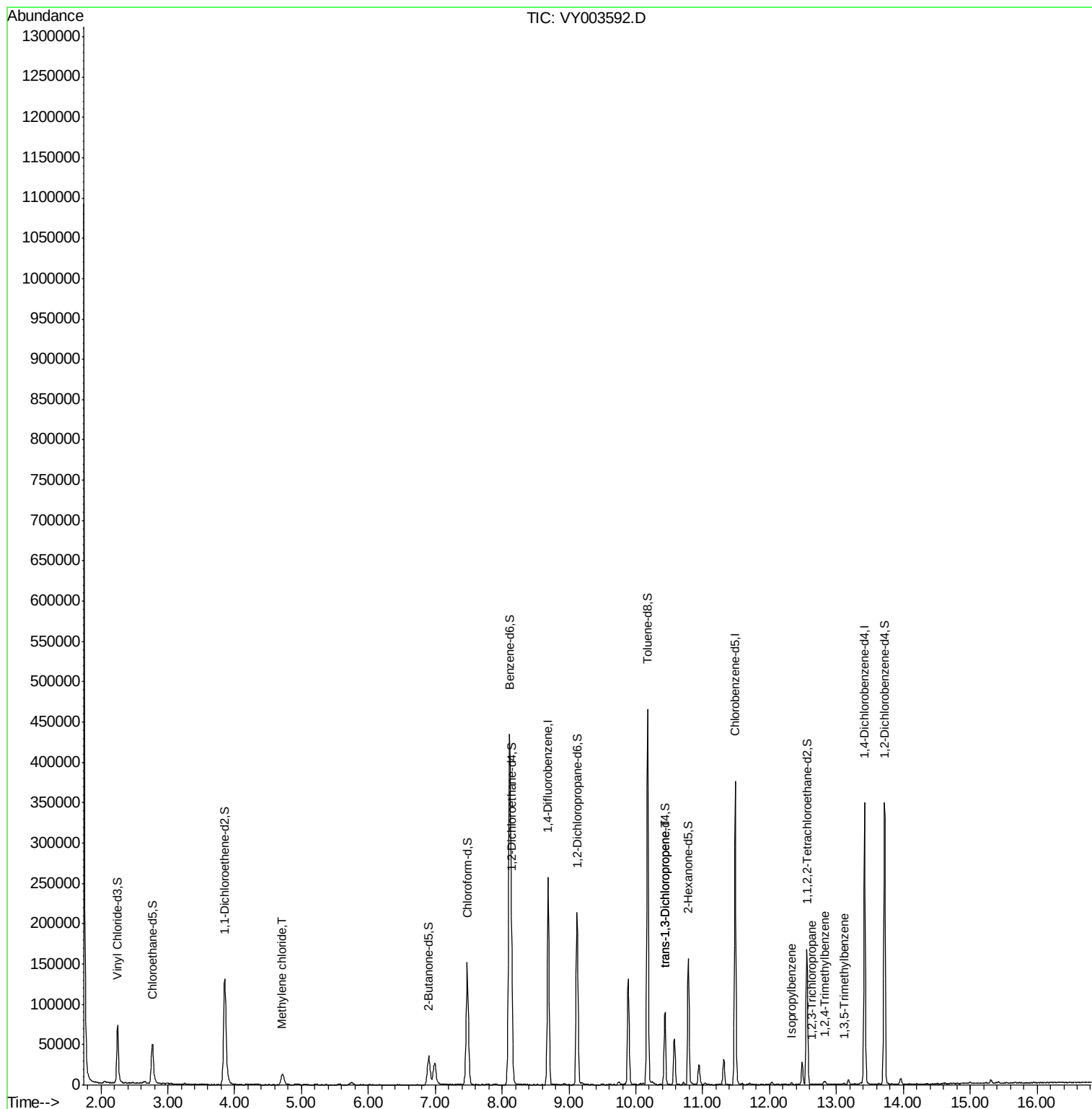
					Qvalue
16) Methylene chloride	4.71	84	10113	2.388 ug/L	96
44) trans-1,3-Dichloropropene	10.44	75	2596	0.543 ug/L #	76
60) Isopropylbenzene	12.33	105	1022	0.106 ug/L #	86
61) 1,2,3-Trichloropropane	12.64	75	172	0.074 ug/L #	61
62) 1,3,5-Trimethylbenzene	13.12	105	833	0.118 ug/L	92
63) 1,2,4-Trimethylbenzene	12.81	105	636	0.085 ug/L	88

