

Data File : VY003589.D
Acq On : 23 Nov 2020 13:11
Operator : SY/MD
Sample : VY1123SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK401

Quant Time: Nov 24 07:18:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM112320SMA.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	227228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	208878	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	97579	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	77238	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
7) Chloroethane-d5	2.77	69	60000	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.16%
11) 1,1-Dichloroethene-d2	3.85	63	122945	18.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.36%
21) 2-Butanone-d5	6.90	46	61941	45.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.32%
24) Chloroform-d	7.48	84	146323	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.14	65	83125	23.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.48%
32) Benzene-d6	8.11	84	314886	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
36) 1,2-Dichloropropane-d6	9.12	67	94672	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.80%
41) Toluene-d8	10.17	98	282265	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.72%
43) trans-1,3-Dichloropropene-	10.44	79	44210	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.32%
47) 2-Hexanone-d5	10.78	63	45558	44.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.82%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	75045	21.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.04%
66) 1,2-Dichlorobenzene-d4	13.72	152	81389	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

Target Compounds

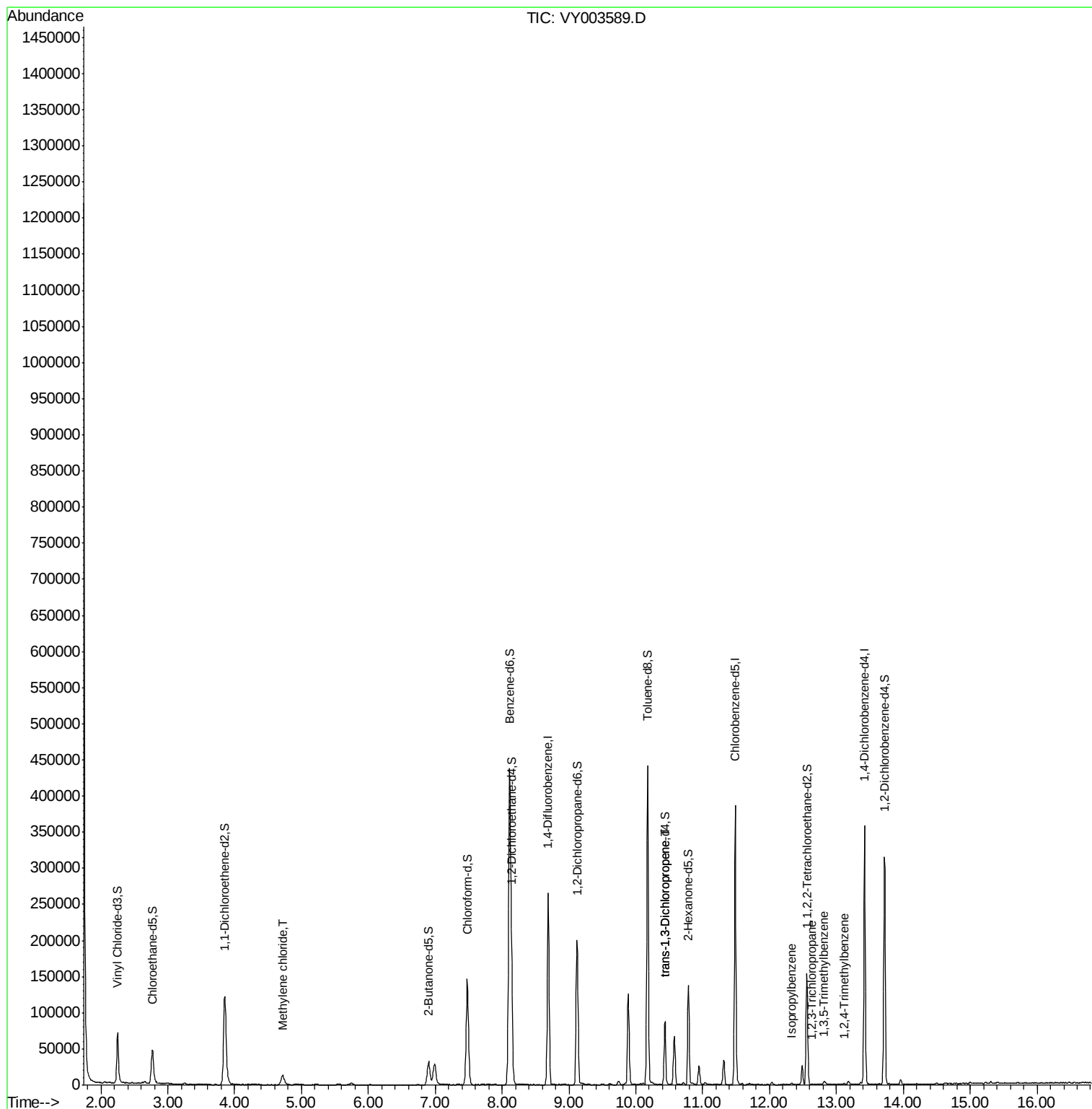
					Qvalue
16) Methylene chloride	4.71	84	10463	2.355 ug/L	85
44) trans-1,3-Dichloropropene	10.44	75	3006	0.604 ug/L	97
60) Isopropylbenzene	12.33	105	898	0.091 ug/L #	71
61) 1,2,3-Trichloropropane	12.63	75	314	0.132 ug/L #	59
62) 1,3,5-Trimethylbenzene	12.81	105	907	0.125 ug/L	86
63) 1,2,4-Trimethylbenzene	13.11	105	984	0.128 ug/L	100

