Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120220\
Data File : VY003642.D
Acq On : 02 Dec 2020 11:15
Operator : SY/MD
Sample : VY1202SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK422

Quant Time: Dec 03 01:05:00 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	212914	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	197536	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	92243	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	65376	23.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.00%			
7) Chloroethane-d5	2.77	69	52548	24.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	3.86	63	101546	18.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.36%			
21) 2-Butanone-d5	6.90	46	64506	54.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.02%			
24) Chloroform-d	7.49	84	129940	24.06	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.24%			
26) 1,2-Dichloroethane-d4	8.15	65	72566	24.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.24%			
32) Benzene-d6	8.12	84	277874	24.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	9.12	67	84015	24.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.28%			
41) Toluene-d8	10.18	98	244636	24.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.56%			
43) trans-1,3-Dichloropropene-	10.44	79	37407	23.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.48%			
47) 2-Hexanone-d5	10.79	63	48563	53.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.30%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	83939	24.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.12%			
66) 1,2-Dichlorobenzene-d4	13.72	152	84259	25.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.96%			

Target Compounds						Qvalue
16) Methylene chloride	4.72	84	3532	0.983	ug/L	87
39) cis-1,3-Dichloropropene	9.89	75	3125	0.660	ug/L #	62
44) trans-1,3-Dichloropropene	10.44	75	2216	0.507	ug/L	99
60) Isopropylbenzene	12.32	105	417	0.035	ug/L #	31
61) 1,2,3-Trichloropropane	12.63	75	179	0.081	ug/L #	59
62) 1,3,5-Trimethylbenzene	12.82	105	645	0.069	ug/L	87
63) 1,2,4-Trimethylbenzene	13.12	105	694	0.075	ug/L	96

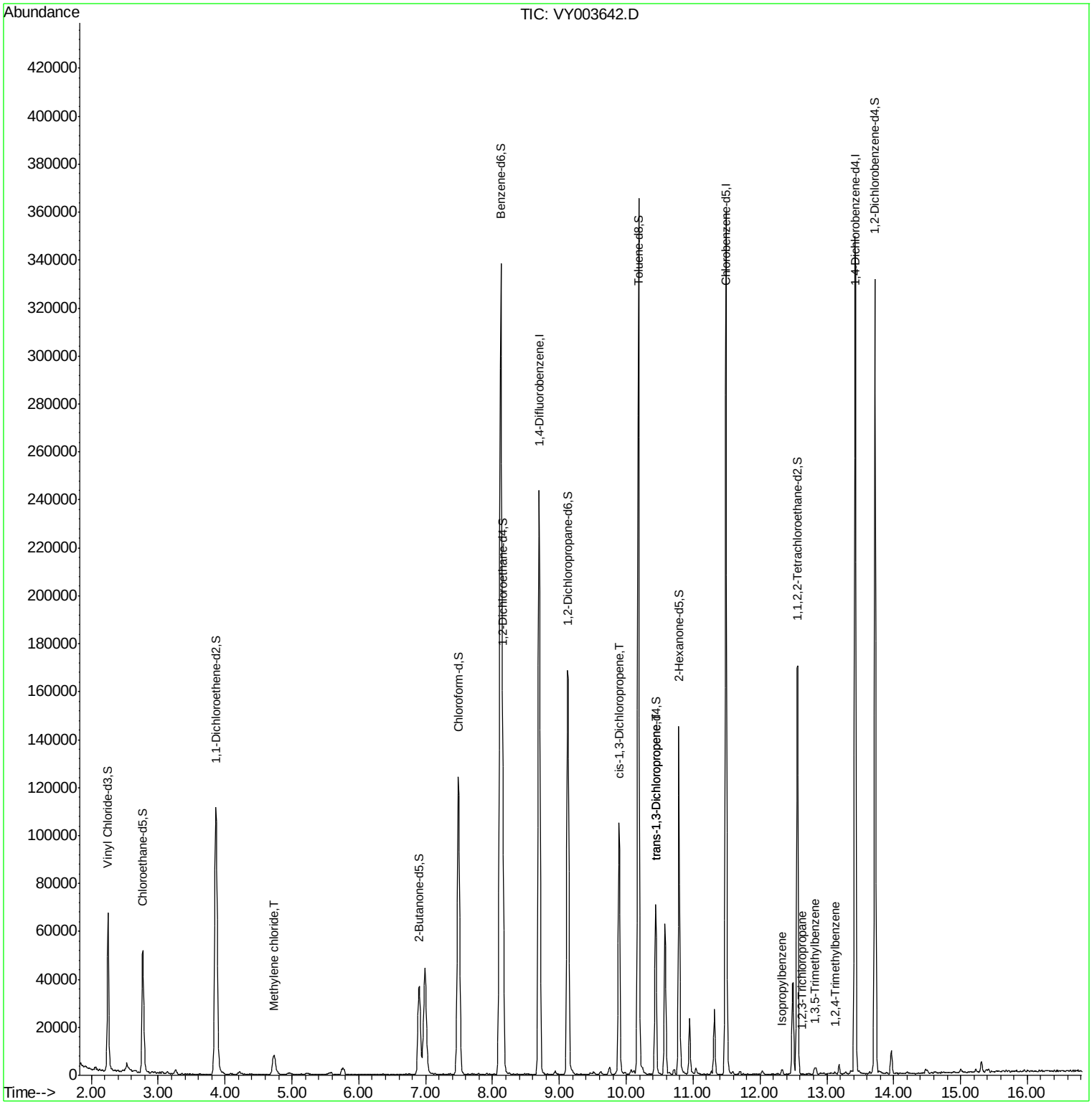
(#) = qualifier out of range (m) = manual integration (+) = signals summed

