Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120220\
Data File : VY003644.D
Acq On : 02 Dec 2020 11:59
Operator : SY/MD
Sample : VY1202SBL04
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK424

Quant Time: Dec 03 01:05:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120120SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 03 01:04:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	206455	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	191573	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	90067	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	64617	23.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.84%			
7) Chloroethane-d5	2.77	69	53507	25.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.28%			
11) 1,1-Dichloroethene-d2	3.86	63	104508	19.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.84%			
21) 2-Butanone-d5	6.90	46	68553	59.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.40%			
24) Chloroform-d	7.49	84	133609	25.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.04%			
26) 1,2-Dichloroethane-d4	8.15	65	73448	25.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	8.12	84	282629	25.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.84%			
36) 1,2-Dichloropropane-d6	9.12	67	84384	25.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.80%			
41) Toluene-d8	10.18	98	251394	25.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.40%			
43) trans-1,3-Dichloropropene-	10.43	79	39037	25.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.60%			
47) 2-Hexanone-d5	10.79	63	50963	57.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.04%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	84825	25.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.20%			
66) 1,2-Dichlorobenzene-d4	13.72	152	87288	27.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.24%			
Target Compounds						Qvalue
16) Methylene chloride	4.73	84	10878	3.121	ug/L	98
39) cis-1,3-Dichloropropene	9.89	75	2919	0.636	ug/L	96
40) 4-Methyl-2-pentanone	10.08	43	2485	0.952	ug/L	97
60) Isopropylbenzene	12.32	105	881	0.077	ug/L #	66
61) 1,2,3-Trichloropropane	12.48	75	365	0.169	ug/L	96
62) 1,3,5-Trimethylbenzene	12.81	105	717	0.079	ug/L #	81
63) 1,2,4-Trimethylbenzene	13.12	105	854	0.095	ug/L #	80