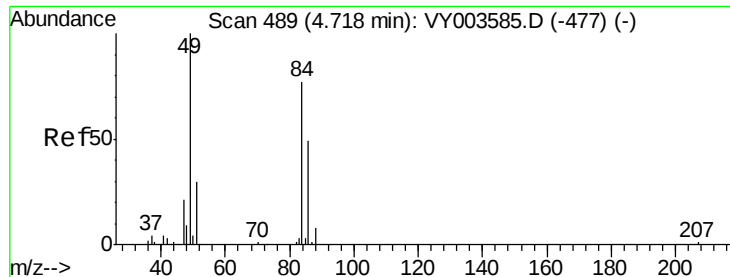
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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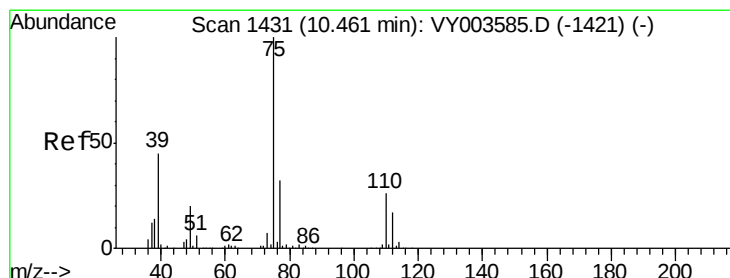
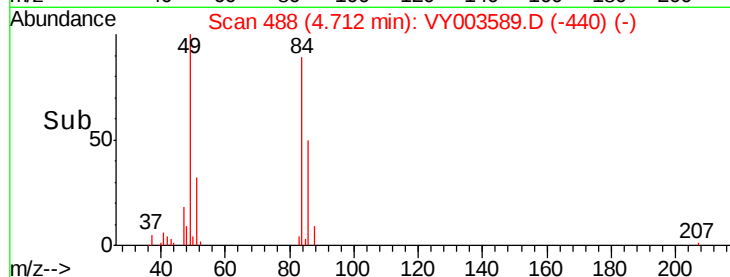
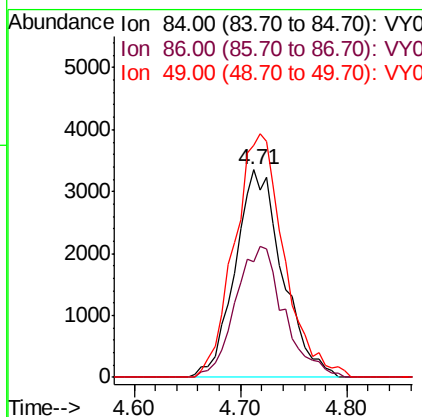
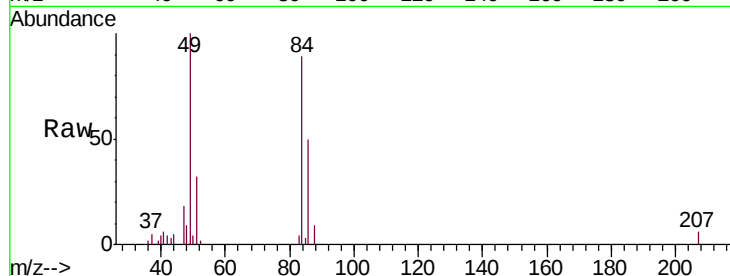