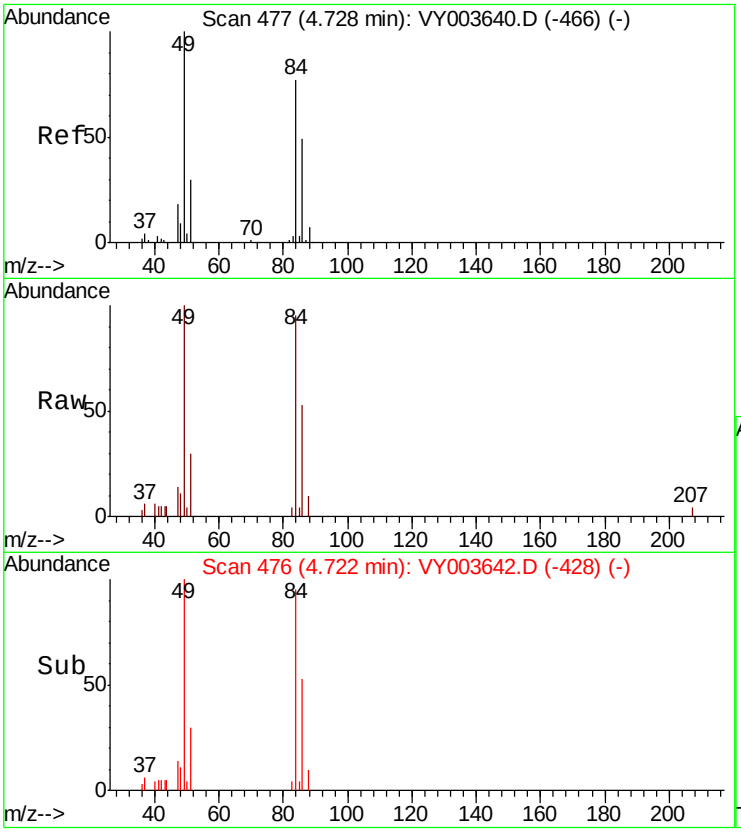
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120220\
Data File : VY003642.D
Acq On : 02 Dec 2020 11:15
Operator : SY/MD
Sample : VY1202SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK422

Quant Time: Dec 03 01:05:00 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



