Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122920\
Data File : VY003854.D
Acq On : 29 Dec 2020 15:46
Operator : SY/MD
Sample : VY1229SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK203

Quant Time: Dec 30 07:20:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.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	398693	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	375569	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	200586	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	133946	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.44%			
7) Chloroethane-d5	2.77	69	116176	21.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.08%			
11) 1,1-Dichloroethene-d2	3.86	63	190645	16.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.52%			
21) 2-Butanone-d5	6.89	46	118041	46.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.04%			
24) Chloroform-d	7.48	84	240350	21.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.32%			
26) 1,2-Dichloroethane-d4	8.14	65	156802	22.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.44%			
32) Benzene-d6	8.11	84	480272	23.00	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	9.12	67	146046	23.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.84%			
41) Toluene-d8	10.18	98	449692	22.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	10.43	79	77199	22.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.88%			
47) 2-Hexanone-d5	10.79	63	88296	46.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.46%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	139895	23.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.40%			
66) 1,2-Dichlorobenzene-d4	13.72	152	177864	24.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.04%			
Target Compounds						Qvalue
16) Methylene chloride	4.73	84	12274	1.919	ug/L	92
44) trans-1,3-Dichloropropene	10.43	75	4609	0.478	ug/L #	70
60) Isopropylbenzene	12.32	105	1398	0.053	ug/L #	94
61) 1,2,3-Trichloropropane	12.63	75	481	0.098	ug/L #	72
62) 1,3,5-Trimethylbenzene	12.81	105	1326	0.060	ug/L	91
63) 1,2,4-Trimethylbenzene	13.12	105	1653	0.074	ug/L #	86

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

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Operator : SY/MD
Sample : VY1229SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK203