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

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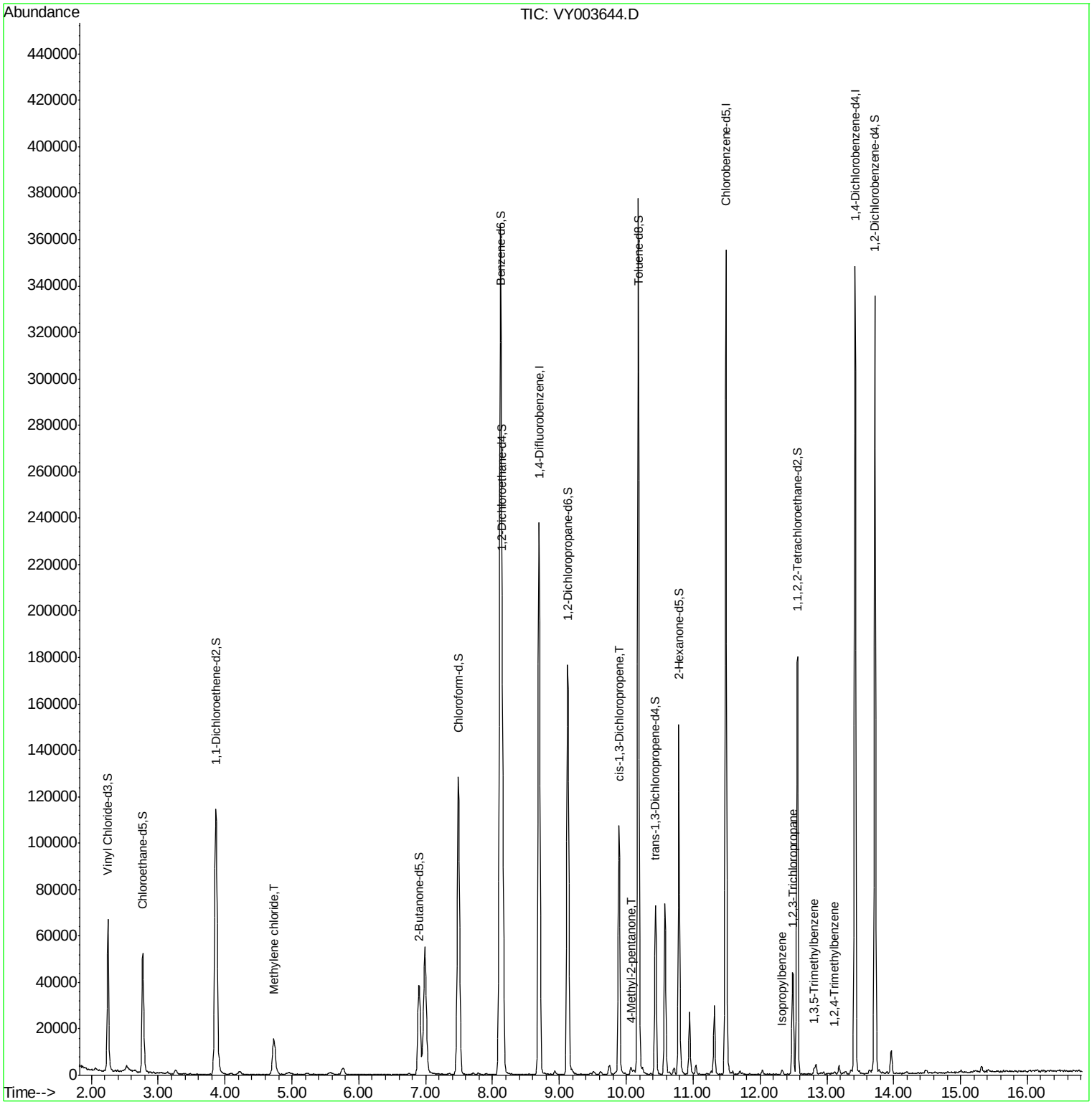
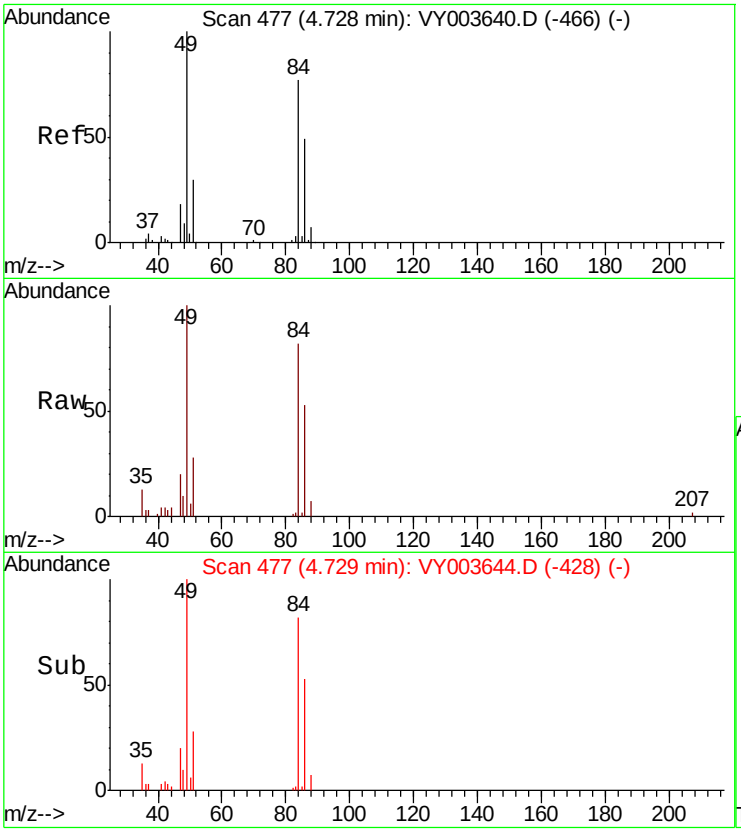
Acq On : 02 Dec 2020 11:59
Operator : SY/MD
Sample : VY1202SBL04
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK424

Quant Time: Dec 03 01:05:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120120SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 03 01:04:03 2020
Response via : Initial Calibration