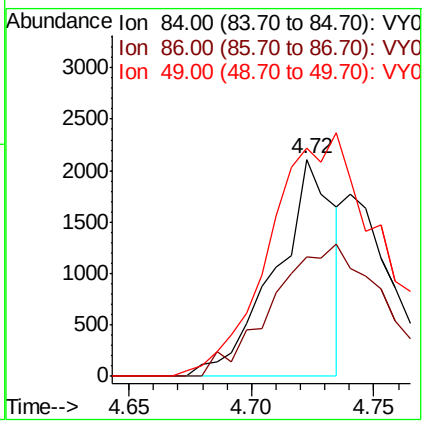


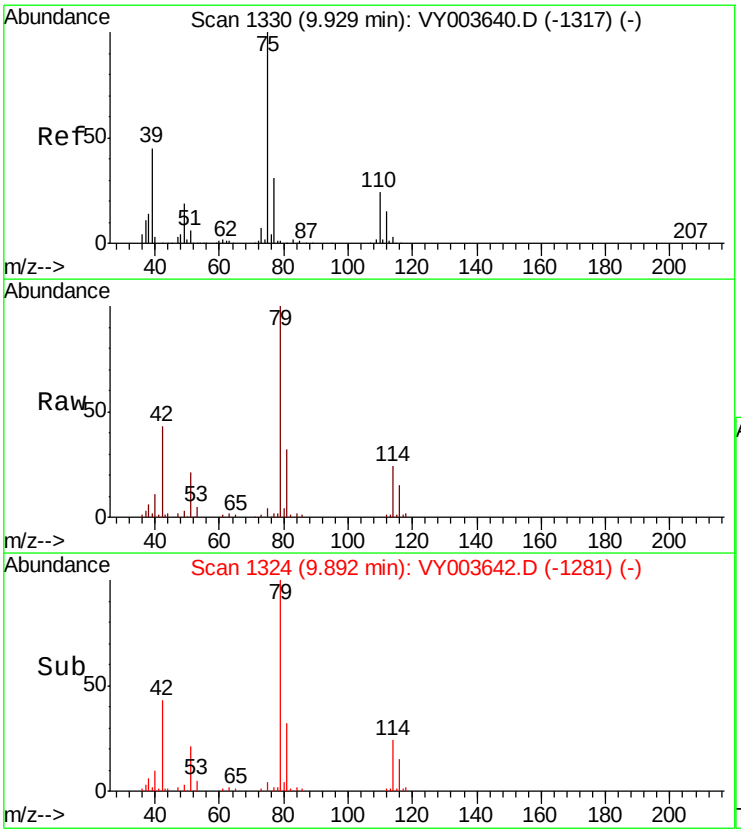
#16
Methylene chloride
Concen: 0.983 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003642.D
Acq: 02 Dec 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VBLK422

Tgt Ion: 84 Resp: 3532

Ion	Ratio	Lower	Upper
84	100		
86	55.3	43.3	80.3
49	105.1	85.3	158.5

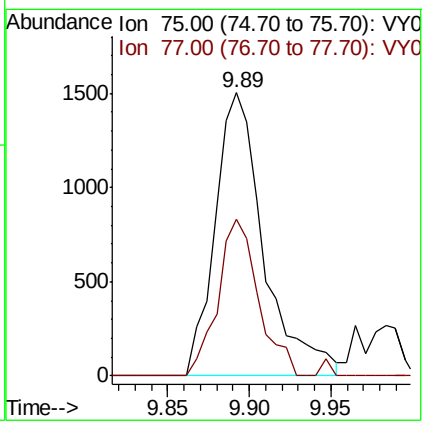


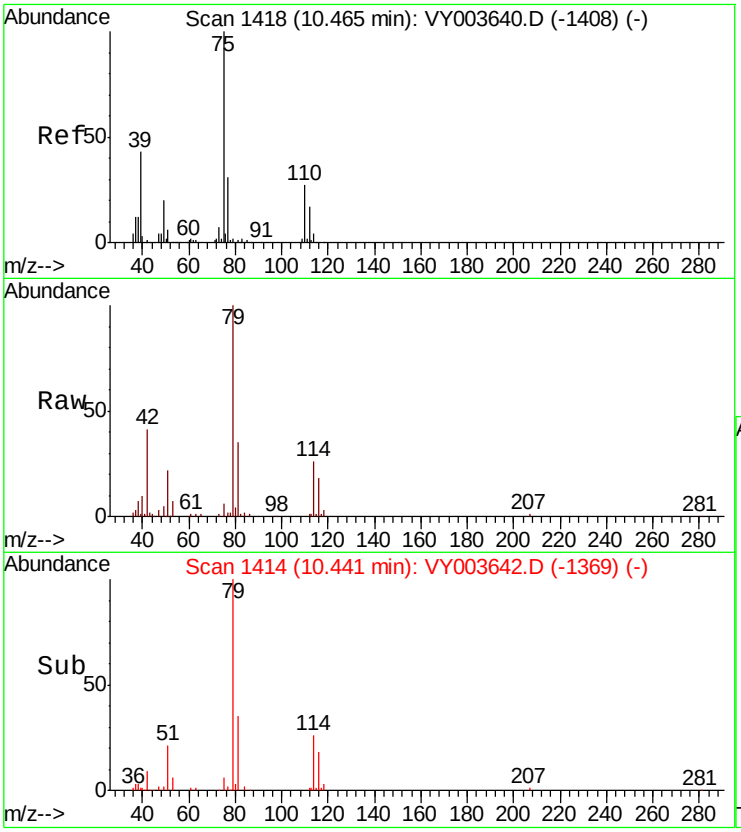


#39
cis-1,3-Dichloropropene
Concen: 0.660 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003642.D
Acq: 02 Dec 2020 11:15

