

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122920\
 Data File : VY003852.D
 Acq On : 29 Dec 2020 15:00
 Operator : SY/MD
 Sample : VY1229SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK201

Quant Time: Dec 30 07:20:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 30 07:19:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	341275	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	319975	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	176790	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	125022	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
7) Chloroethane-d5	2.77	69	105692	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
11) 1,1-Dichloroethene-d2	3.86	63	174261	17.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.96%
21) 2-Butanone-d5	6.89	46	104906	47.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.56%
24) Chloroform-d	7.48	84	219494	23.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	8.14	65	143803	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	8.11	84	428563	24.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	9.12	67	127981	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	10.18	98	407982	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	10.43	79	72057	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.36%
47) 2-Hexanone-d5	10.79	63	78685	48.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.72%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	125052	24.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.96%
66) 1,2-Dichlorobenzene-d4	13.72	152	163598	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

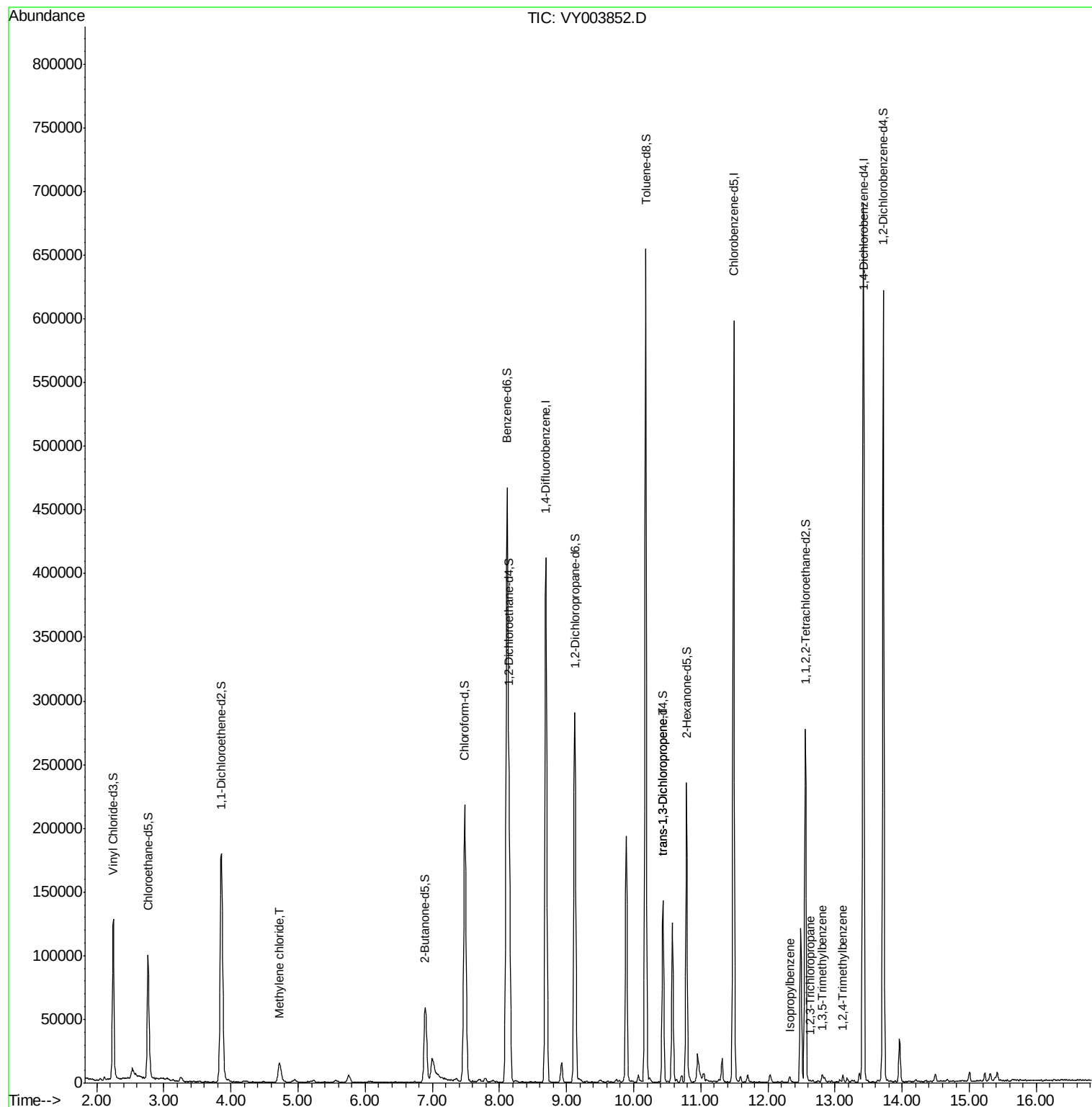
					Ovalue
16) Methylene chloride	4.73	84	10697	1.954 ug/L	97
44) trans-1,3-Dichloropropene	10.43	75	4171	0.508 ug/L	88
60) Isopropylbenzene	12.32	105	2614	0.112 ug/L #	89
61) 1,2,3-Trichloropropane	12.63	75	851	0.196 ug/L #	76
62) 1,3,5-Trimethylbenzene	12.81	105	2595	0.134 ug/L	98
63) 1,2,4-Trimethylbenzene	13.11	105	2599	0.132 ug/L	99

