Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122920\
Data File : VY003853.D
Acq On : 29 Dec 2020 15:23
Operator : SY/MD
Sample : VY1229SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK202

Quant Time: Dec 30 07:20:41 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	336467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	318068	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	173247	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	122083	21.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.80%			
7) Chloroethane-d5	2.76	69	102456	22.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	3.85	63	168964	17.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.80%			
21) 2-Butanone-d5	6.89	46	105883	48.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.82%			
24) Chloroform-d	7.48	84	213643	22.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.96%			
26) 1,2-Dichloroethane-d4	8.14	65	139228	23.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.08%			
32) Benzene-d6	8.11	84	419236	23.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.84%			
36) 1,2-Dichloropropane-d6	9.12	67	125501	24.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.24%			
41) Toluene-d8	10.18	98	394831	23.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.32%			
43) trans-1,3-Dichloropropene-	10.43	79	69539	23.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.52%			
47) 2-Hexanone-d5	10.78	63	76640	47.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.76%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	121467	23.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.76%			
66) 1,2-Dichlorobenzene-d4	13.72	152	158319	25.01	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.04%			

Target Compounds						Qvalue
16) Methylene chloride	4.72	84	10281	1.905	ug/L	94
39) cis-1,3-Dichloropropene	9.89	75	5816	0.688	ug/L	88
44) trans-1,3-Dichloropropene	10.43	75	4123	0.505	ug/L	83
60) Isopropylbenzene	12.32	105	1784	0.078	ug/L #	84
61) 1,2,3-Trichloropropane	12.62	75	373	0.088	ug/L #	66
62) 1,3,5-Trimethylbenzene	12.81	105	1627	0.086	ug/L	94
63) 1,2,4-Trimethylbenzene	13.12	105	1716	0.089	ug/L	94

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

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Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK202