Tgt Ion: 75 Resp: 3125

Ion	Ratio	Lower	Upper
75	100		
77	55.4	23.5	43.7#



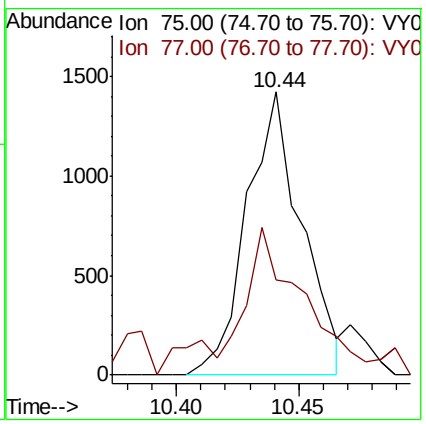


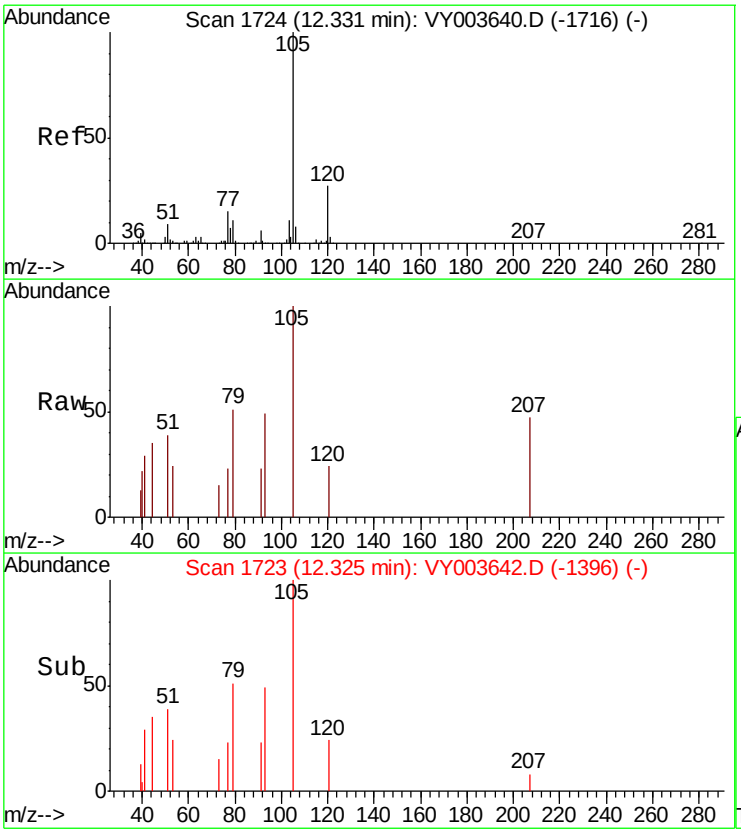
#44
trans-1,3-Dichloropropene
Concen: 0.507 ug/L
RT: 10.44 min Scan# 1414
Delta R.T. -0.02 min
Lab File: VY003642.D
Acq: 02 Dec 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VBLK422