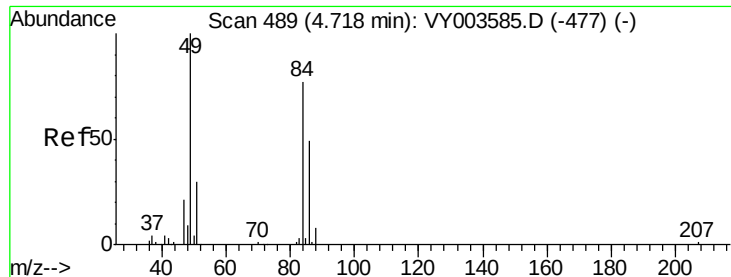
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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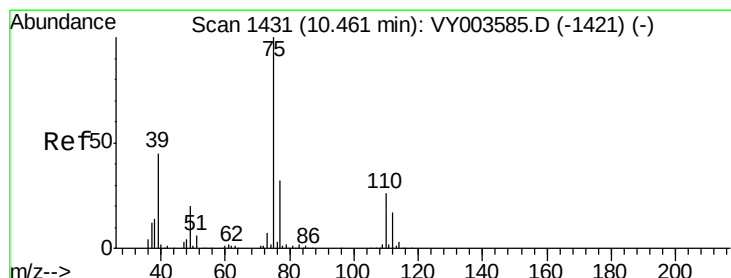
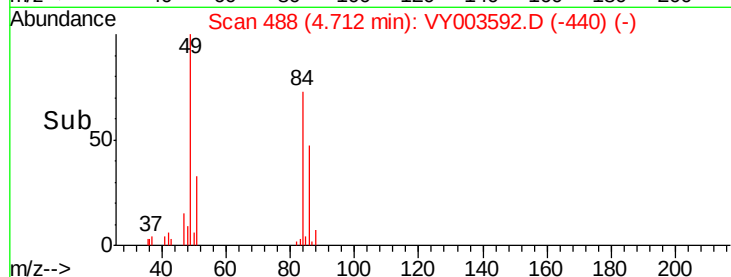
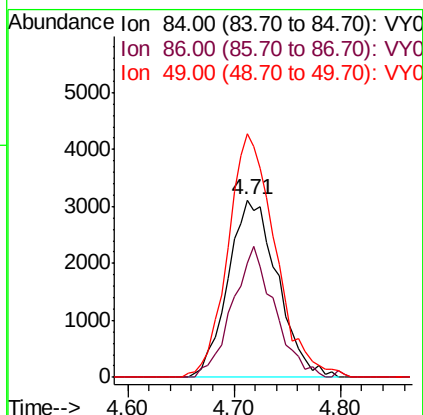
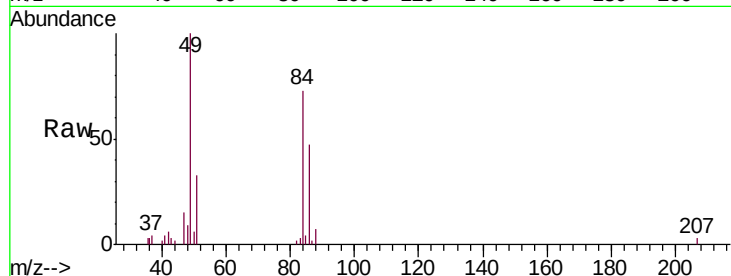