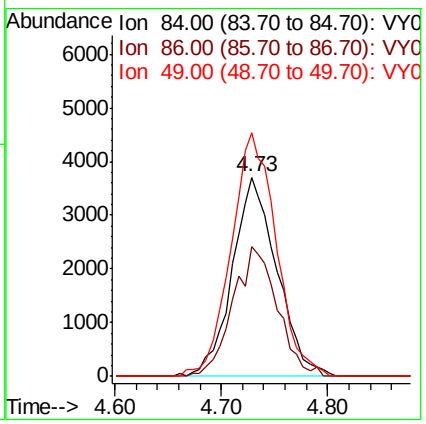


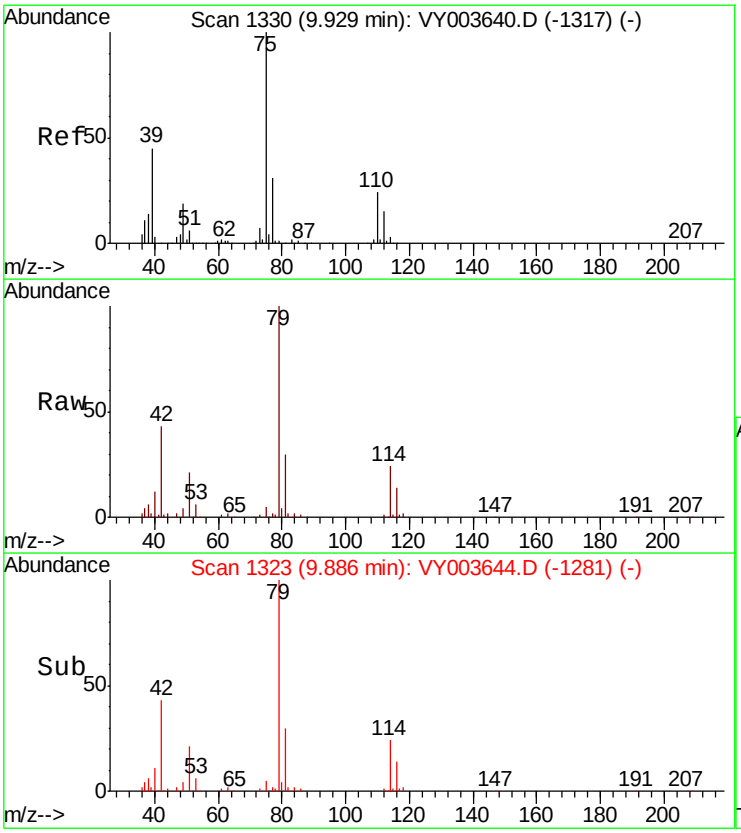
#16
Methylene chloride
Concen: 3.121 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VY003644.D
Acq: 02 Dec 2020 11:59