Quant Time: Dec 30 07:20:47 2020
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Quant Title : VOC Analysis
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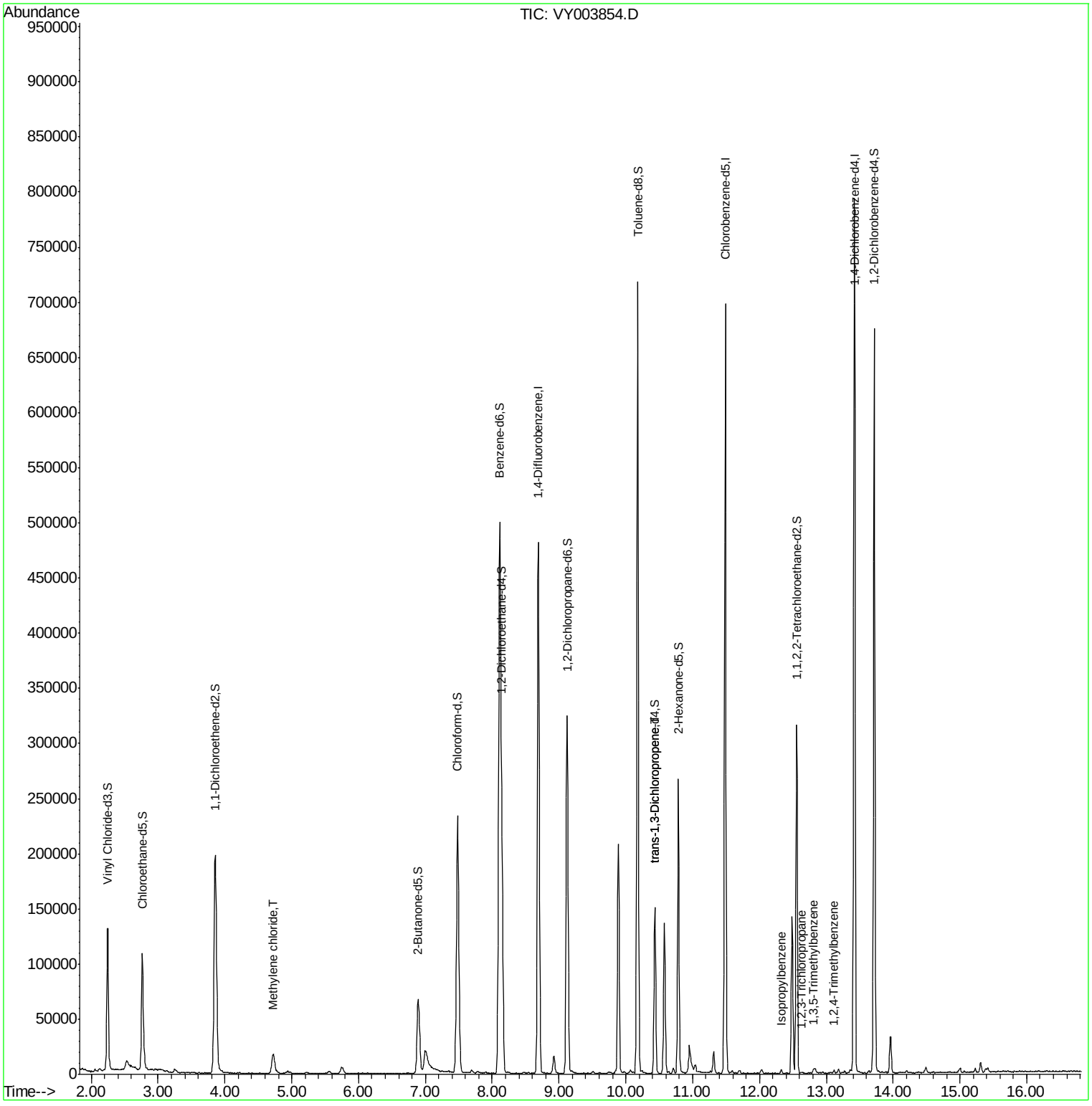
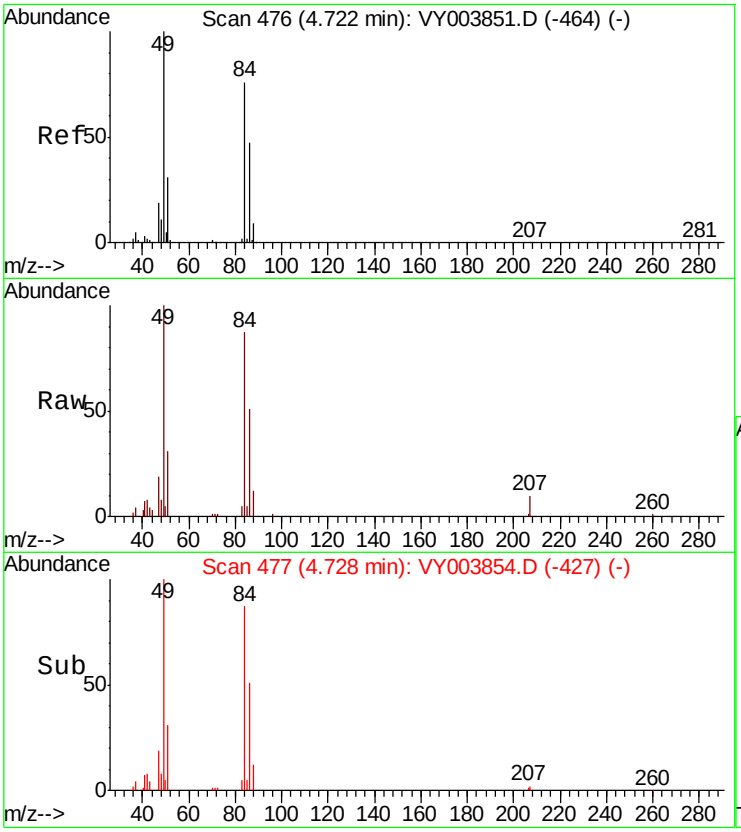