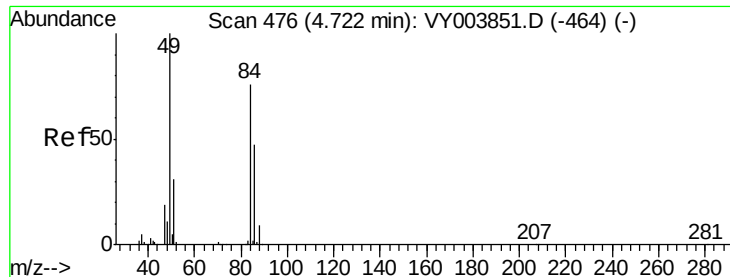
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA Y/SOIL
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Quant Title : VOC Analysis
QLast Update : Wed Dec 30 07:19:52 2020
Response via : Initial Calibration

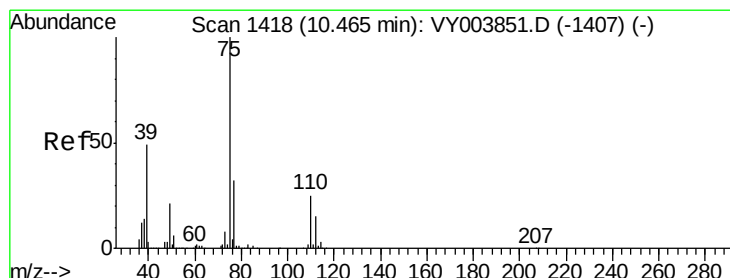
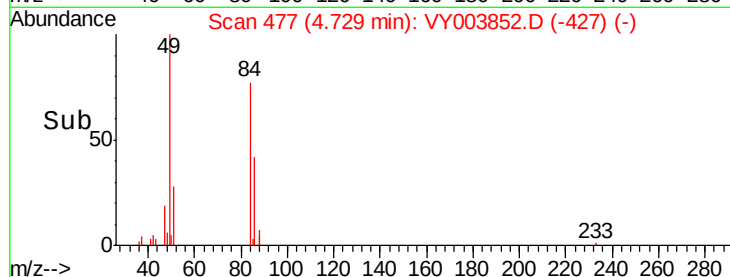
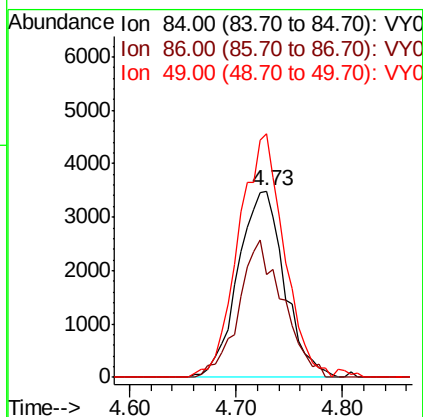
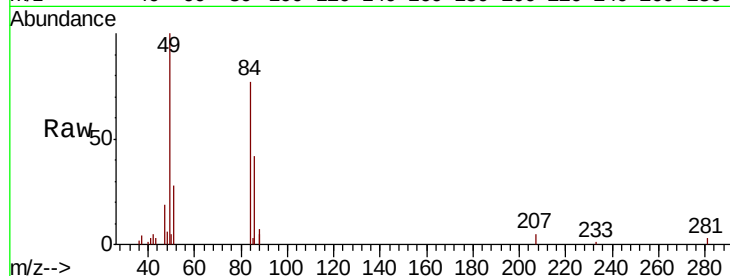




