

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122220\
 Data File : VY003831.D
 Acq On : 22 Dec 2020 10:58
 Operator : SY/MD
 Sample : VY1222SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK430

Quant Time: Dec 23 00:30:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 00:29:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	275173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	259271	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	133892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	56513	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.88%
7) Chloroethane-d5	2.77	69	51425	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
11) 1,1-Dichloroethene-d2	3.86	63	92532	15.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.44%
21) 2-Butanone-d5	6.90	46	63617	45.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.52%
24) Chloroform-d	7.48	84	143859	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.14	65	83755	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	8.12	84	301451	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	9.12	67	88900	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
41) Toluene-d8	10.18	98	276306	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.68%
43) trans-1,3-Dichloropropene-	10.43	79	43792	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.64%
47) 2-Hexanone-d5	10.79	63	52693	47.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.46%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	88756	24.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.52%
66) 1,2-Dichlorobenzene-d4	13.72	152	112428	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds

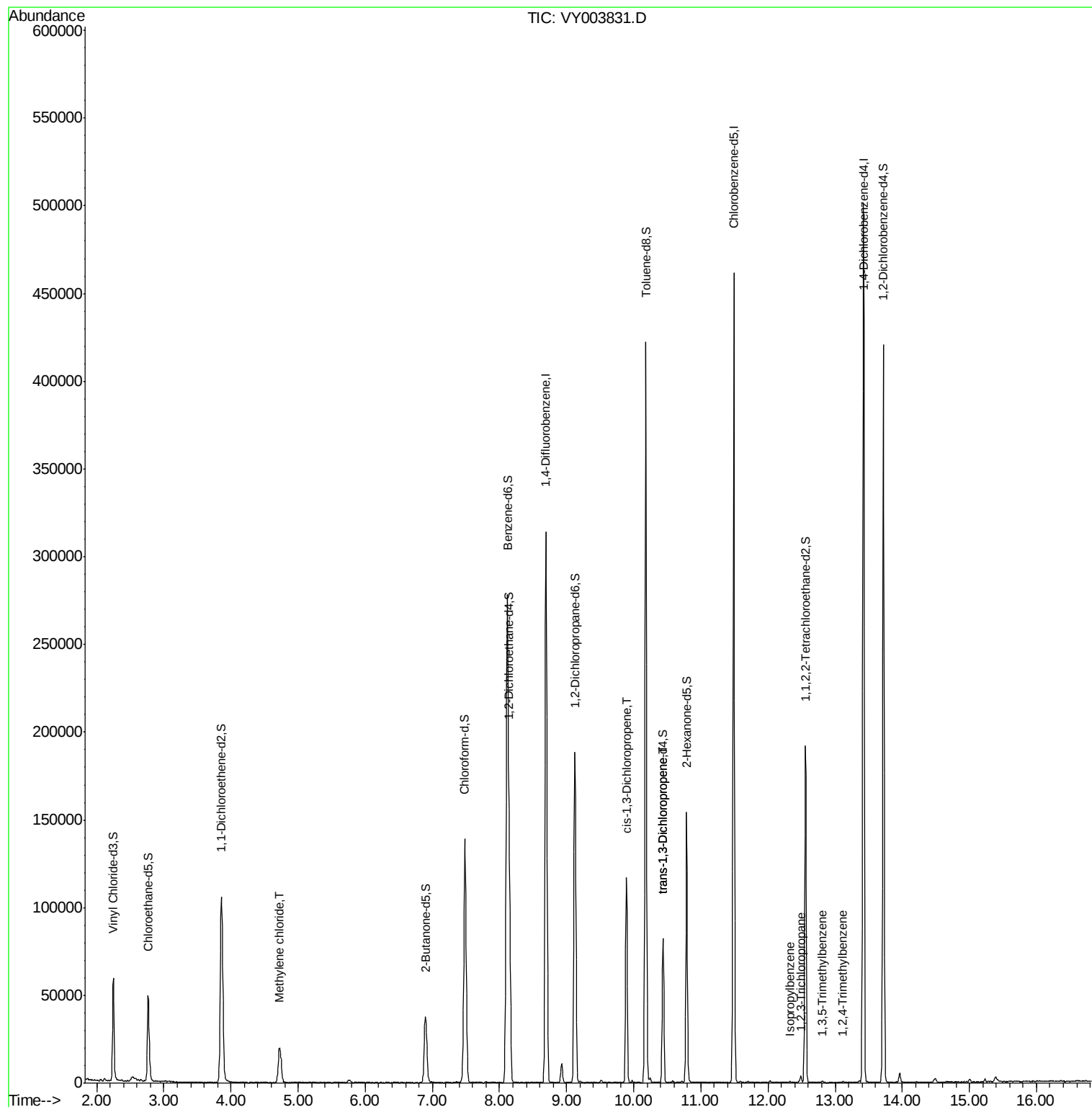
					Ovalue
16) Methylene chloride	4.72	84	16099	3.346 ug/L	91
39) cis-1,3-Dichloropropene	9.89	75	3230	0.559 ug/L #	61
44) trans-1,3-Dichloropropene	10.43	75	2260	0.420 ug/L	93
60) Isopropylbenzene	12.33	105	661	0.041 ug/L #	89
61) 1,2,3-Trichloropropane	12.48	75	50	0.017 ug/L #	36
62) 1,3,5-Trimethylbenzene	12.81	105	540	0.042 ug/L #	71
63) 1,2,4-Trimethylbenzene	13.12	105	538	0.042 ug/L #	80

