Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY123020\
Data File : VY003861.D
Acq On : 30 Dec 2020 12:12
Operator : SY/MD
Sample : VY1230SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 31 03:18:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 31 03:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	336584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	319510	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	170881	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	99041	17.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.60%			
7) Chloroethane-d5	2.77	69	87204	19.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.40%			
11) 1,1-Dichloroethene-d2	3.86	63	130706	13.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.20%			
21) 2-Butanone-d5	6.89	46	101915	47.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.12%			
24) Chloroform-d	7.48	84	190287	20.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.88%			
26) 1,2-Dichloroethane-d4	8.14	65	127332	21.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	8.11	84	358855	20.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.80%			
36) 1,2-Dichloropropane-d6	9.12	67	114552	21.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.44%			
41) Toluene-d8	10.18	98	325808	19.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.48%			
43) trans-1,3-Dichloropropene-	10.43	79	59619	20.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.68%			
47) 2-Hexanone-d5	10.78	63	74627	45.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.86%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	114270	22.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.72%			
66) 1,2-Dichlorobenzene-d4	13.71	152	137686	22.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
16) Methylene chloride	4.72	84	11480	2.127	ug/L	94
39) cis-1,3-Dichloropropene	9.89	75	5257	0.619	ug/L	95
44) trans-1,3-Dichloropropene	10.43	75	3404	0.415	ug/L	100
60) Isopropylbenzene	12.33	105	2223	0.098	ug/L	91
61) 1,2,3-Trichloropropane	12.64	75	257	0.061	ug/L #	18
62) 1,3,5-Trimethylbenzene	12.80	105	1873	0.100	ug/L	98
63) 1,2,4-Trimethylbenzene	13.12	105	2171	0.114	ug/L	95