#16
Methylene chloride
Concen: 1.954 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VY003852.D
Acq: 29 Dec 2020 15:00

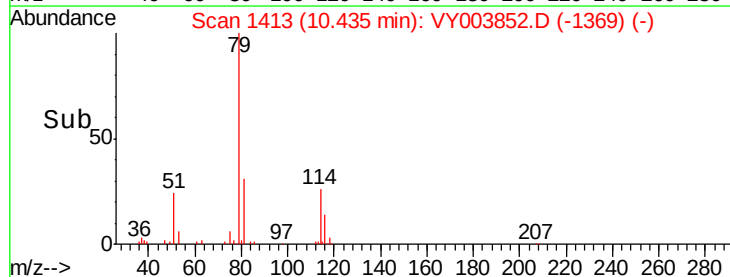
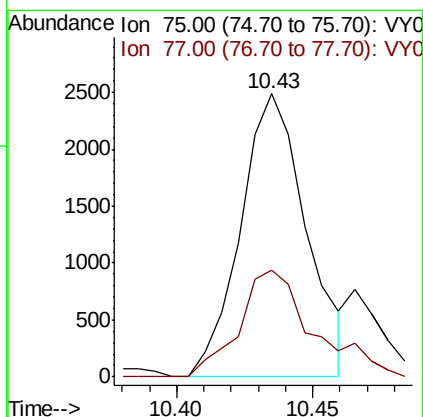
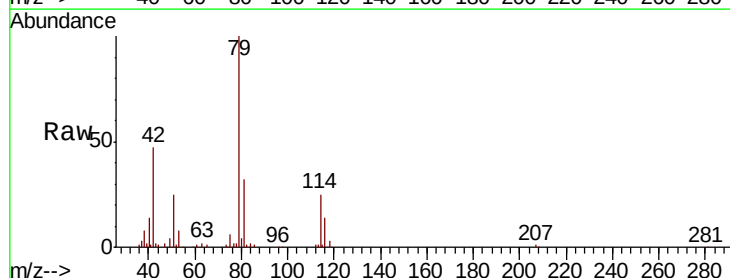
Instrument :
MSVOA_Y
ClientSampled :
VBLK201

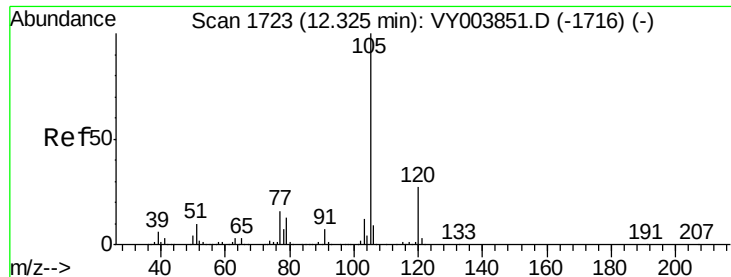
Tot Ion: 84 Resp: 10697
Ion Ratio Lower Upper
84 100
86 55.1 42.1 78.3
49 130.5 90.3 167.7



#44
trans-1,3-Dichloropropene
Concen: 0.508 ug/L
RT: 10.43 min Scan# 1413
Delta R.T. -0.03 min
Lab File: VY003852.D
Acq: 29 Dec 2020 15:00