#16
Methylene chloride
Concen: 2.355 ug/L
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY003589.D
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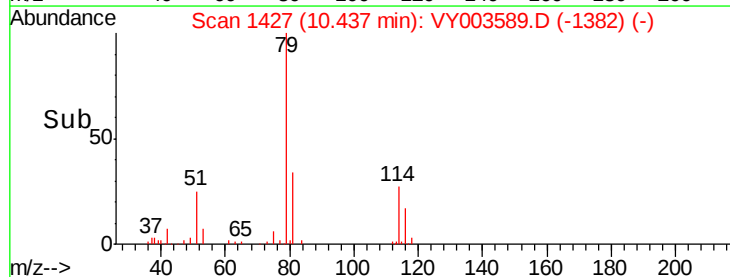
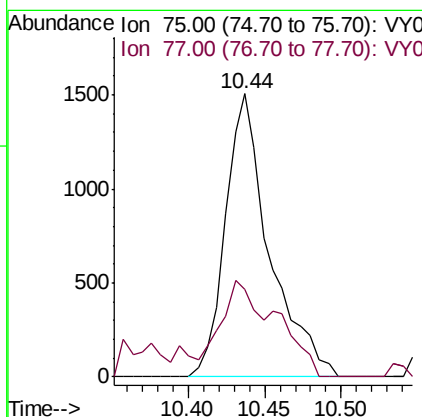
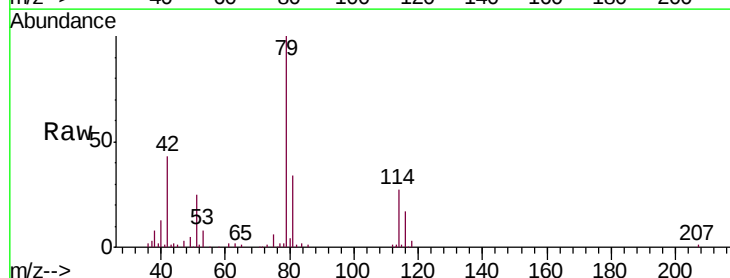
Instrument :
MSVOA_Y
ClientSampled :
VBLK401

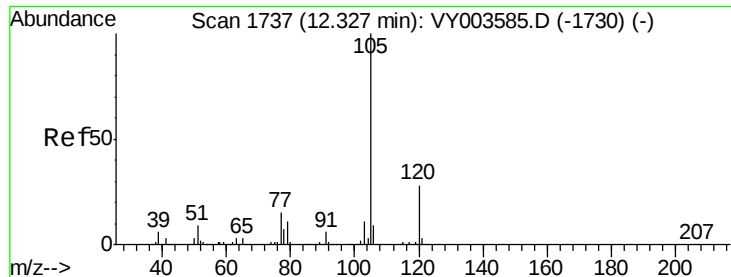
Tgt Ion: 84 Resp: 10463
Ion Ratio Lower Upper
84 100
86 55.9 45.2 84.0
49 111.7 91.5 169.9



#44
trans-1,3-Dichloropropene
Concen: 0.604 ug/L
RT: 10.44 min Scan# 1427
Delta R.T. -0.02 min
Lab File: VY003589.D
Acq: 23 Nov 2020 13:11

Tgt Ion: 75 Resp: 3006
Ion Ratio Lower Upper
75 100
77 30.9 22.9 42.5





#60

Isopropylbenzene

Concen: 0.091 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003589.D

Acq: 23 Nov 2020 13:11

Instrument :

MSVOA_Y

ClientSampled :