Quant Time: Dec 30 07:20:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 30 07:19:52 2020
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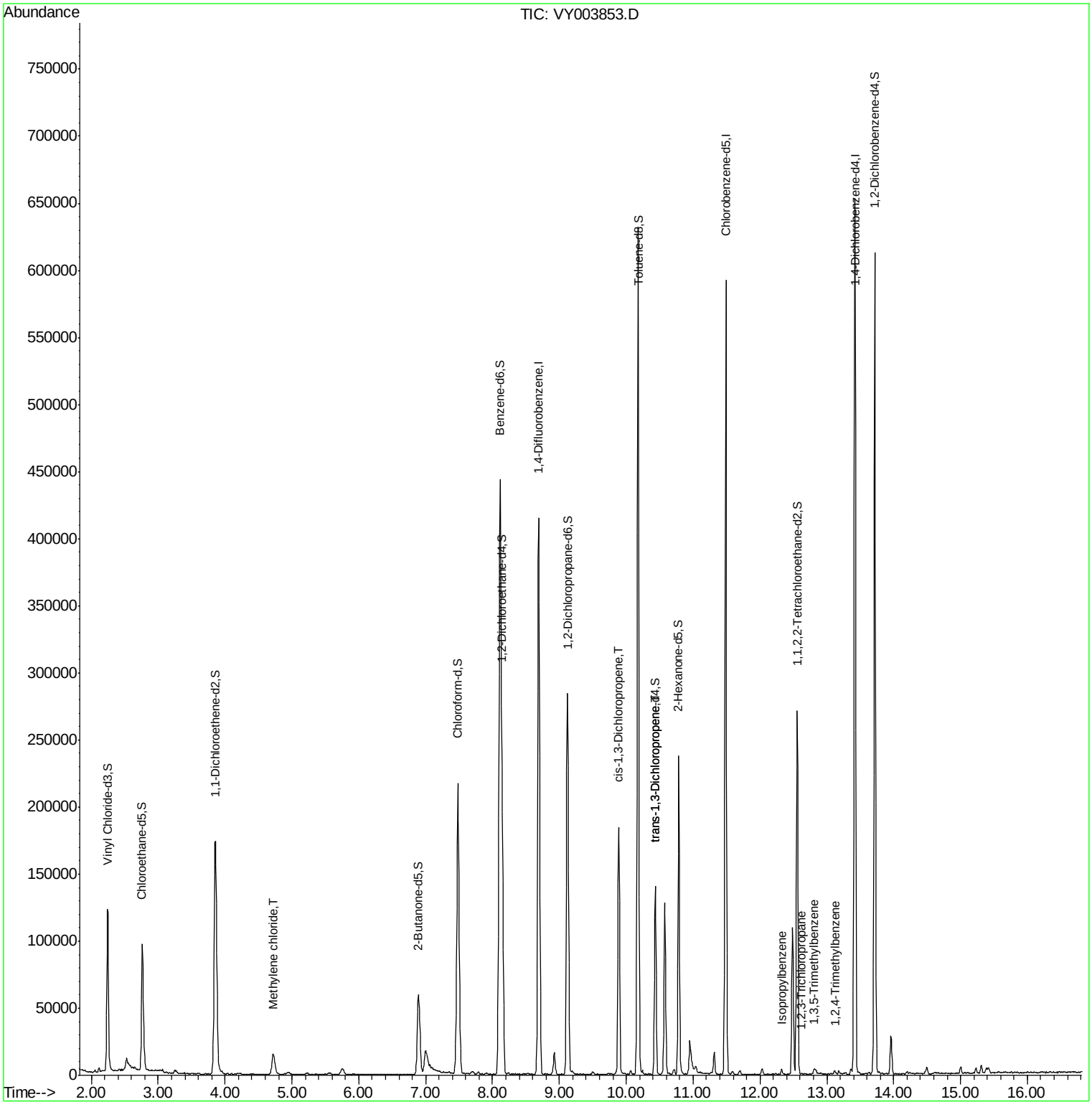
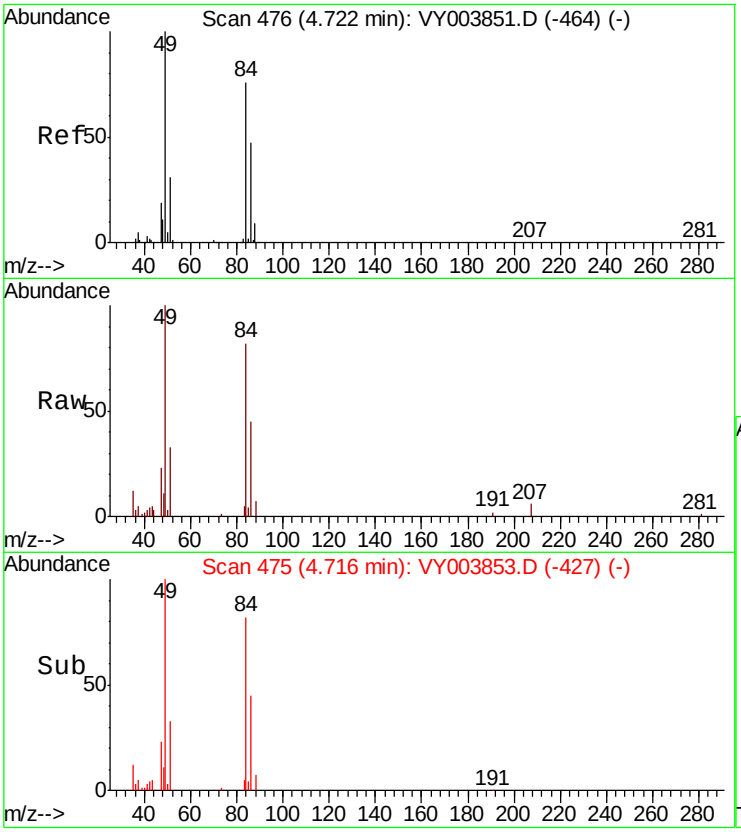


