Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111119\
Data File : VY000637.D
Acq On : 11 Nov 2019 13:40
Operator : SY/MD
Sample : VY1111SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 12 04:52:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 04:50:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	379912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	348824	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	159277	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	139762	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.60%			
7) Chloroethane-d5	2.76	69	117947	23.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.56%			
11) 1,1-Dichloroethene-d2	3.85	63	188143	18.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.92%			
21) 2-Butanone-d5	6.90	46	118266	46.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.08%			
24) Chloroform-d	7.49	84	229511	23.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.72%			
26) 1,2-Dichloroethane-d4	8.15	65	138214	23.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.48%			
32) Benzene-d6	8.11	84	498640	24.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.88%			
36) 1,2-Dichloropropane-d6	9.13	67	152799	24.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.40%			
41) Toluene-d8	10.18	98	454635	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.00%			
43) trans-1,3-Dichloropropene-	10.44	79	70603	22.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.04%			
47) 2-Hexanone-d5	10.79	63	87710	45.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.16%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	147359	22.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.56%			
66) 1,2-Dichlorobenzene-d4	13.72	152	156481	25.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
16) Methylene chloride	4.72	84	7832	1.265	ug/L	89
39) cis-1,3-Dichloropropene	9.90	75	5870	0.627	ug/L #	74
60) Isopropylbenzene	12.33	105	2153	0.085	ug/L #	90
61) 1,2,3-Trichloropropane	12.63	75	180	0.036	ug/L #	53
62) 1,3,5-Trimethylbenzene	12.33	105	2153	0.104	ug/L	95
63) 1,2,4-Trimethylbenzene	13.12	105	2691	0.131	ug/L #	84