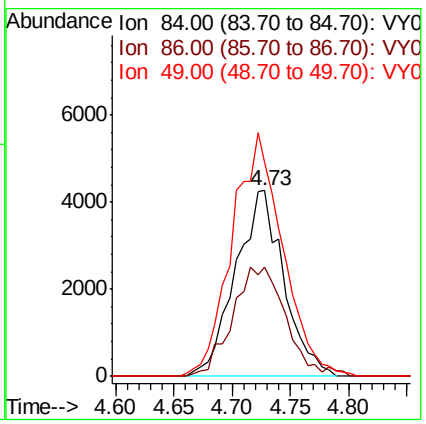


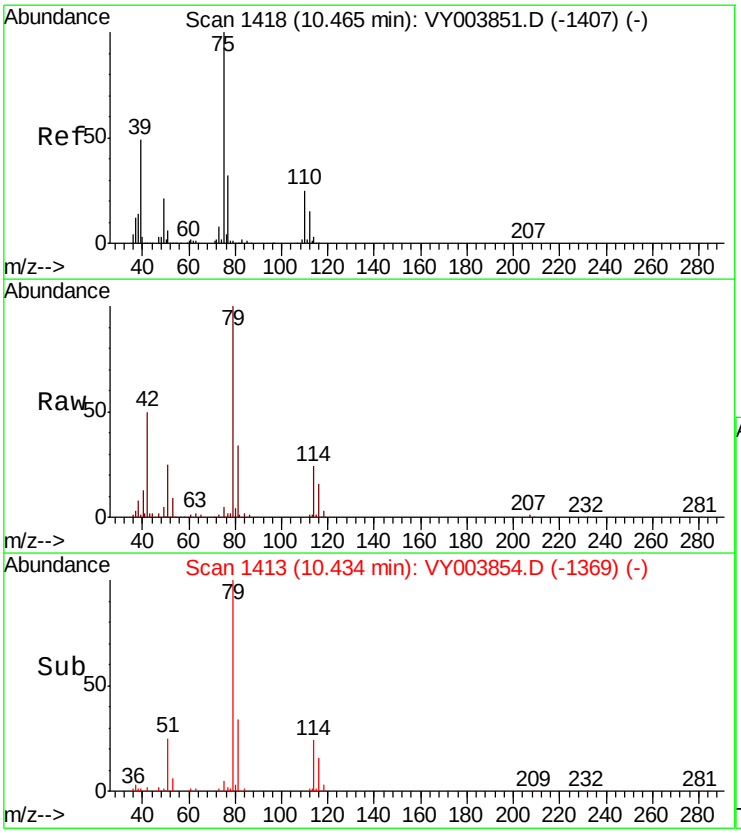
#16
Methylene chloride
Concen: 1.919 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VY003854.D
Acq: 29 Dec 2020 15:46