#16
Methylene chloride
Concen: 2.388 ug/L
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY003592.D
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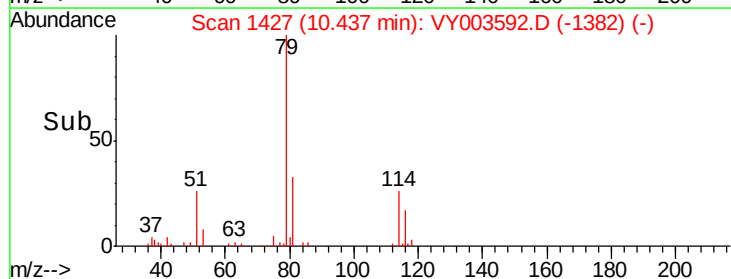
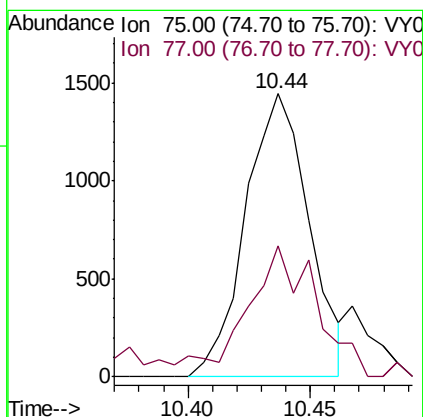
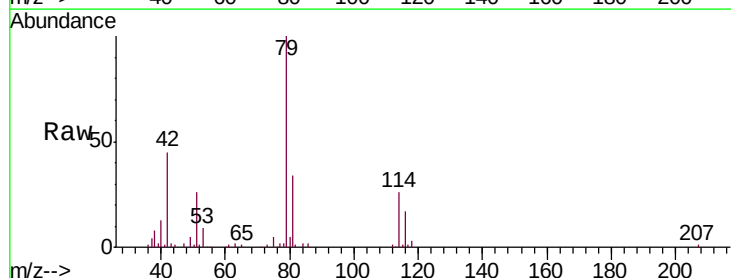
Instrument :
MSVOA_Y
ClientSampled :
MDL-SOIL-01

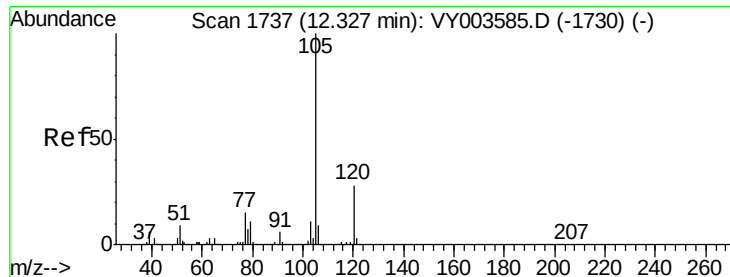
Tgt Ion: 84 Resp: 10113
Ion Ratio Lower Upper
84 100
86 64.3 45.2 84.0
49 137.5 91.5 169.9



#44
trans-1,3-Dichloropropene
Concen: 0.543 ug/L
RT: 10.44 min Scan# 1427
Delta R.T. -0.02 min
Lab File: VY003592.D
Acq: 23 Nov 2020 14:46