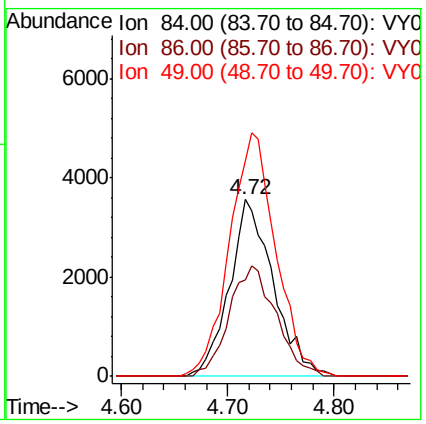


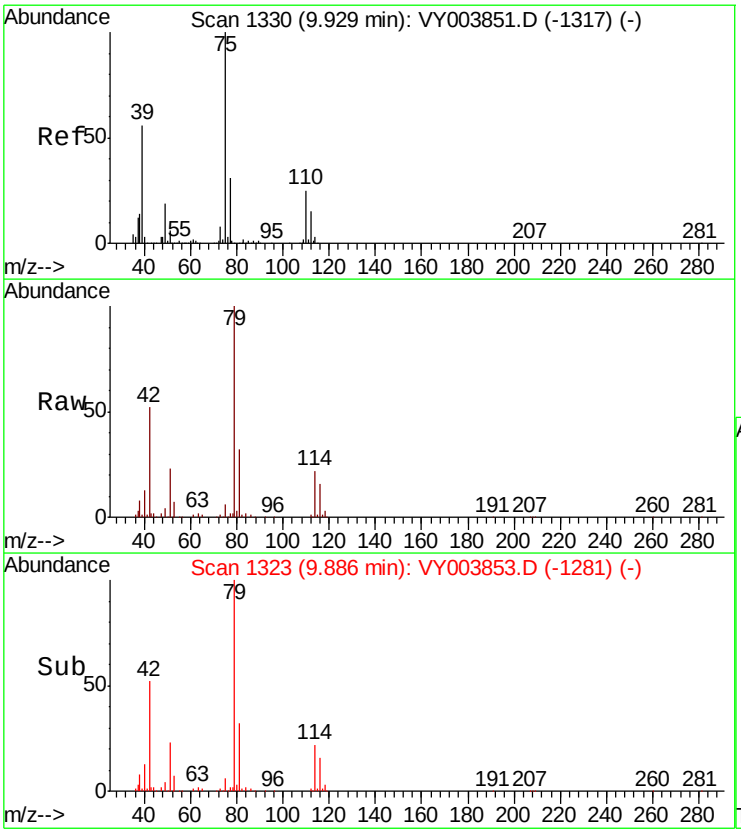
#16
Methylene chloride
Concen: 1.905 ug/L
RT: 4.72 min Scan# 475
Delta R.T. -0.01 min
Lab File: VY003853.D
Acq: 29 Dec 2020 15:23

Instrument : MSVOA_Y
ClientSampleId : VBLK202

Tgt Ion: 84 Resp: 10281

Ion	Ratio	Lower	Upper
84	100		
86	54.4	42.1	78.3
49	122.3	90.3	167.7

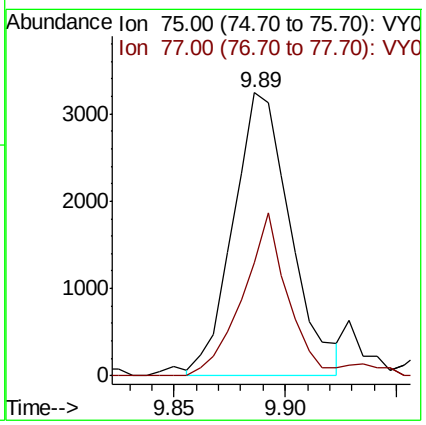


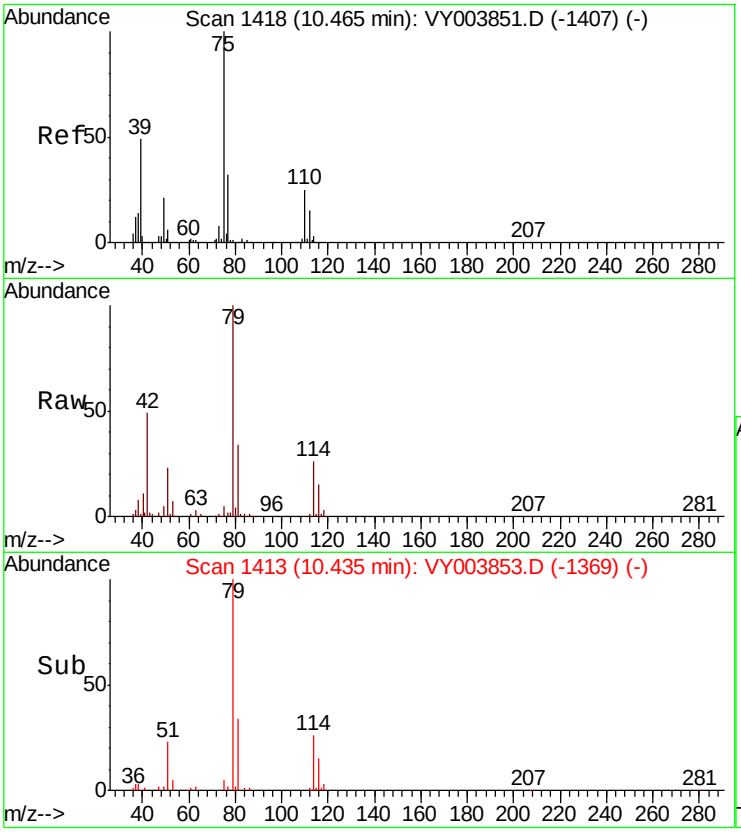


#39
cis-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 9.89 min Scan# 1323
Delta R.T. -0.04 min
Lab File: VY003853.D
Acq: 29 Dec 2020 15:23