Instrument : MSVOA_Y
ClientSampleId : VBLK424

Tgt Ion: 84 Resp: 10878

Ion	Ratio	Lower	Upper
84	100		
86	65.2	43.3	80.3
49	122.2	85.3	158.5

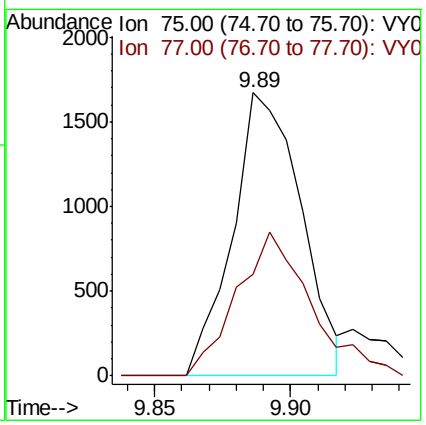


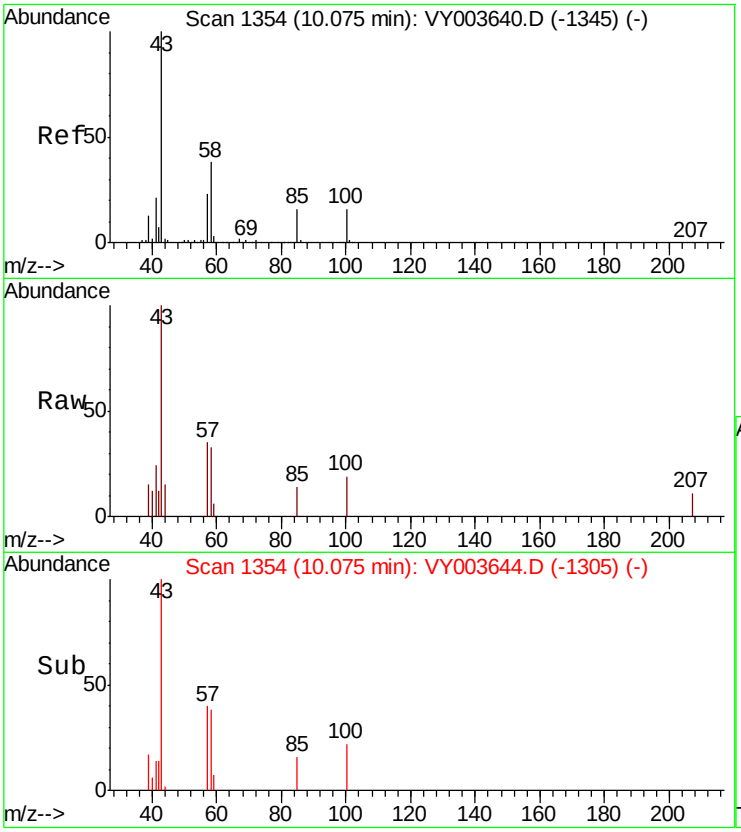


#39
cis-1,3-Dichloropropene
Concen: 0.636 ug/L
RT: 9.89 min Scan# 1323
Delta R.T. -0.04 min
Lab File: VY003644.D
Acq: 02 Dec 2020 11:59

Tgt Ion: 75 Resp: 2919

Ion	Ratio	Lower	Upper
75	100		
77	36.0	23.5	43.7



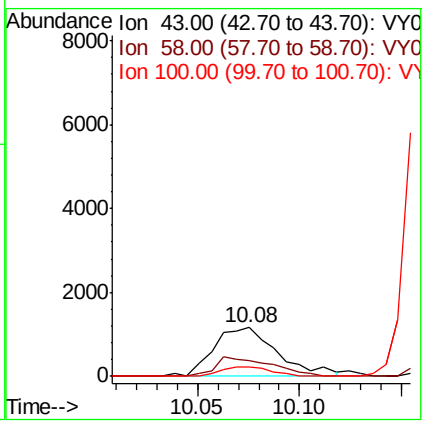


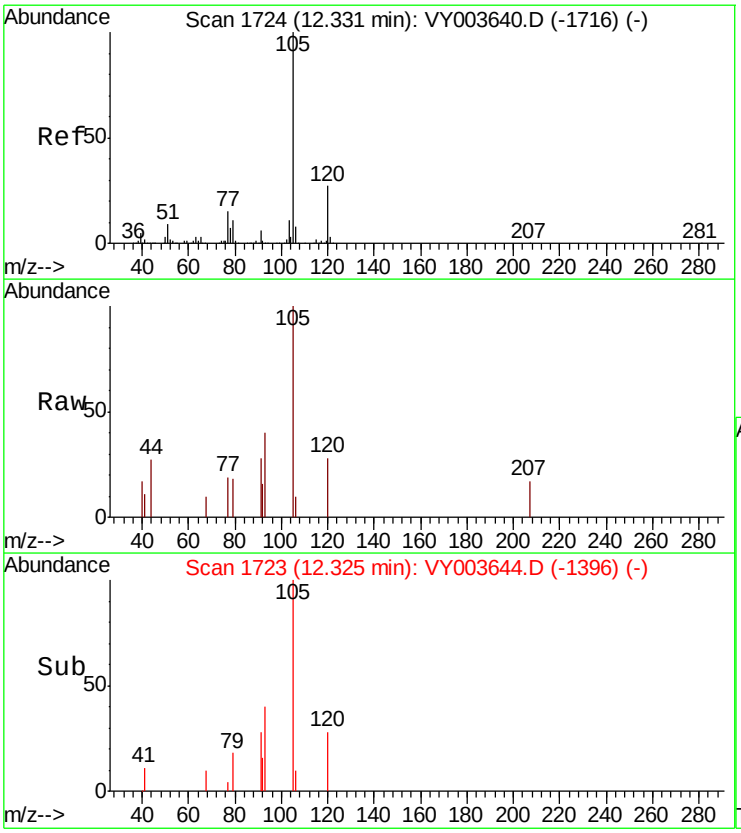
#40
4-Methyl-2-pentanone
Concen: 0.952 ug/L
RT: 10.08 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VY003644.D
Acq: 02 Dec 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VBLK424