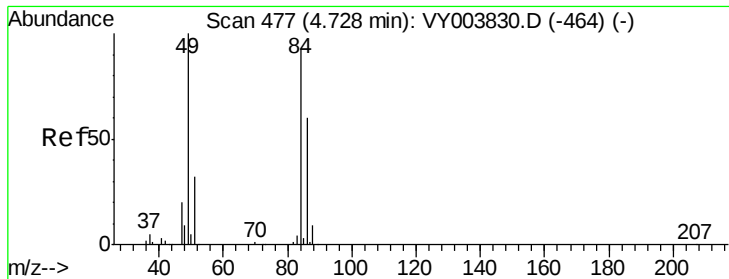
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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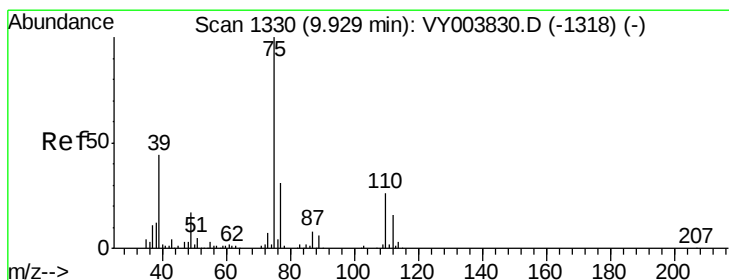
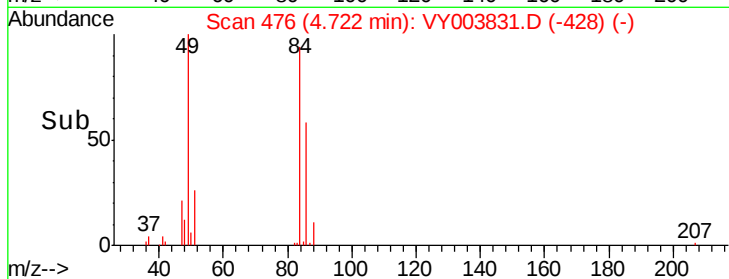
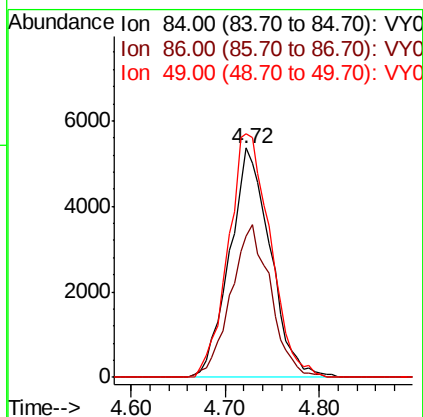
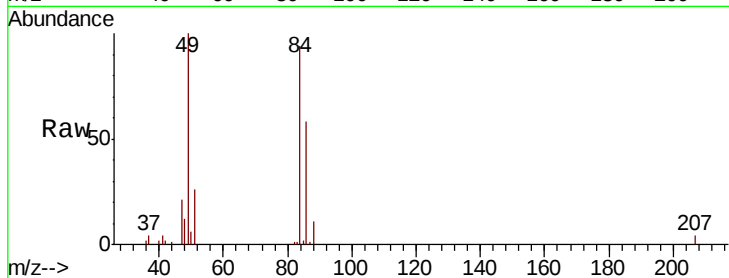