Tgt Ion: 75 Resp: 2216

Ion	Ratio	Lower	Upper
75	100		
77	33.4	22.9	42.5

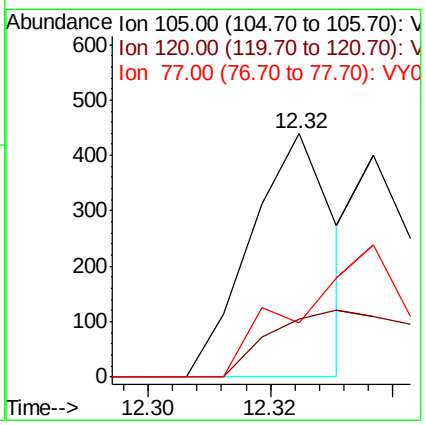


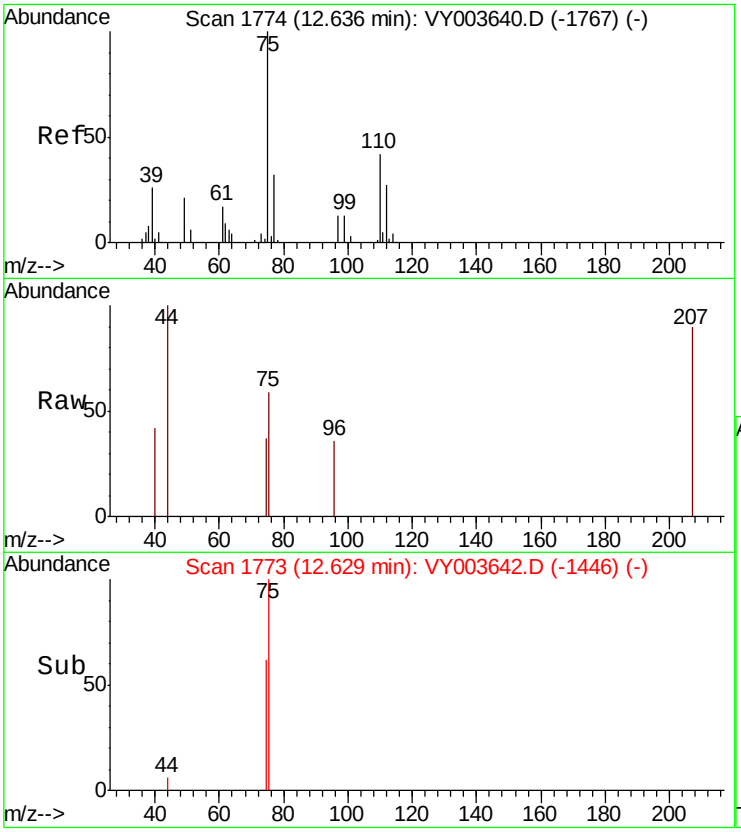


#60
Isopropylbenzene
Concen: 0.035 ug/L
RT: 12.32 min Scan# 1723
Delta R.T. -0.01 min
Lab File: VY003642.D
Acq: 02 Dec 2020 11:15

Tgt Ion:105 Resp: 417

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.0	33.0#
77	71.9	12.1	18.1#



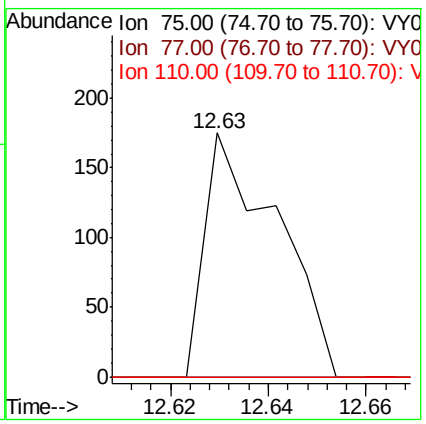


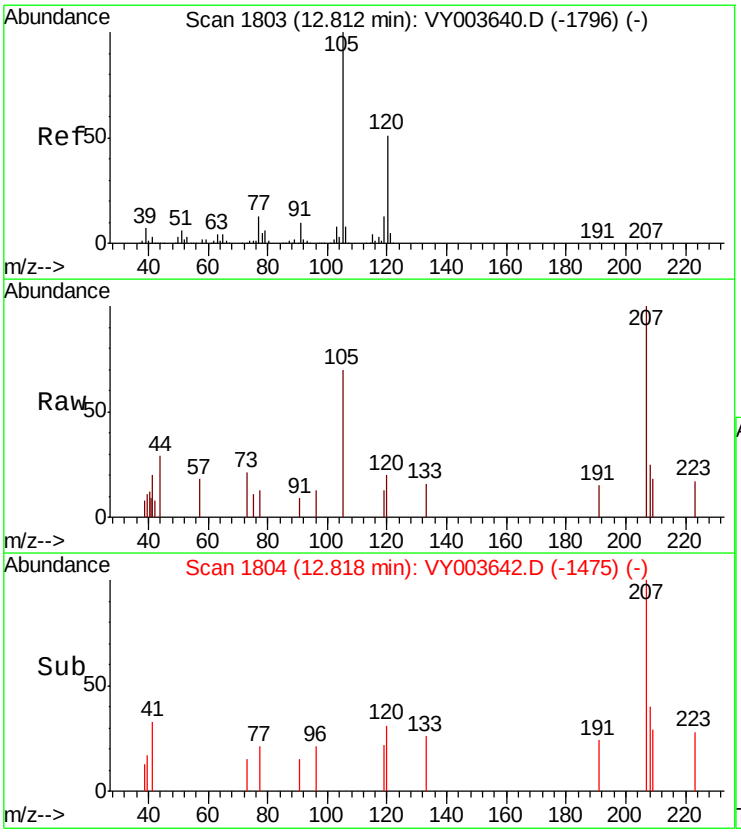
#61
1,2,3-Trichloropropane
Concen: 0.081 ug/L
RT: 12.63 min Scan# 1773
Delta R.T. -0.01 min
Lab File: VY003642.D
Acq: 02 Dec 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VBLK422