Tgt Ion: 43 Resp: 2485

Ion	Ratio	Lower	Upper
43	100		
58	35.8	30.7	46.1
100	15.5	12.1	18.1

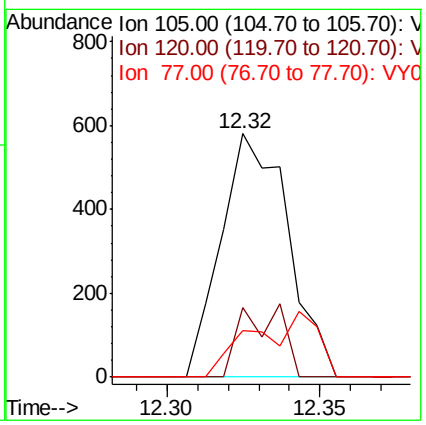


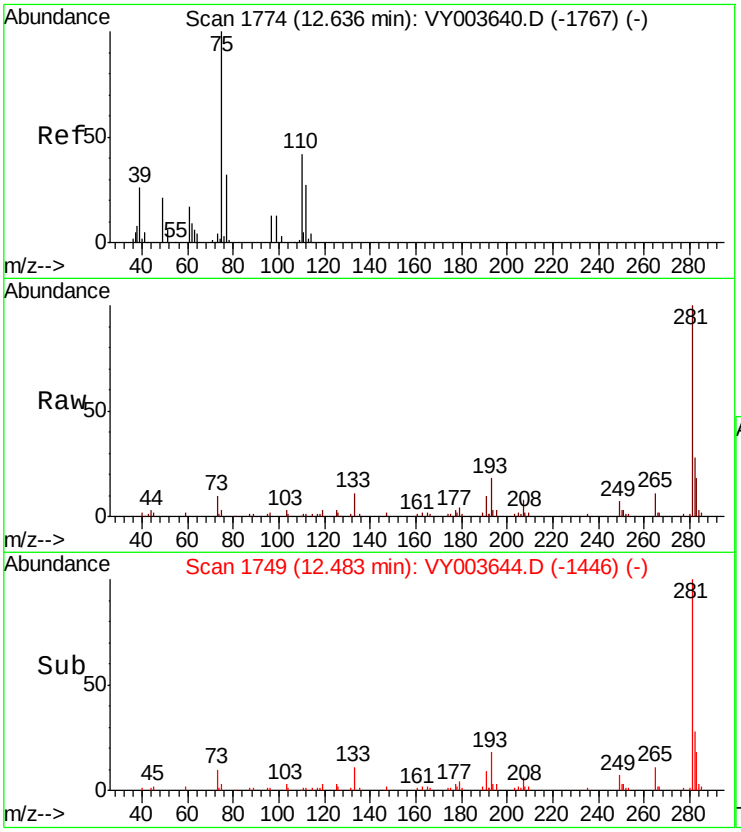


#60
Isopropylbenzene
Concen: 0.077 ug/L
RT: 12.32 min Scan# 1723
Delta R.T. -0.01 min
Lab File: VY003644.D
Acq: 02 Dec 2020 11:59

Tgt Ion:105 Resp: 881

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.0	33.0#
77	14.5	12.1	18.1



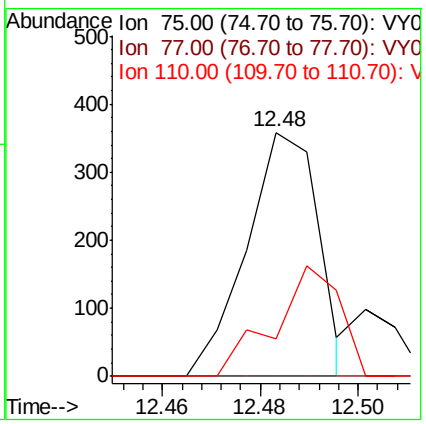


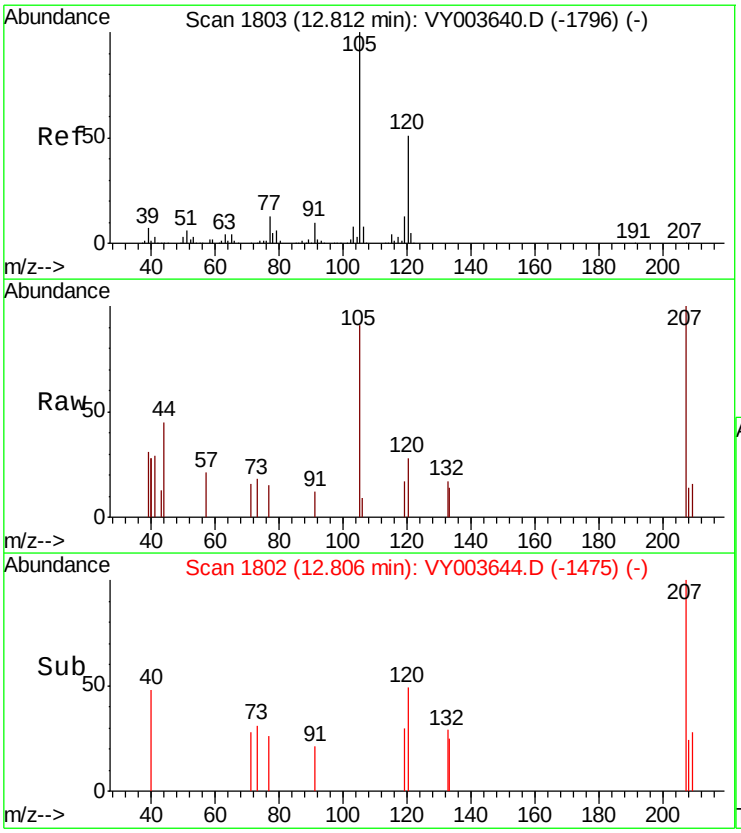
#61
1,2,3-Trichloropropane
Concen: 0.169 ug/L
RT: 12.48 min Scan# 1749
Delta R.T. -0.15 min
Lab File: VY003644.D
Acq: 02 Dec 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VBLK424