Instrument : MSVOA_Y
ClientSampleId : VBLK203

Tgt Ion: 84 Resp: 12274

Ion	Ratio	Lower	Upper
84	100		
86	59.1	42.1	78.3
49	115.4	90.3	167.7

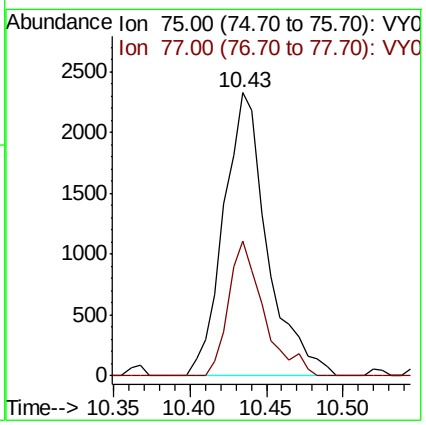


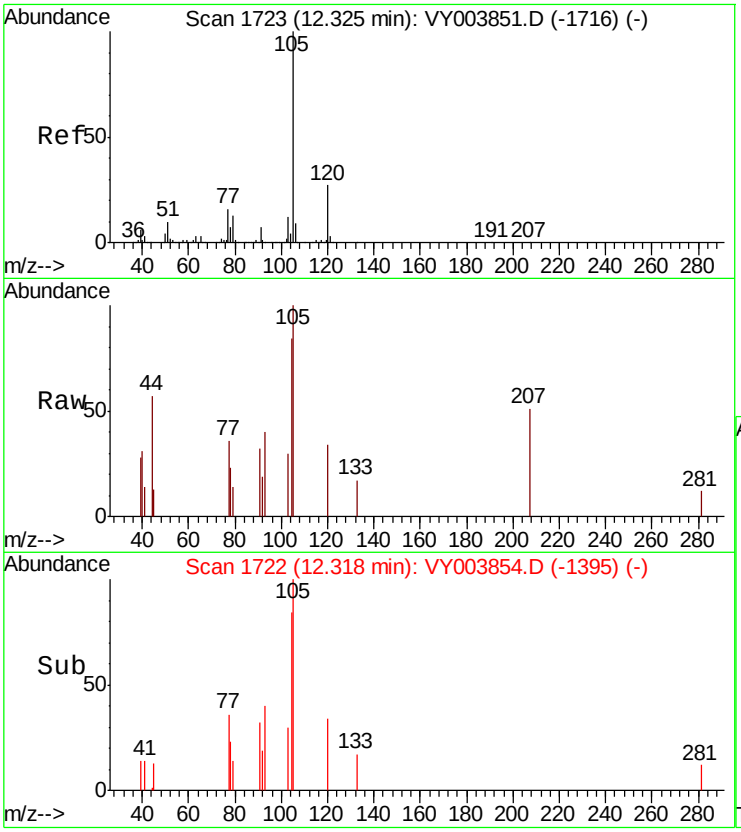


#44
trans-1,3-Dichloropropene
Concen: 0.478 ug/L
RT: 10.43 min Scan# 1413
Delta R.T. -0.03 min
Lab File: VY003854.D
Acq: 29 Dec 2020 15:46