#16
Methvlene chloride
Concen: 3.346 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003831.D
Acq: 22 Dec 2020 10:58

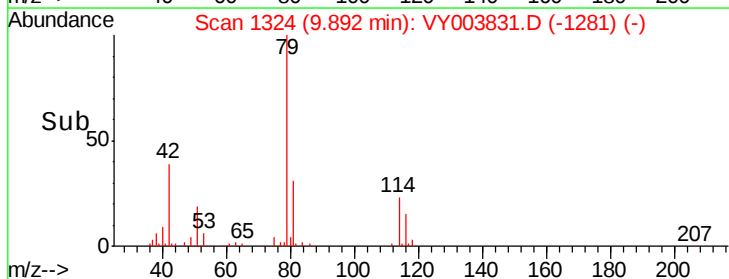
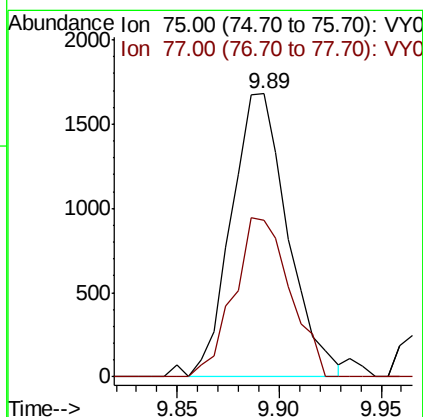
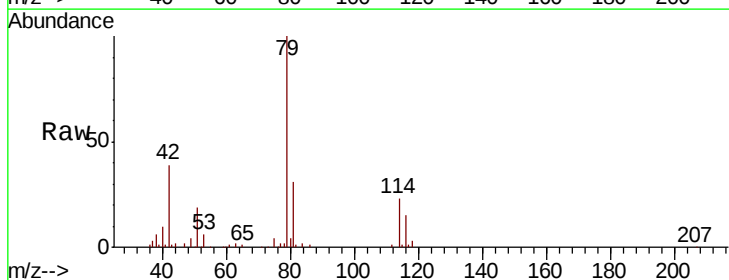
Instrument :
MSVOA_Y
ClientSampleId :
VBLK430

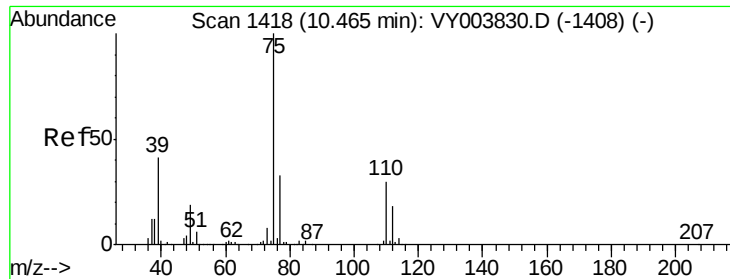
Tot Ion: 84 Resp: 16099
Ion Ratio Lower Upper
84 100
86 61.4 45.2 84.0
49 106.4 83.1 154.3



#39
cis-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003831.D
Acq: 22 Dec 2020 10:58