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

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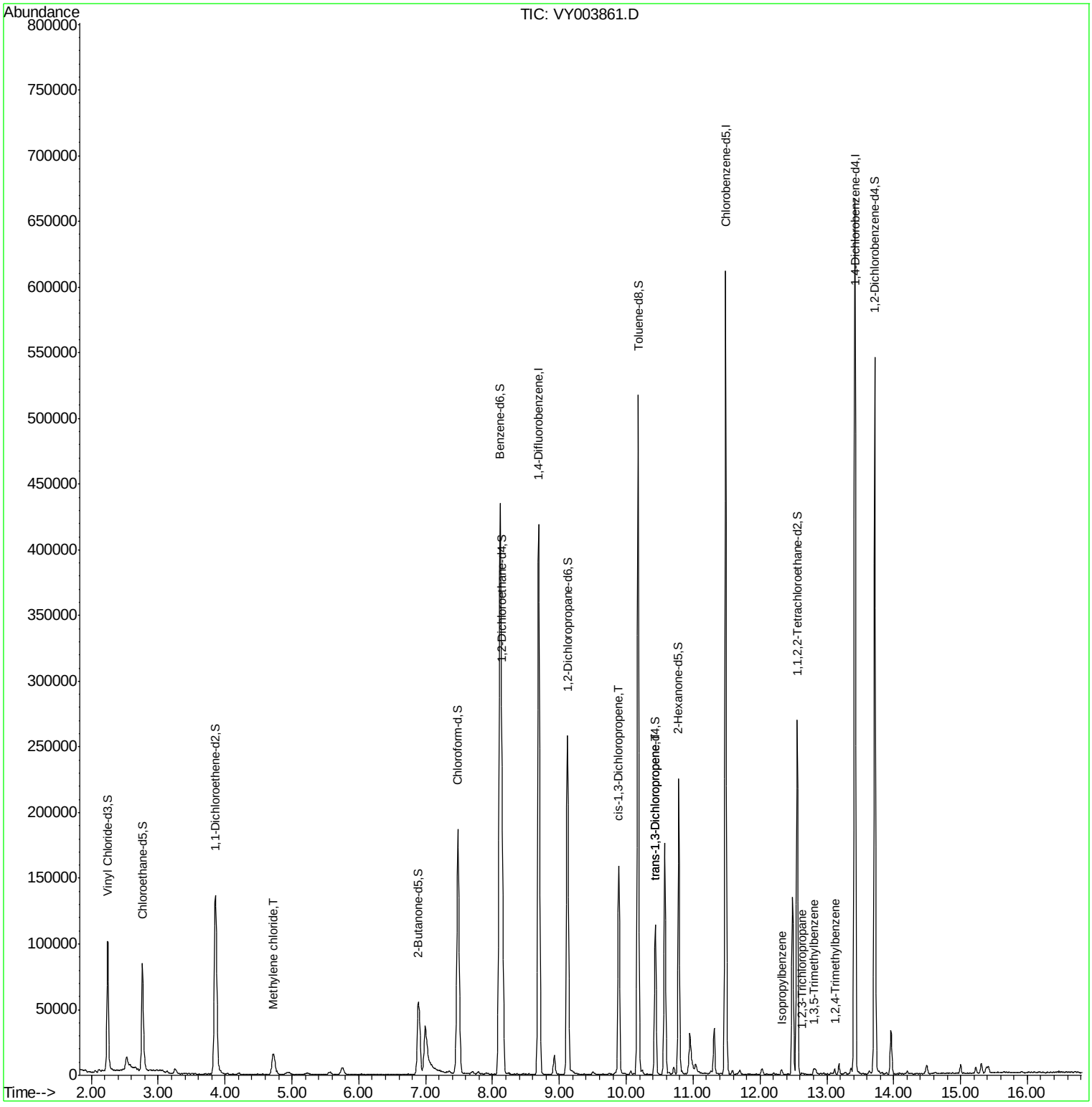
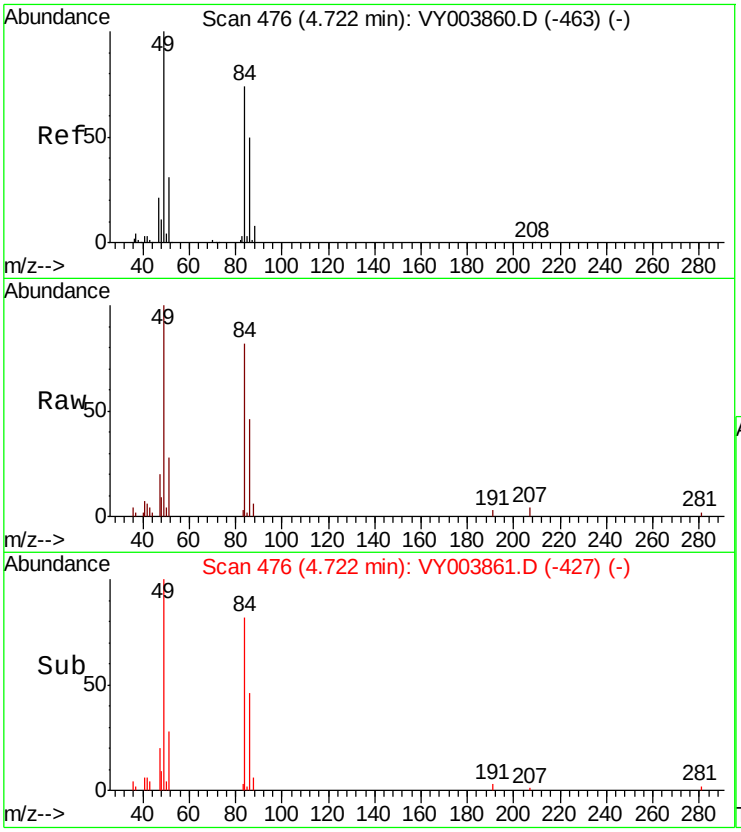
Data File : VY003861.D
Acq On : 30 Dec 2020 12:12
Operator : SY/MD
Sample : VY1230SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 31 03:18:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 31 03:17:23 2020
Response via : Initial Calibration