Tgt Ion: 75 Resp: 4609

Ion	Ratio	Lower	Upper
75	100		
77	47.8	21.9	40.7#



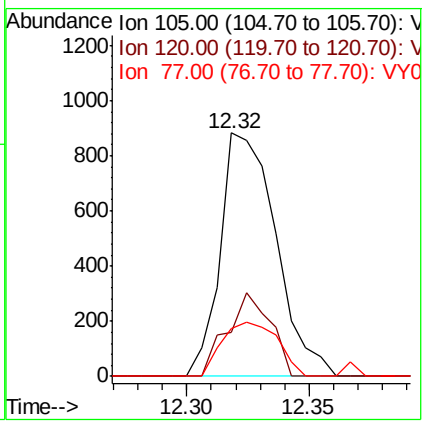


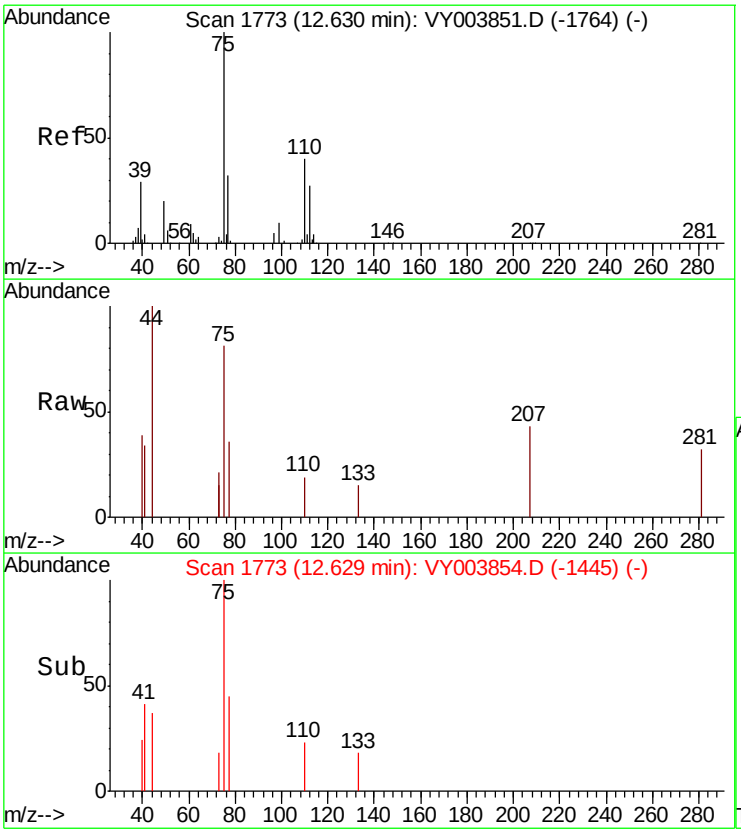
#60
Isopropylbenzene
Concen: 0.053 ug/L
RT: 12.32 min Scan# 1722
Delta R.T. -0.01 min
Lab File: VY003854.D
Acq: 29 Dec 2020 15:46

Instrument : MSVOA_Y
ClientSampleId : VBLK203

Tgt Ion:105 Resp: 1398

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.7	32.5
77	22.5	12.9	19.3#

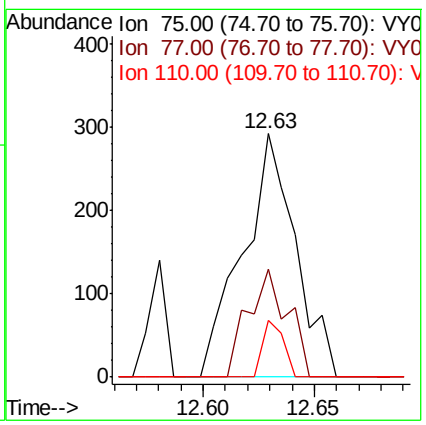


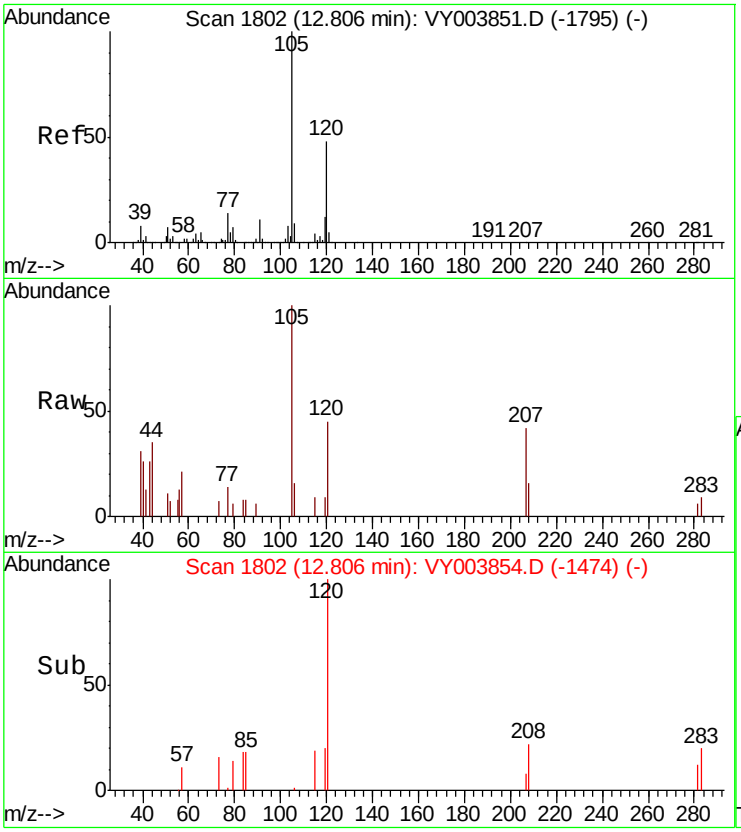


#61
1,2,3-Trichloropropane
Concen: 0.098 ug/L
RT: 12.63 min Scan# 1773
Delta R.T. -0.00 min
Lab File: VY003854.D
Acq: 29 Dec 2020 15:46