Tgt Ion: 75 Resp: 2596
Ion Ratio Lower Upper
75 100
77 46.4 22.9 42.5#





#60

Isopropylbenzene

Concen: 0.106 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003592.D

Acq: 23 Nov 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-01

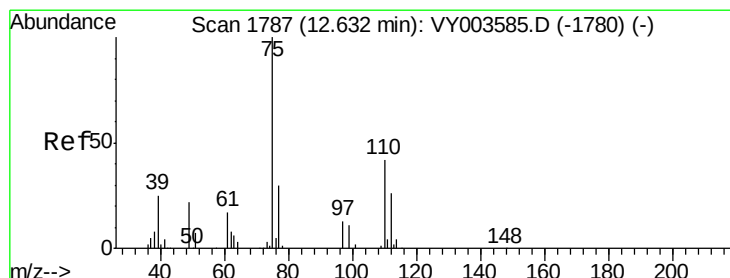
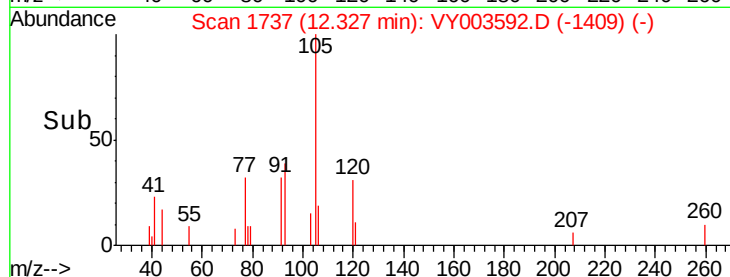
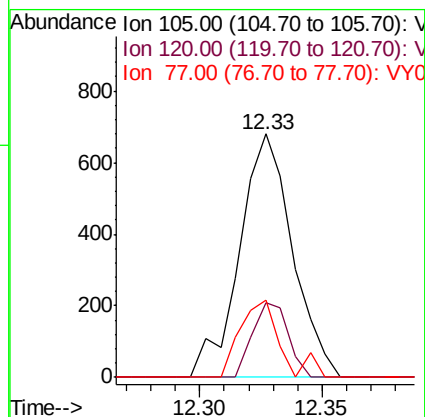
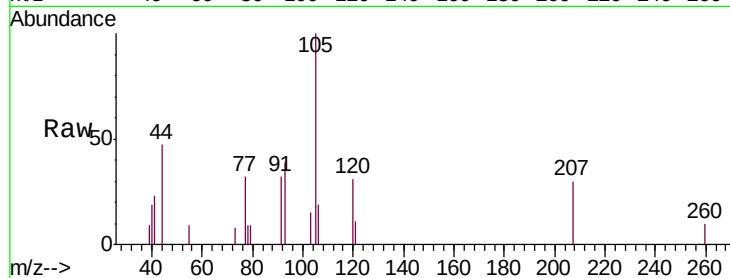
Tgt Ion: 105 Resp: 1022

Ion Ratio Lower Upper

105 100

120 20.5 21.8 32.6#

77 21.6 12.0 18.0#



#61

1,2,3-Trichloropropane

Concen: 0.074 ug/L

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY003592.D

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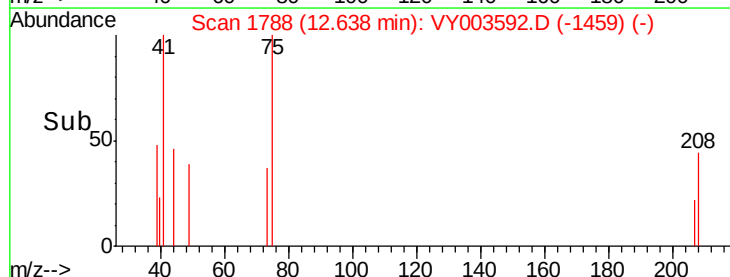
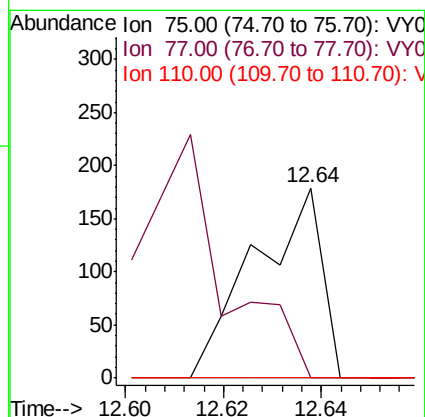
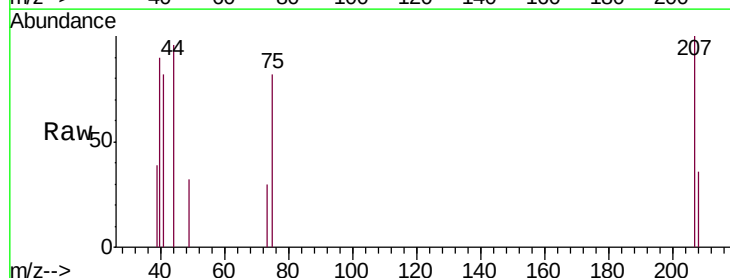
Tgt Ion: 75 Resp: 172