VBLK401

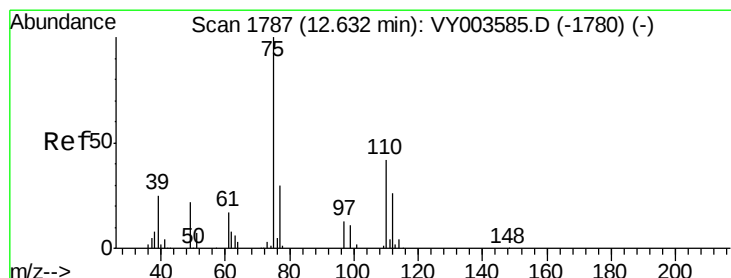
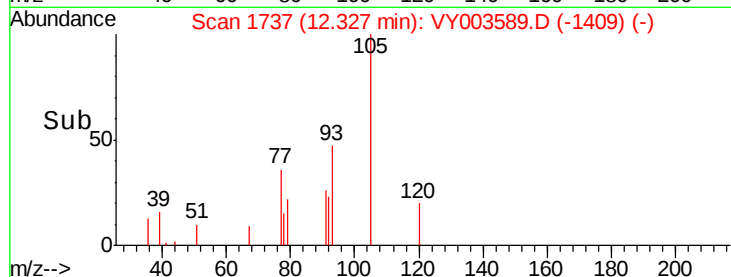
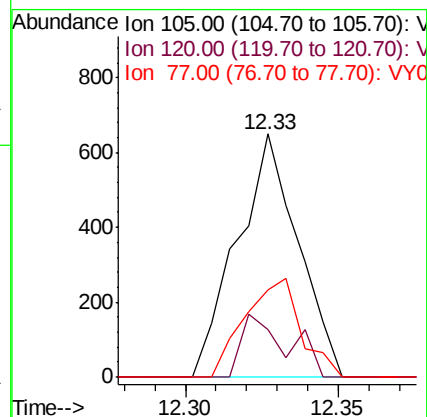
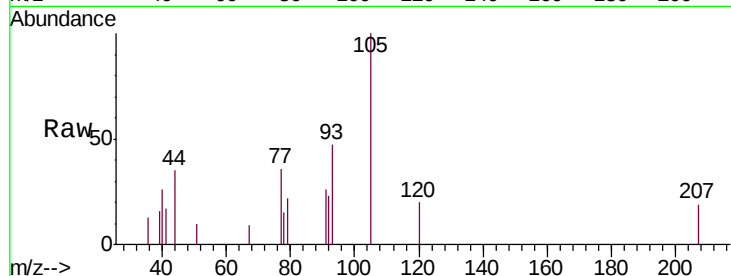
Tgt Ion: 105 Resp: 898

Ion Ratio Lower Upper

105 100

120 14.1 21.8 32.6#

77 0.0 12.0 18.0#



#61

1,2,3-Trichloropropane

Concen: 0.132 ug/L

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003589.D

Acq: 23 Nov 2020 13:11

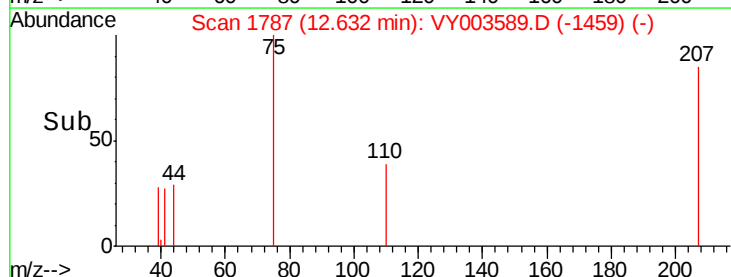
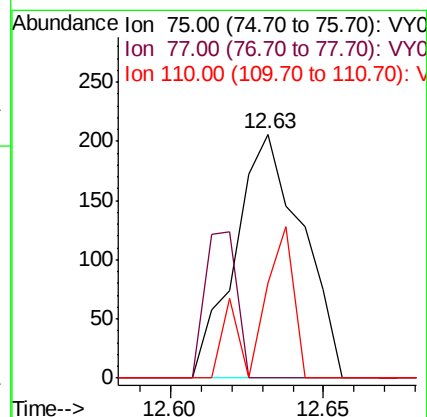
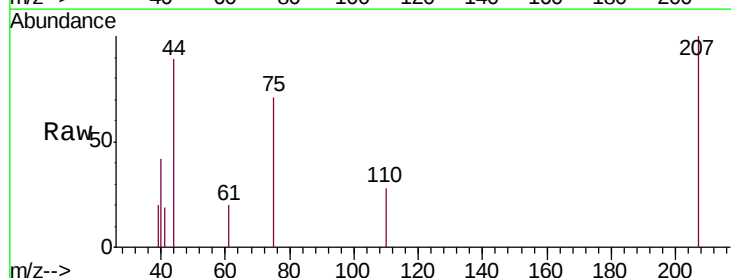
Tgt Ion: 75 Resp: 314