Tgt Ion: 75 Resp: 3230
Ion Ratio Lower Upper
75 100
77 55.3 23.2 43.2#





#44

trans-1,3-Dichloropropene

Concen: 0.420 ug/L

RT: 10.43 min Scan# 1413

Delta R.T. -0.03 min

Lab File: VY003831.D

Acq: 22 Dec 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

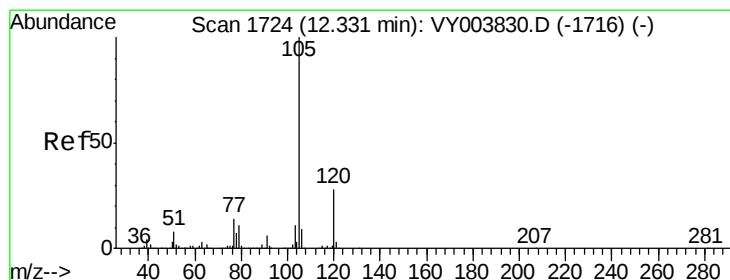
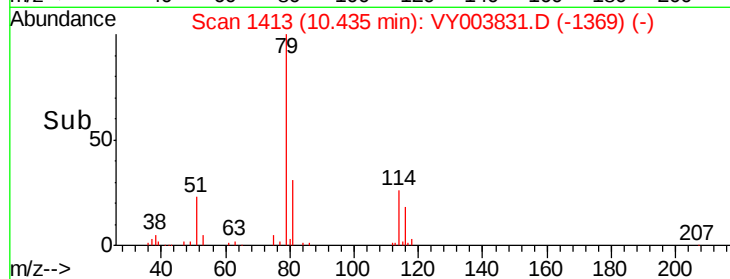
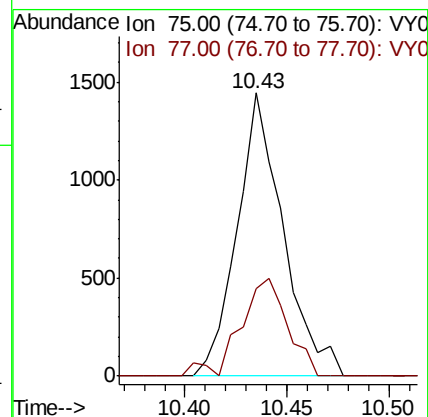
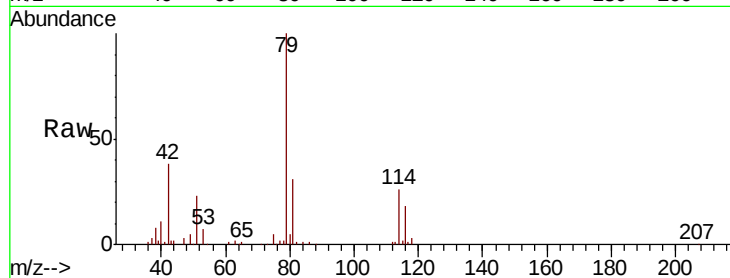
VBLK430