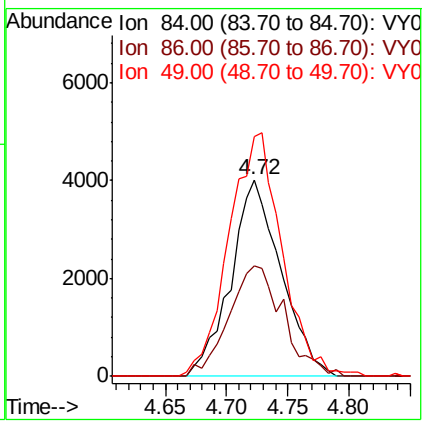


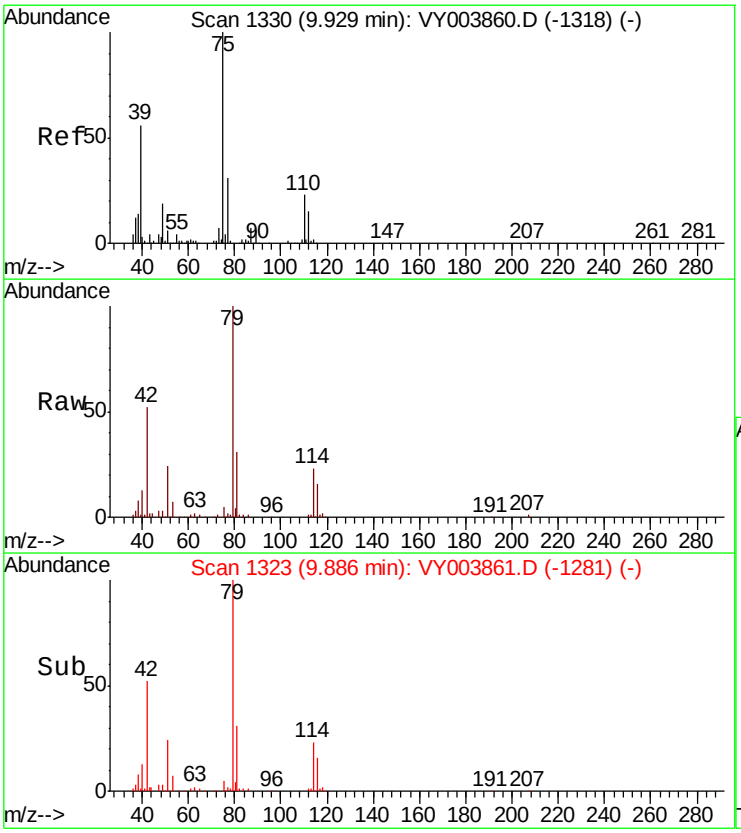
#16
Methylene chloride
Concen: 2.127 ug/L
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VY003861.D
Acq: 30 Dec 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 11480

Ion	Ratio	Lower	Upper
84	100		
86	56.1	42.1	78.3
49	122.1	90.3	167.7

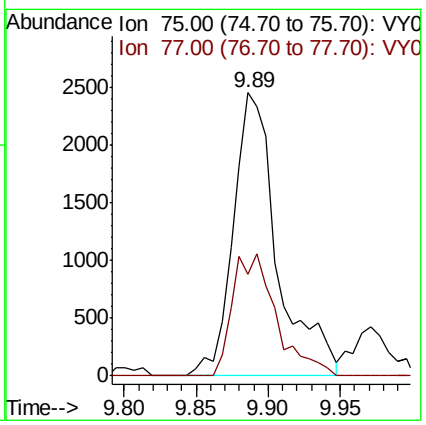


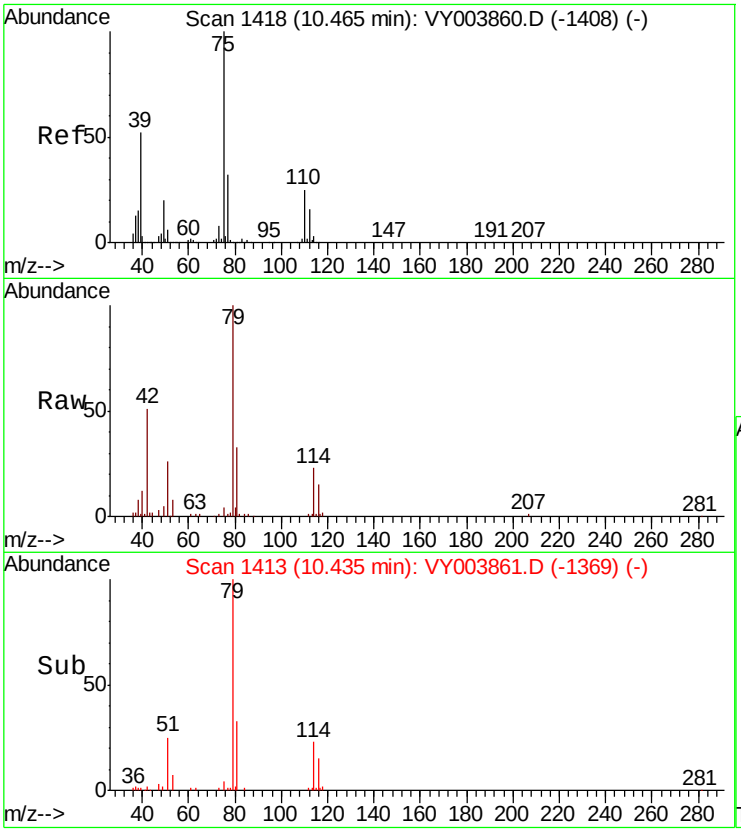


#39
cis-1,3-Dichloropropene
Concen: 0.619 ug/L
RT: 9.89 min Scan# 1323
Delta R.T. -0.04 min
Lab File: VY003861.D
Acq: 30 Dec 2020 12:12