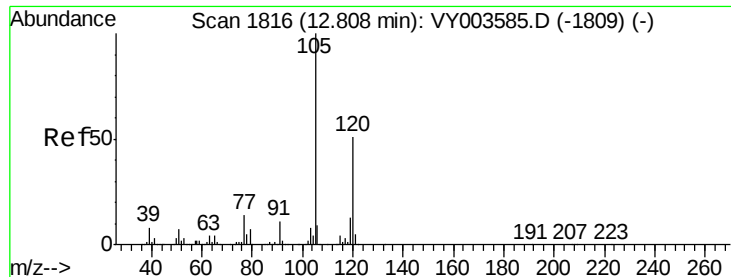
Ion Ratio Lower Upper

75 100

77 0.0 26.1 39.1#

110 24.2 33.4 50.0#

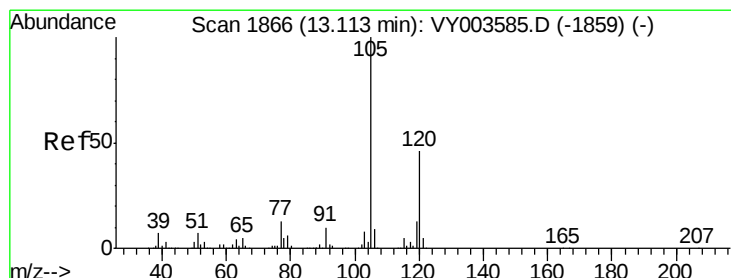
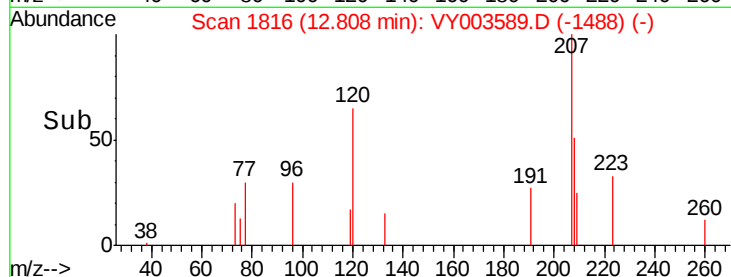
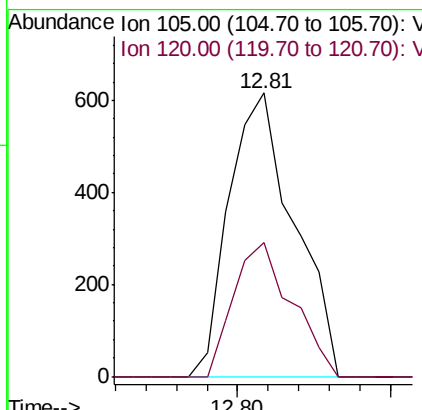
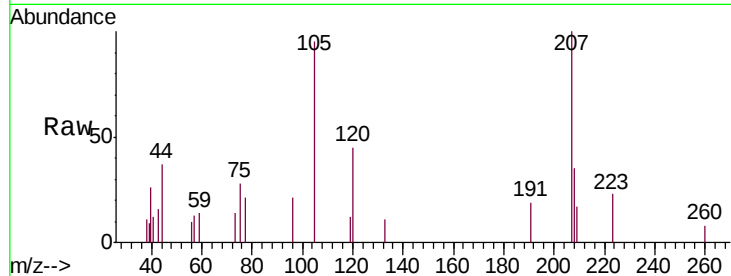




#62
 1,3,5-Trimethylbenzene
 Concen: 0.125 ug/L
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003589.D
 Acq: 23 Nov 2020 13:11

Instrument :
 MSVOA_Y
 ClientSampled :
 VBLK401

Tgt Ion:105 Resp: 907
 Ion Ratio Lower Upper
 105 100
 120 42.3 41.8 62.6



#63
 1,2,4-Trimethylbenzene
 Concen: 0.128 ug/L
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VY003589.D
 Acq: 23 Nov 2020 13:11

Tgt Ion:105 Resp: 984
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.2 57.4