Tot Ion: 75 Resp: 2260

Ion Ratio Lower Upper

75 100

77 31.0 24.7 45.9



#60

Isopropylbenzene

Concen: 0.041 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. 0.00 min

Lab File: VY003831.D

Acq: 22 Dec 2020 10:58

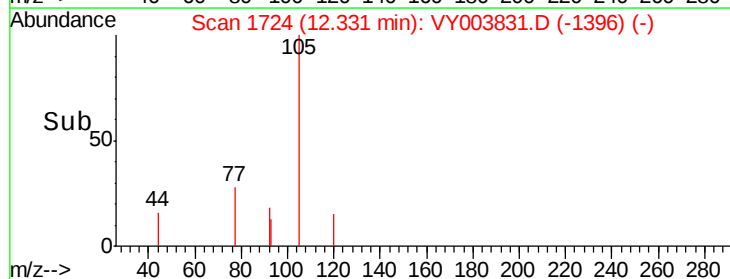
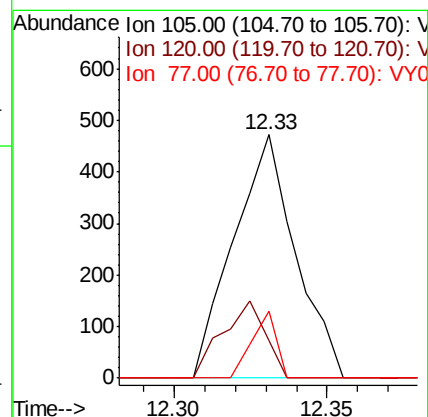
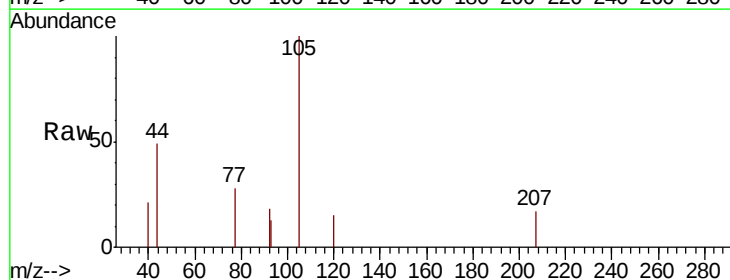
Tgt Ion: 105 Resp: 661

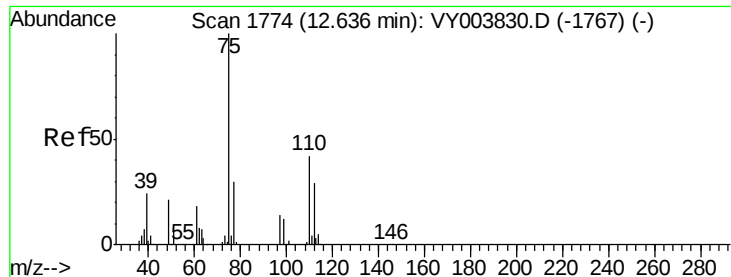
Ion Ratio Lower Upper

105 100

120 21.9 22.6 33.8#

77 10.9 11.9 17.9#

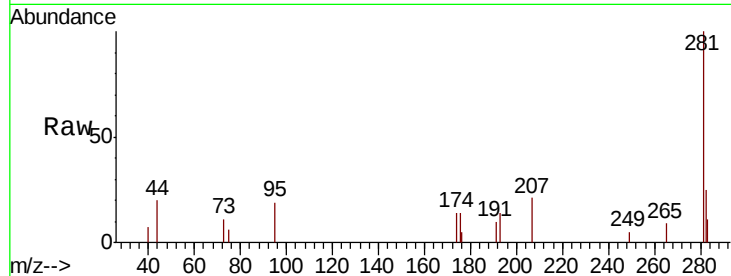




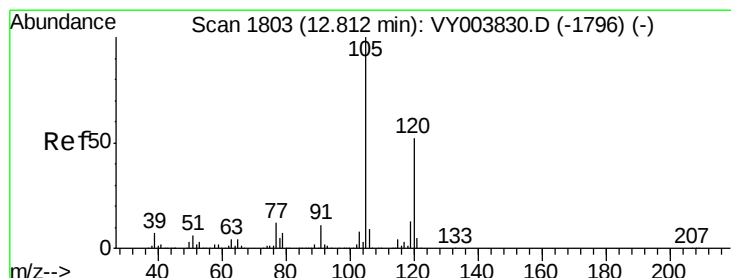
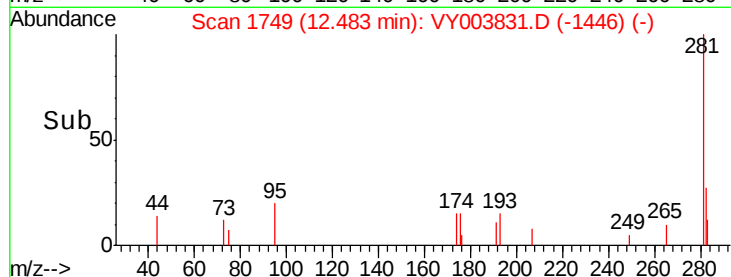
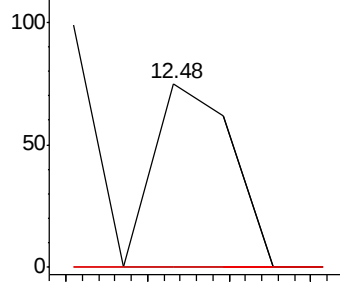
#61
 1,2,3-Trichloropropane
 Concen: 0.017 ug/L
 RT: 12.48 min Scan# 1749
 Delta R.T. -0.15 min
 Lab File: VY003831.D
 Acq: 22 Dec 2020 10:58