Tgt Ion: 75 Resp: 5257

Ion	Ratio	Lower	Upper
75	100		
77	35.7	23.0	42.6



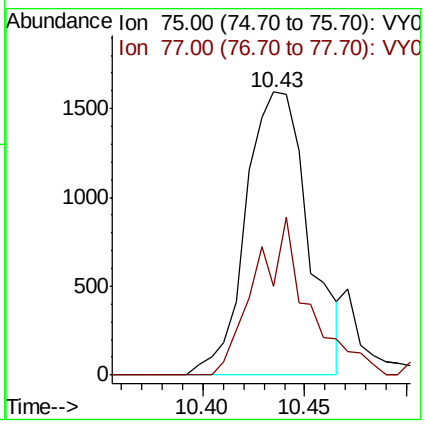


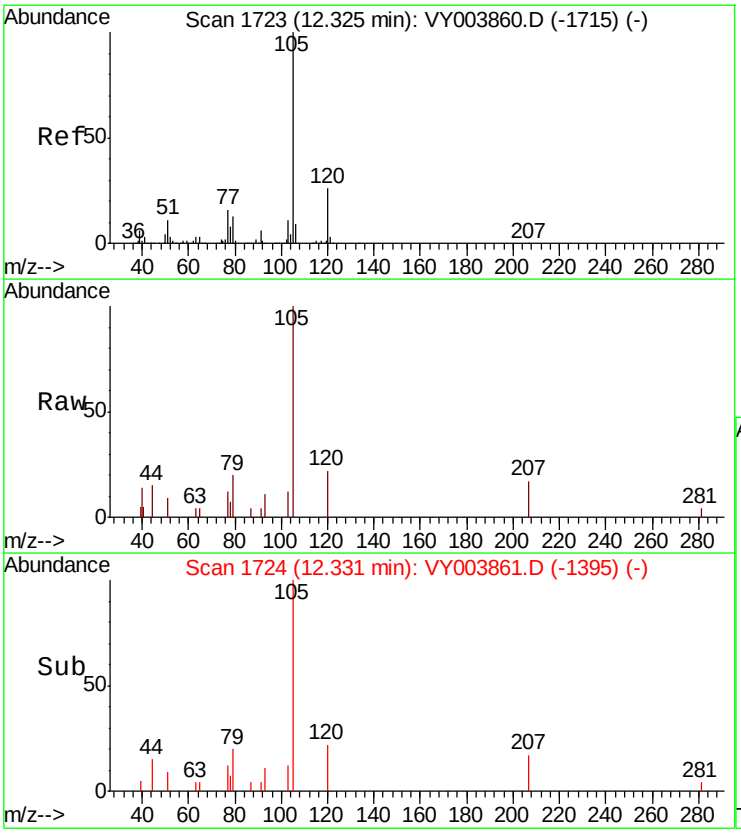
#44
trans-1,3-Dichloropropene
Concen: 0.415 ug/L
RT: 10.43 min Scan# 1413
Delta R.T. -0.03 min
Lab File: VY003861.D
Acq: 30 Dec 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3404