Tgt Ion: 75 Resp: 4171
Ion Ratio Lower Upper
75 100
77 37.9 21.9 40.7





#60

Isopropylbenzene

Concen: 0.112 ug/L

RT: 12.32 min Scan# 1723

Delta R.T. 0.00 min

Lab File: VY003852.D

Acq: 29 Dec 2020 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VBLK201

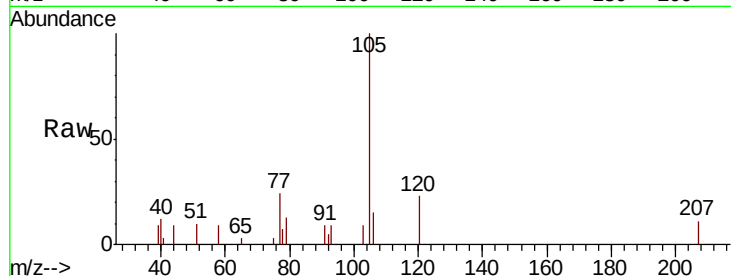
Tot Ion:105 Resp: 2614

Ion Ratio Lower Upper

105 100

120 29.8 21.7 32.5

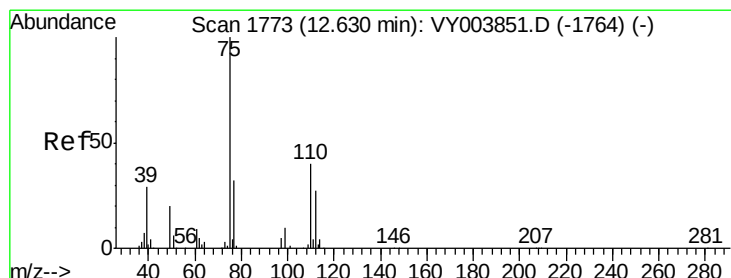
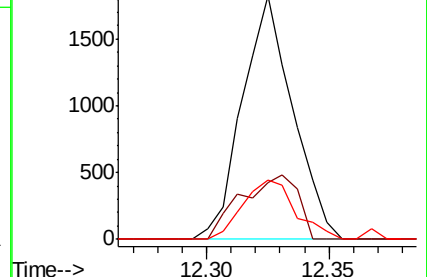
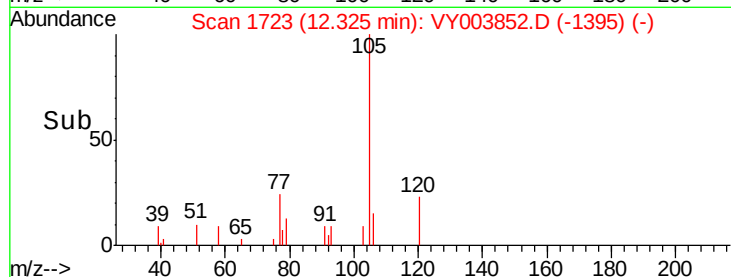
77 25.2 12.9 19.3#



Abundance Ion 105.00 (104.70 to 105.70): VY003852.D (-1716) (-)

Ion 120.00 (119.70 to 120.70): VY003852.D (-1716) (-)

Ion 77.00 (76.70 to 77.70): VY003852.D (-1716) (-)



#61

1,2,3-Trichloropropane

Concen: 0.196 ug/L

RT: 12.63 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VY003852.D

Acq: 29 Dec 2020 15:00

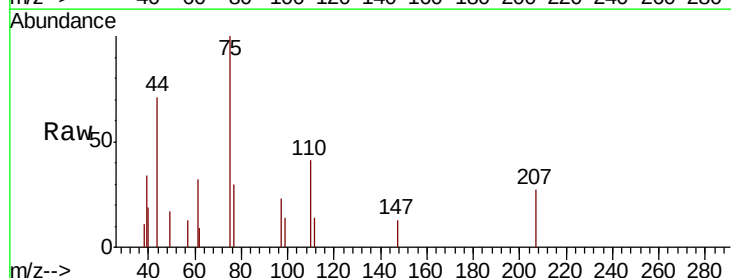
Tgt Ion: 75 Resp: 851

Ion Ratio Lower Upper

75 100

77 10.8 26.2 39.4#

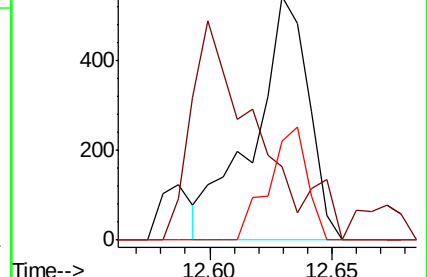
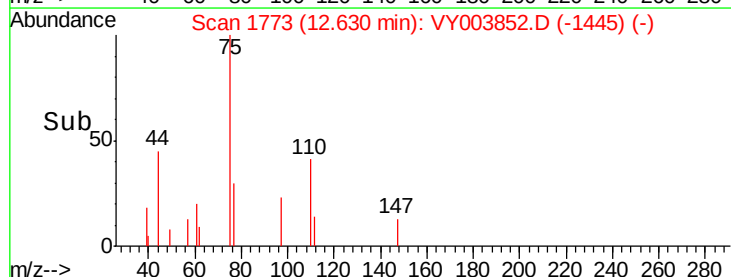
110 32.8 32.4 48.6