Tgt Ion: 75 Resp: 5816

Ion	Ratio	Lower	Upper
75	100		
77	39.8	23.0	42.6



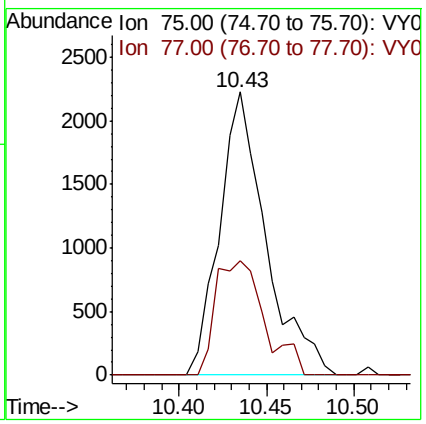


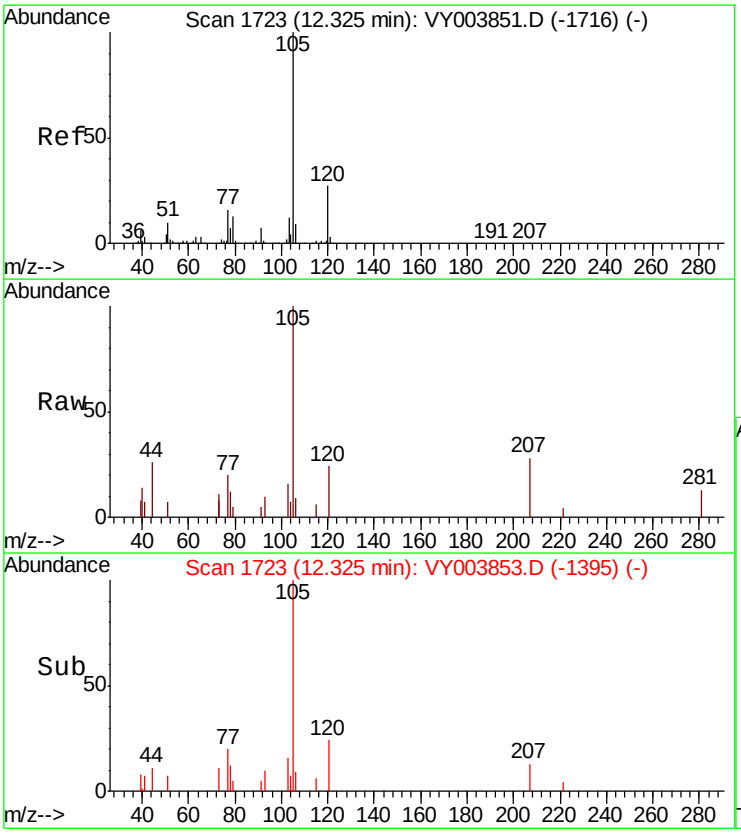
#44
trans-1,3-Dichloropropene
Concen: 0.505 ug/L
RT: 10.43 min Scan# 1413
Delta R.T. -0.03 min
Lab File: VY003853.D
Acq: 29 Dec 2020 15:23