Ion	Ratio	Lower	Upper
75	100		
77	31.6	21.9	40.7

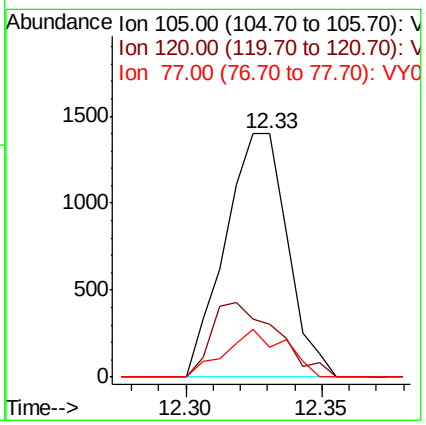


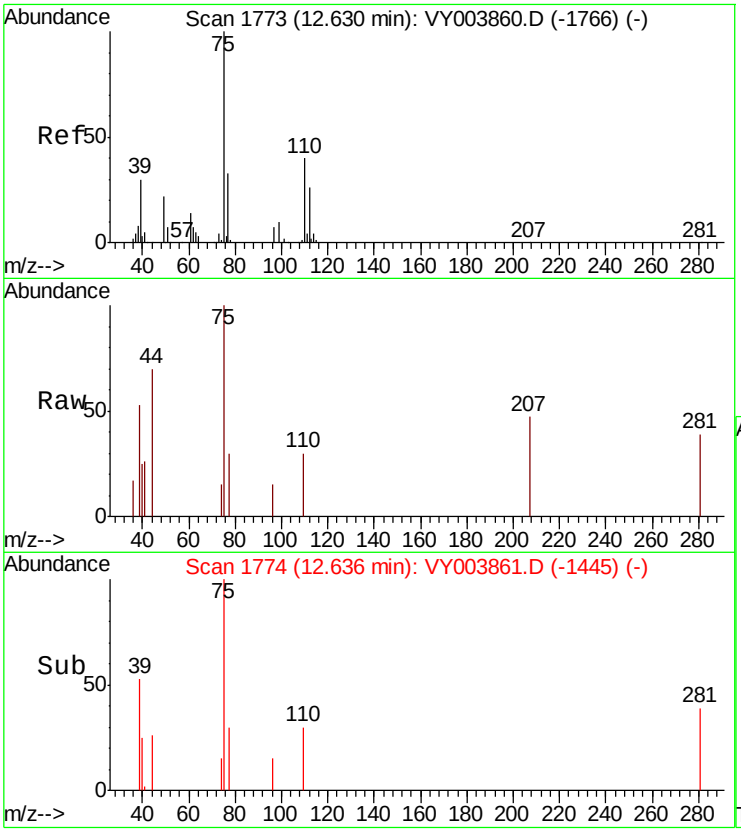


#60
Isopropylbenzene
Concen: 0.098 ug/L
RT: 12.33 min Scan# 1724
Delta R.T. 0.01 min
Lab File: VY003861.D
Acq: 30 Dec 2020 12:12

Tgt Ion:105 Resp: 2223

Ion	Ratio	Lower	Upper
105	100		
120	32.1	21.7	32.5
77	18.9	12.9	19.3



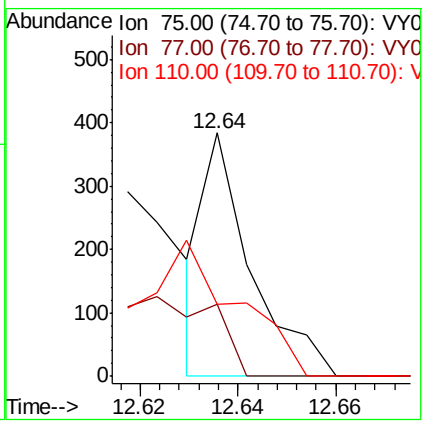


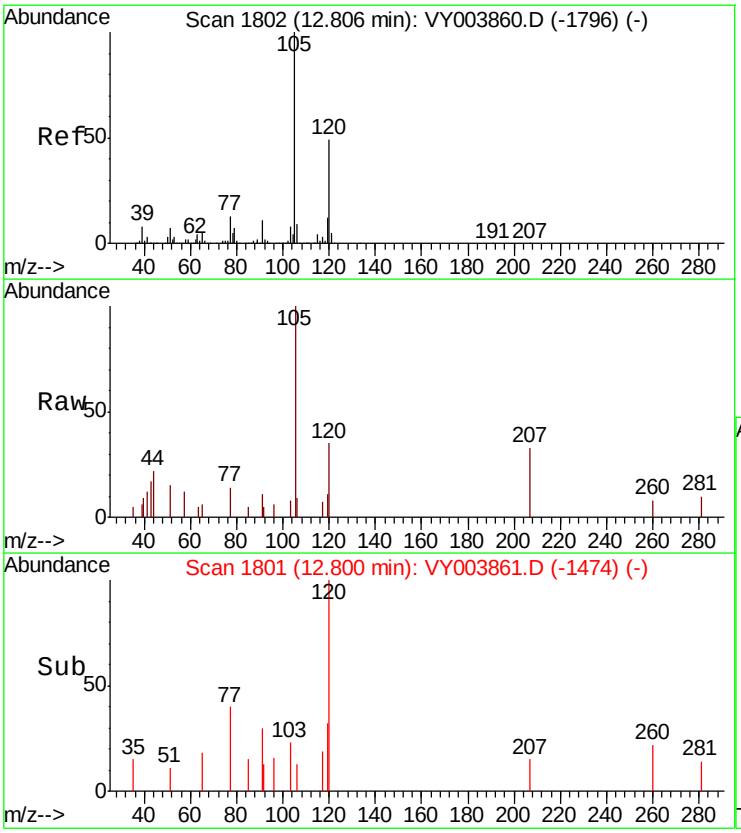
#61
1,2,3-Trichloropropane
Concen: 0.061 ug/L
RT: 12.64 min Scan# 1774
Delta R.T. 0.01 min
Lab File: VY003861.D
Acq: 30 Dec 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 257