Tgt Ion: 75 Resp: 481

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.2	39.4
110	9.1	32.4	48.6#



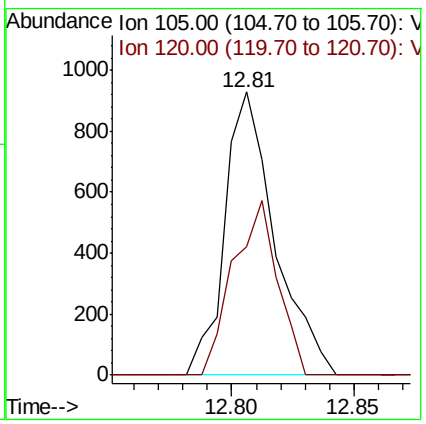


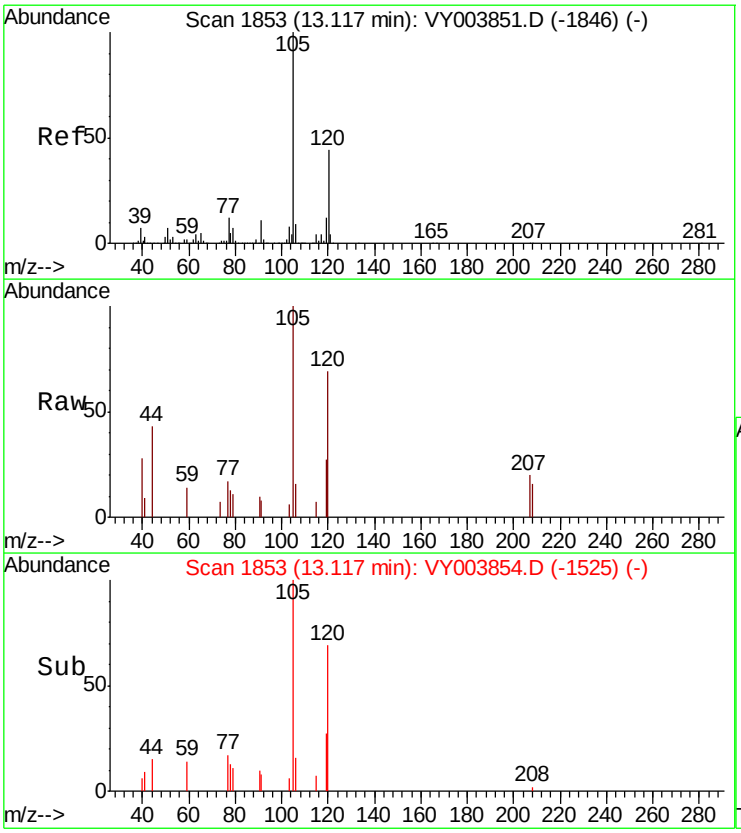
#62
1,3,5-Trimethylbenzene
Concen: 0.060 ug/L
RT: 12.81 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VY003854.D
Acq: 29 Dec 2020 15:46

Instrument :
MSVOA_Y
ClientSampleId :
VBLK203

Tgt Ion:105 Resp: 1326

Ion	Ratio	Lower	Upper
105	100		
120	54.9	39.0	58.4





#63
1,2,4-Trimethylbenzene
Concen: 0.074 ug/L
RT: 13.12 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VY003854.D
Acq: 29 Dec 2020 15:46

Tgt Ion:105 Resp: 1653

Ion	Ratio	Lower	Upper
105	100		
120	54.8	36.5	54.7#