Instrument : MSVOA_Y
ClientSampleId : VBLK202

Tgt Ion: 75 Resp: 4123

Ion	Ratio	Lower	Upper
75	100		
77	40.4	21.9	40.7

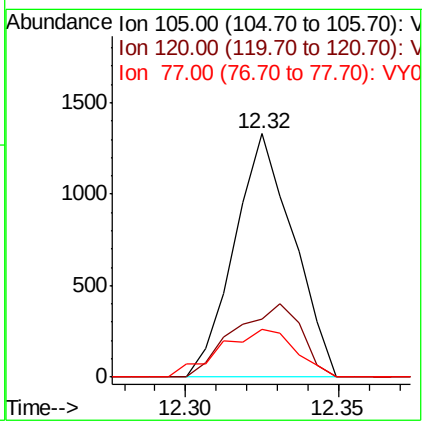


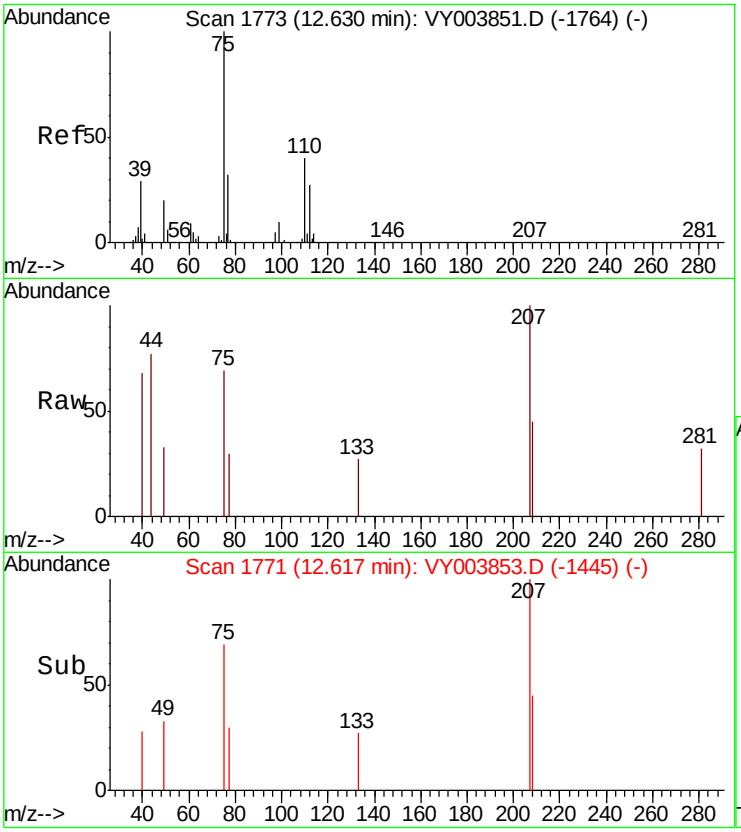


#60
Isopropylbenzene
Concen: 0.078 ug/L
RT: 12.32 min Scan# 1723
Delta R.T. 0.00 min
Lab File: VY003853.D
Acq: 29 Dec 2020 15:23

Tgt Ion:105 Resp: 1784

Ion	Ratio	Lower	Upper
105	100		
120	34.2	21.7	32.5#
77	24.9	12.9	19.3#



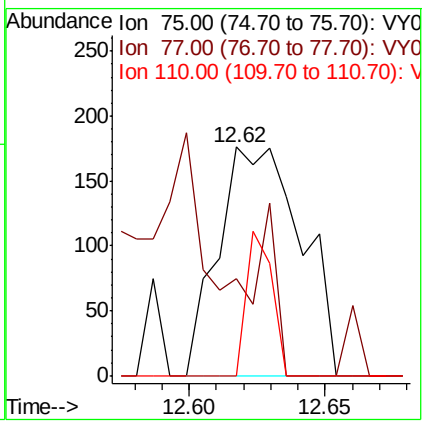


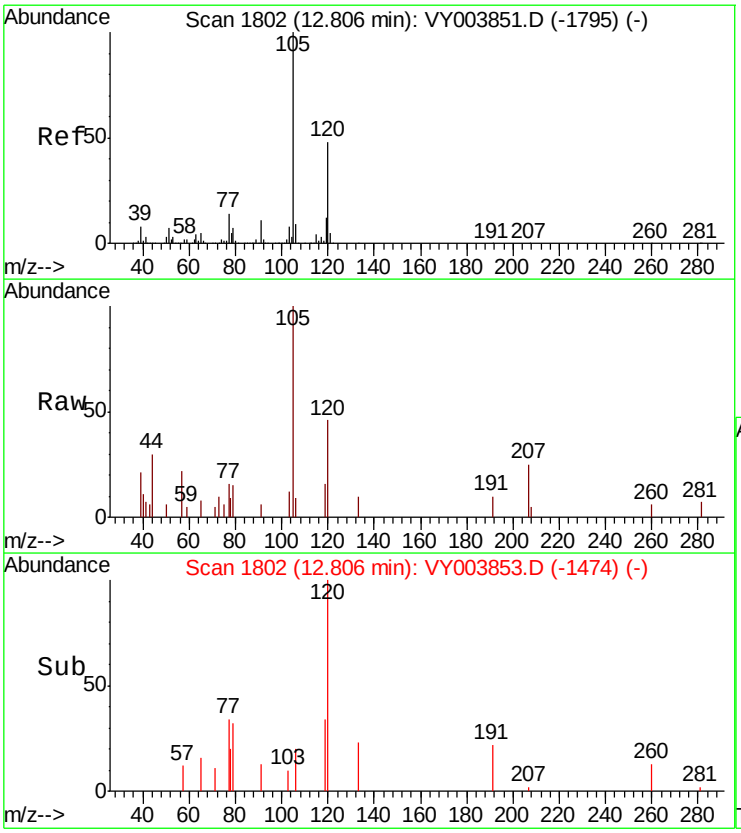
#61
1,2,3-Trichloropropane
Concen: 0.088 ug/L
RT: 12.62 min Scan# 1771
Delta R.T. -0.01 min
Lab File: VY003853.D
Acq: 29 Dec 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VBLK202