Instrument :
 MSVOA_Y
 ClientSampled :
 VBLK430

Tot Ion: 75 Resp: 50
 Ion Ratio Lower Upper
 75 100
 77 0.0 29.0 43.6#
 110 0.0 33.3 49.9#

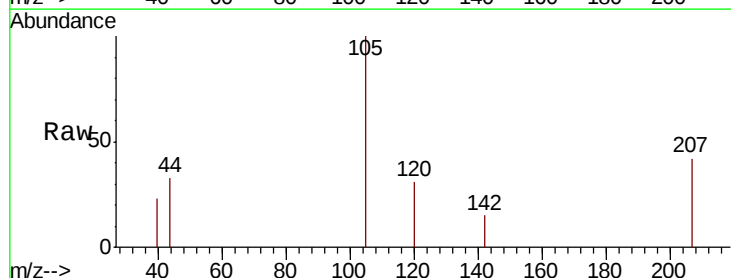


Abundance Ion 75.00 (74.70 to 75.70): VY0
 Ion 77.00 (76.70 to 77.70): VY0
 Ion 110.00 (109.70 to 110.70): V

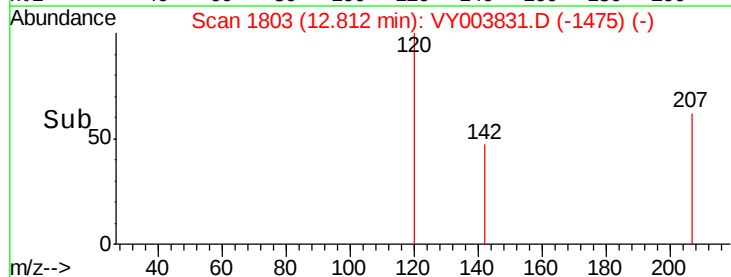
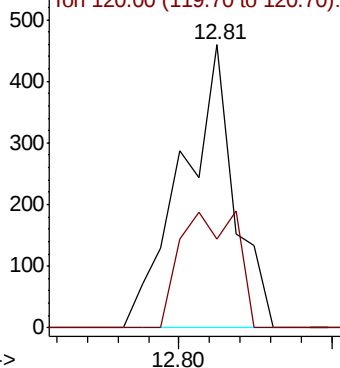


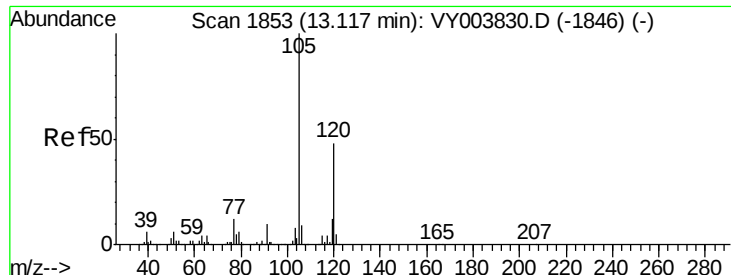
#62
 1,3,5-Trimethylbenzene
 Concen: 0.042 ug/L
 RT: 12.81 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VY003831.D
 Acq: 22 Dec 2020 10:58

Tgt Ion: 105 Resp: 540
 Ion Ratio Lower Upper
 105 100
 120 32.2 42.2 63.2#



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: 0.042 ug/L

RT: 13.12 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VY003831.D

Acq: 22 Dec 2020 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VBLK430

Tot Ion:105 Resp: 538

Ion Ratio Lower Upper

105 100

120 34.9 39.0 58.6#