Tgt Ion: 75 Resp: 179

Ion	Ratio	Lower	Upper
75	100		
77	26.8	26.3	39.5
110	0.0	33.0	49.4#

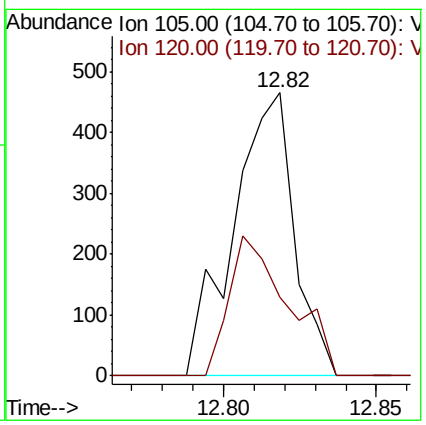


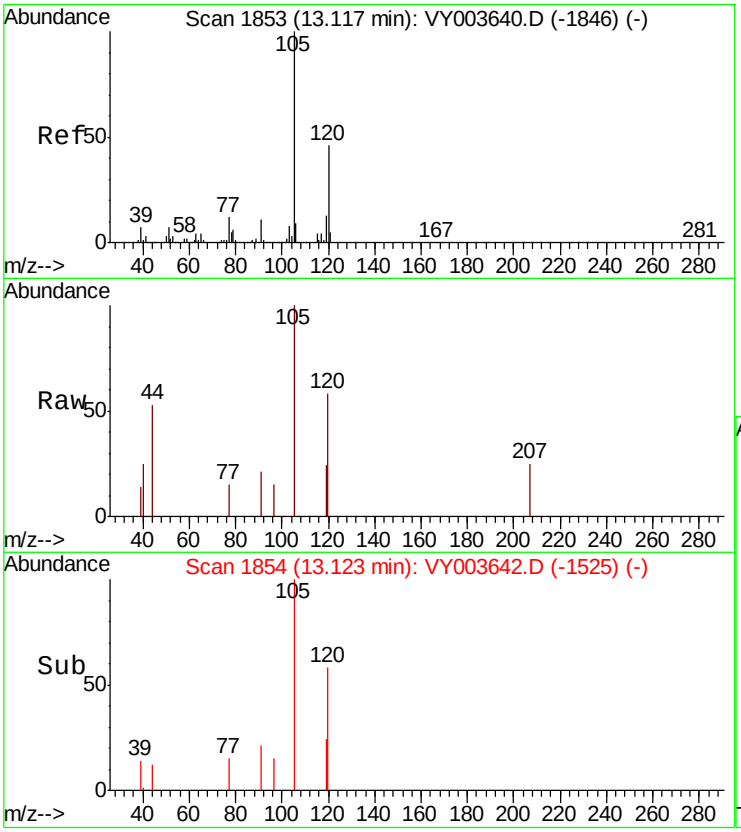


#62
1,3,5-Trimethylbenzene
Concen: 0.069 ug/L
RT: 12.82 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VY003642.D
Acq: 02 Dec 2020 11:15

Tgt Ion:105 Resp: 645

Ion	Ratio	Lower	Upper
105	100		
120	41.6	40.4	60.6





#63
1,2,4-Trimethylbenzene
Concen: 0.075 ug/L
RT: 13.12 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VY003642.D
Acq: 02 Dec 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VBLK422

Tgt Ion:105 Resp: 694

Ion	Ratio	Lower	Upper
105	100		
120	49.9	38.0	57.0