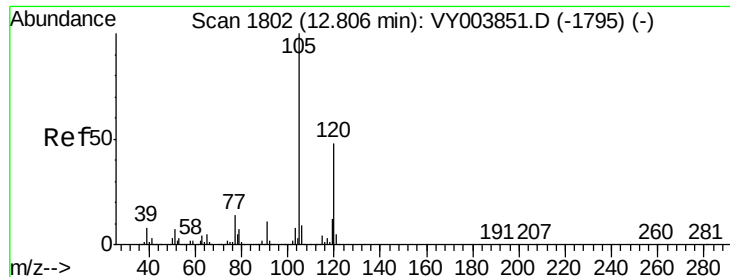


Abundance Ion 75.00 (74.70 to 75.70): VY003852.D (-1764) (-)

Ion 77.00 (76.70 to 77.70): VY003852.D (-1764) (-)

Ion 110.00 (109.70 to 110.70): VY003852.D (-1764) (-)

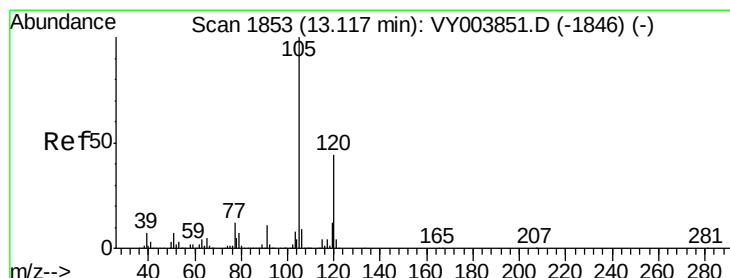
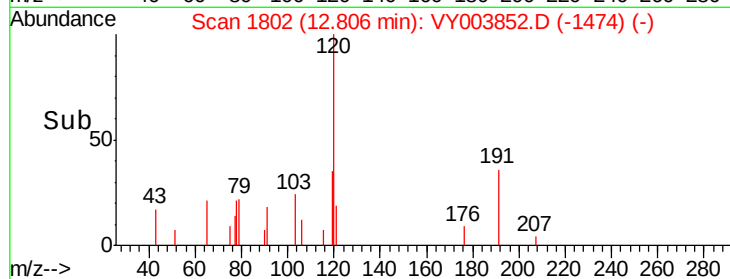
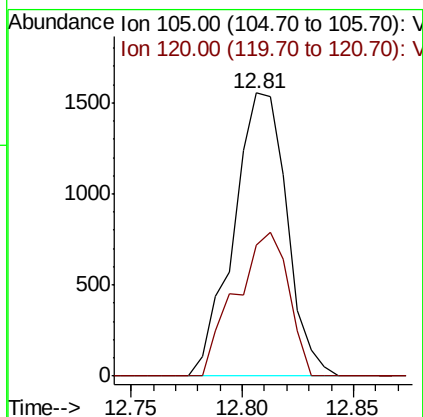
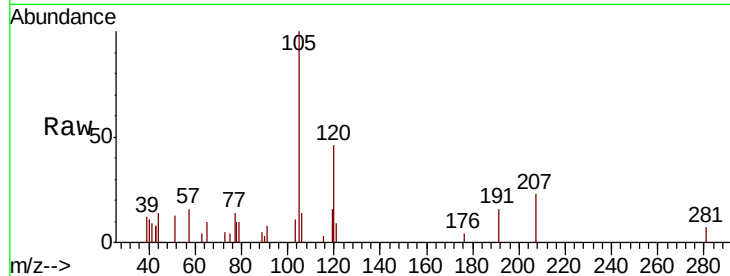




#62
 1,3,5-Trimethylbenzene
 Concen: 0.134 ug/L
 RT: 12.81 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VY003852.D
 Acq: 29 Dec 2020 15:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK201

Tot Ion:105 Resp: 2595
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.132 ug/L
 RT: 13.11 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: VY003852.D
 Acq: 29 Dec 2020 15:00

Tgt Ion:105 Resp: 2599
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.5 54.7