Ion	Ratio	Lower	Upper
75	100		
77	59.9	26.2	39.4#
110	108.6	32.4	48.6#

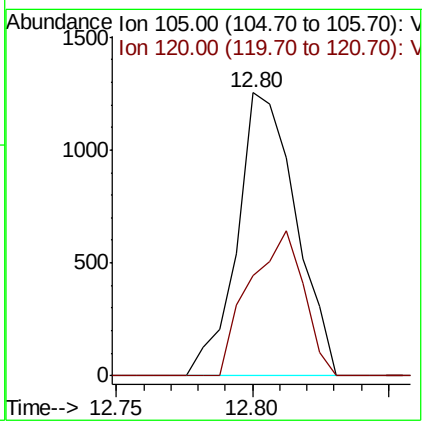


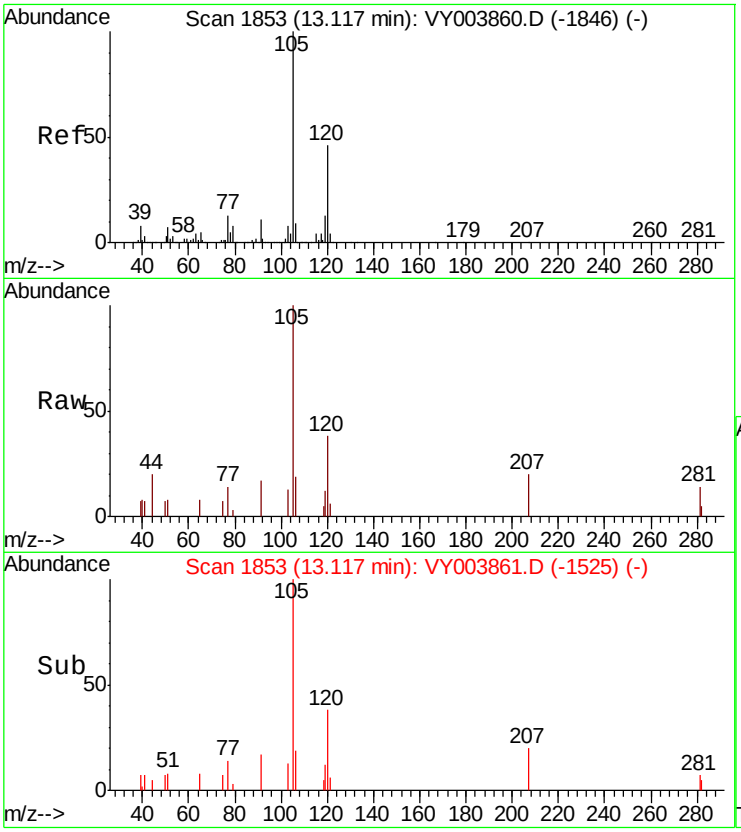


#62
1,3,5-Trimethylbenzene
Concen: 0.100 ug/L
RT: 12.80 min Scan# 1801
Delta R.T. -0.01 min
Lab File: VY003861.D
Acq: 30 Dec 2020 12:12

Tgt Ion:105 Resp: 1873

Ion	Ratio	Lower	Upper
105	100		
120	47.3	39.0	58.4





#63
1,2,4-Trimethylbenzene
Concen: 0.114 ug/L
RT: 13.12 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VY003861.D
Acq: 30 Dec 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 2171

Ion	Ratio	Lower	Upper
105	100		
120	49.2	36.5	54.7