Tgt Ion: 75 Resp: 373

Ion	Ratio	Lower	Upper
75	100		
77	13.1	26.2	39.4#
110	19.3	32.4	48.6#

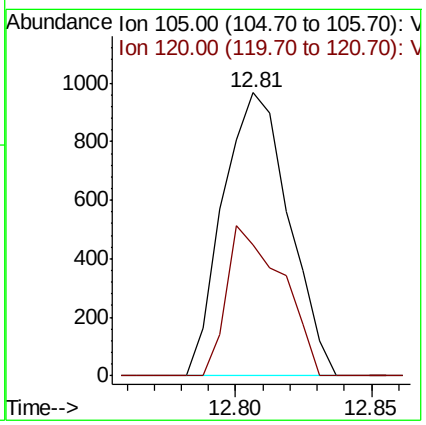


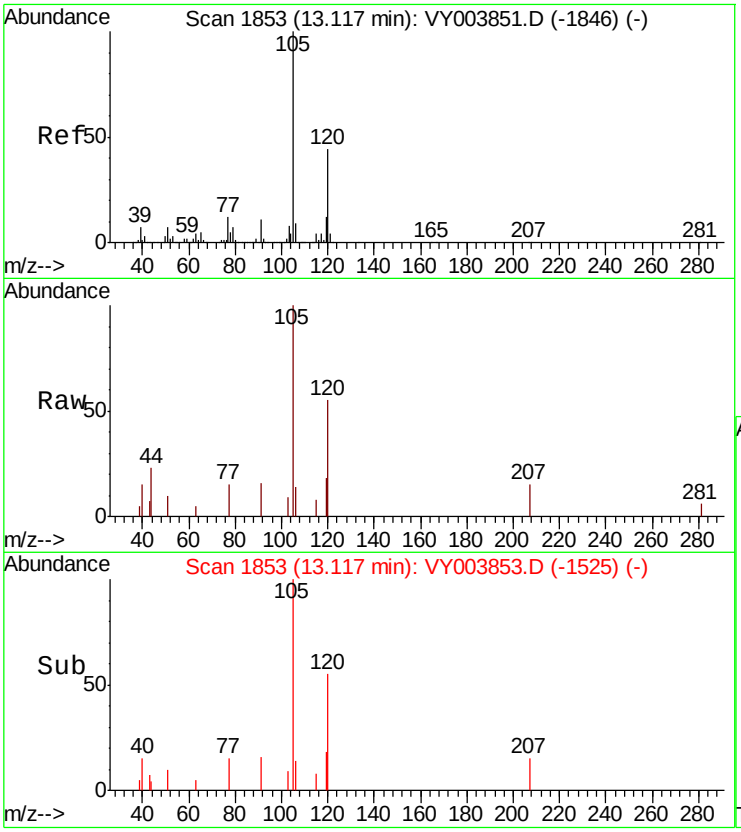


#62
1,3,5-Trimethylbenzene
Concen: 0.086 ug/L
RT: 12.81 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VY003853.D
Acq: 29 Dec 2020 15:23

Tgt Ion:105 Resp: 1627

Ion	Ratio	Lower	Upper
105	100		
120	44.7	39.0	58.4





#63
1,2,4-Trimethylbenzene
Concen: 0.089 ug/L
RT: 13.12 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VY003853.D
Acq: 29 Dec 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VBLK202

Tgt Ion:105 Resp: 1716

Ion	Ratio	Lower	Upper
105	100		
120	49.4	36.5	54.7