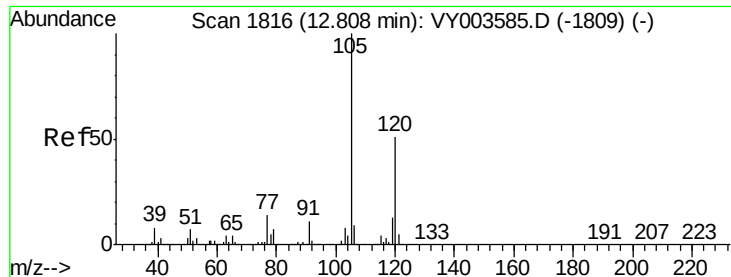
Ion Ratio Lower Upper

75 100

77 29.7 26.1 39.1

110 0.0 33.4 50.0#





#62

1,3,5-Trimethylbenzene

Concen: 0.118 ug/L

RT: 13.12 min Scan# 1867

Delta R.T. 0.31 min

Lab File: VY003592.D

Acq: 23 Nov 2020 14:46

Instrument :

MSVOA_Y

ClientSampleId :

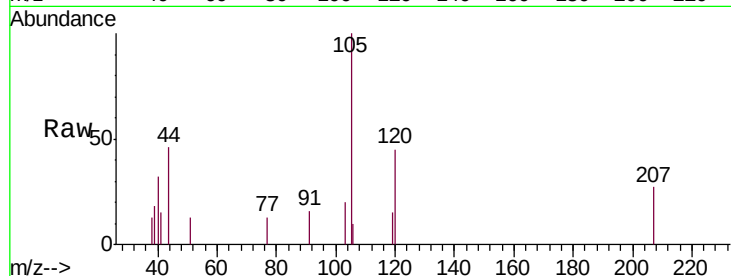
MDL-SOIL-01

Tgt Ion:105 Resp: 833

Ion Ratio Lower Upper

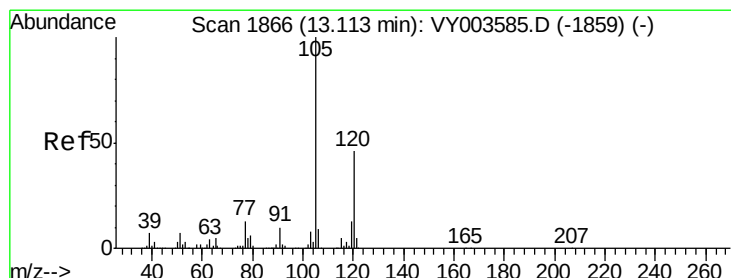
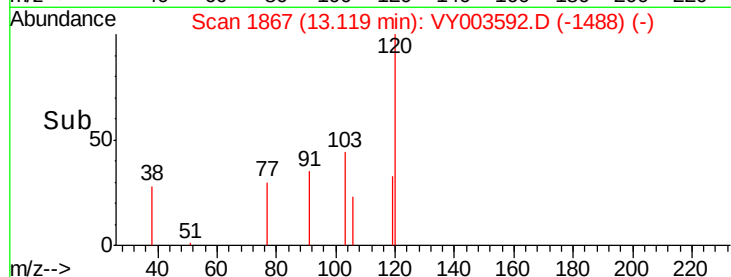
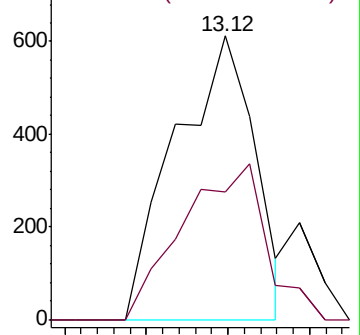
105 100

120 57.6 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: 0.085 ug/L

RT: 12.81 min Scan# 1817

Delta R.T. -0.30 min

Lab File: VY003592.D

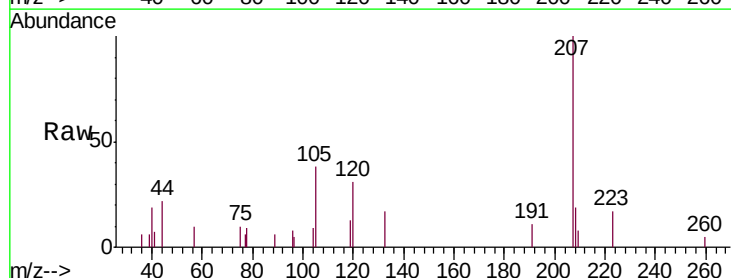
Acq: 23 Nov 2020 14:46

Tgt Ion:105 Resp: 636

Ion Ratio Lower Upper

105 100

120 39.8 38.2 57.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