Tgt Ion: 75 Resp: 365

Ion	Ratio	Lower	Upper
75	100		
77	27.9	26.3	39.5
110	41.4	33.0	49.4

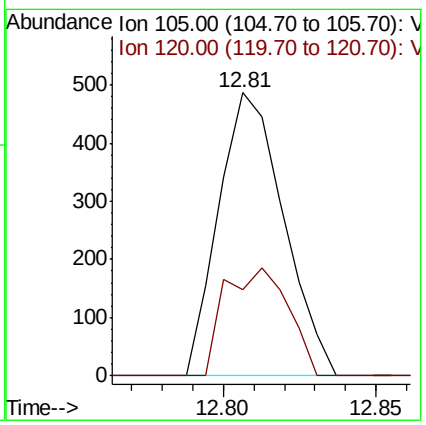


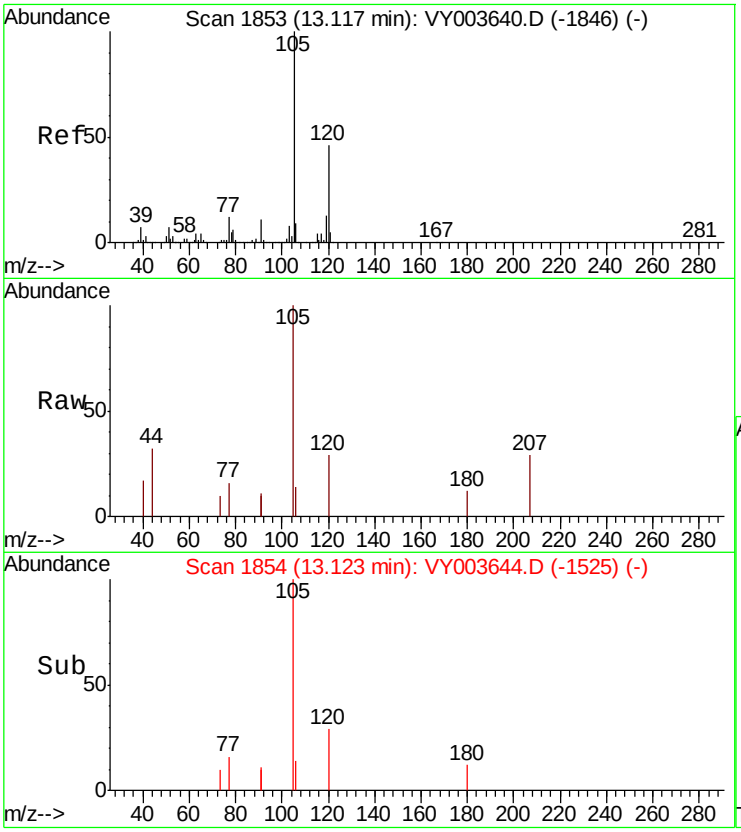


#62
1,3,5-Trimethylbenzene
Concen: 0.079 ug/L
RT: 12.81 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VY003644.D
Acq: 02 Dec 2020 11:59

Tgt Ion:105 Resp: 717

Ion	Ratio	Lower	Upper
105	100		
120	37.1	40.4	60.6#





#63
1,2,4-Trimethylbenzene
Concen: 0.095 ug/L
RT: 13.12 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VY003644.D
Acq: 02 Dec 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VBLK424

Tgt Ion:105 Resp: 854

Ion	Ratio	Lower	Upper
105	100		
120	34.3	38.0	57.0#