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

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QLast Update : Tue Nov 12 04:50:16 2019
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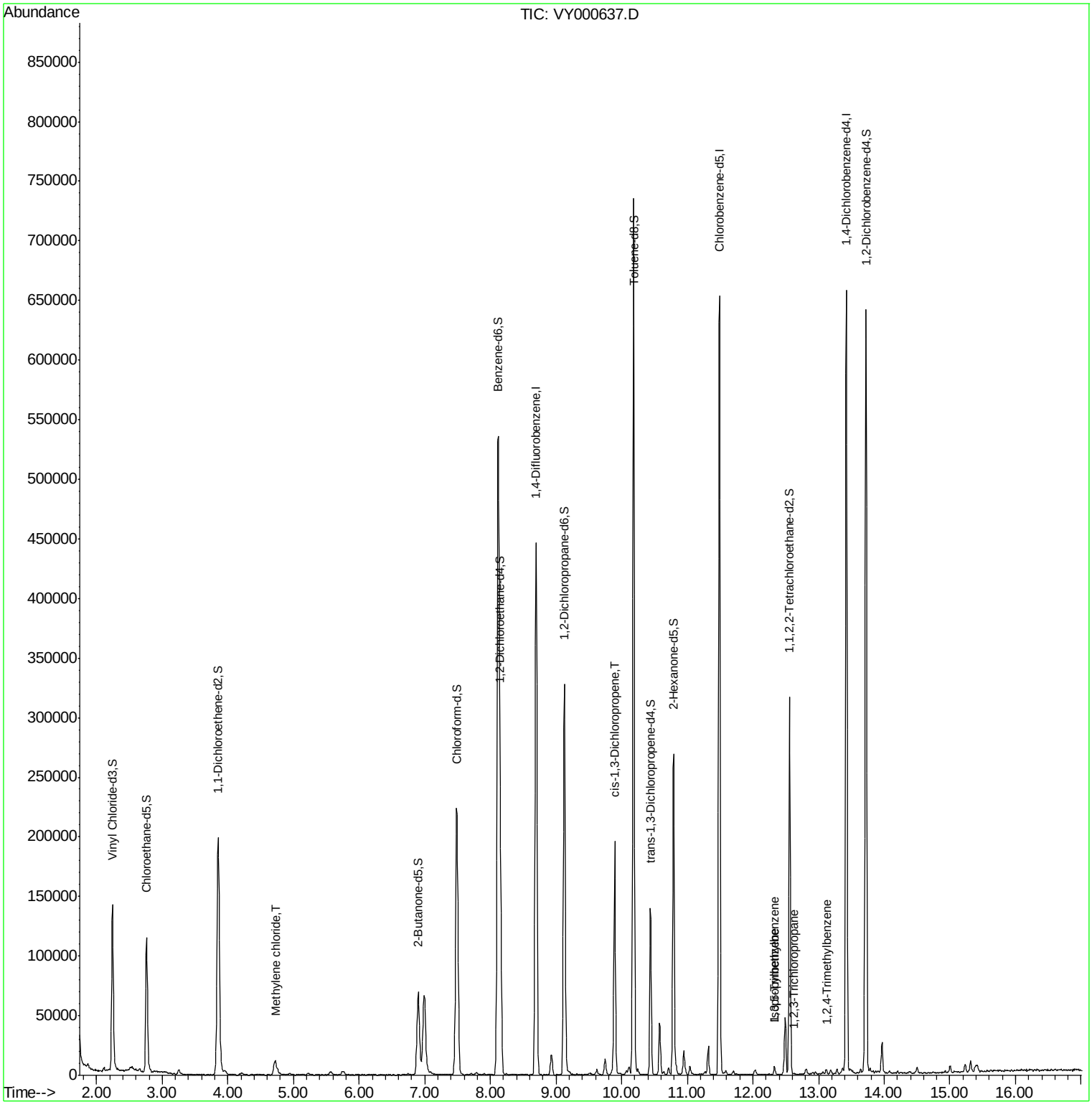
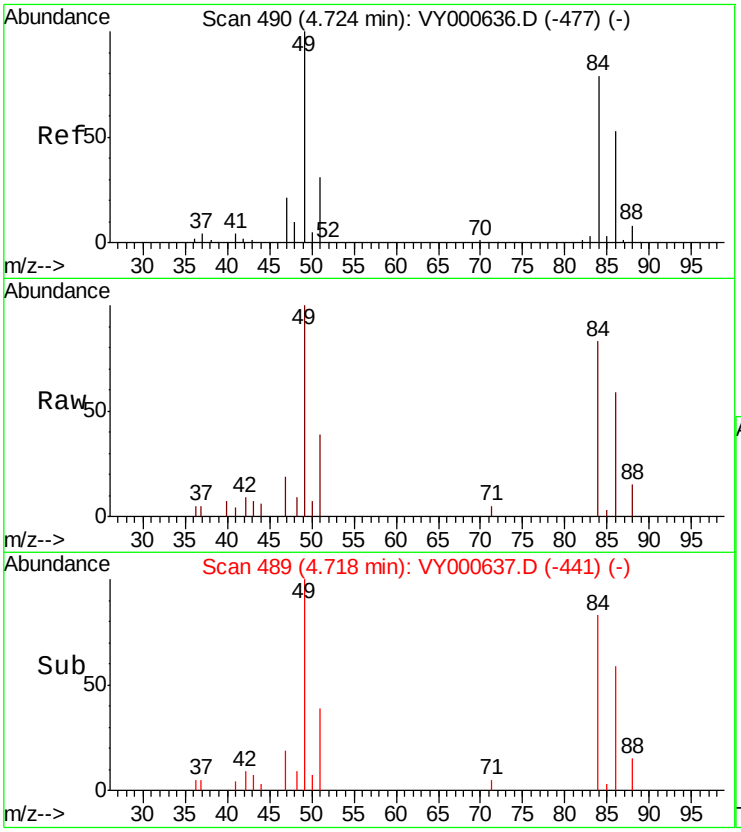


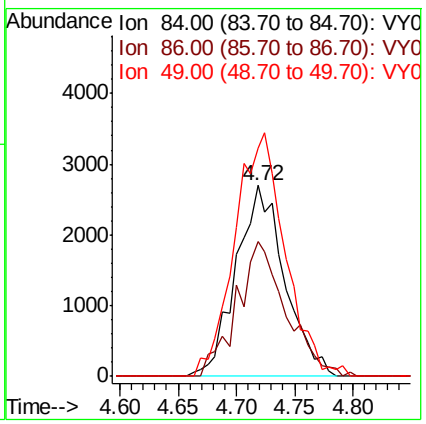


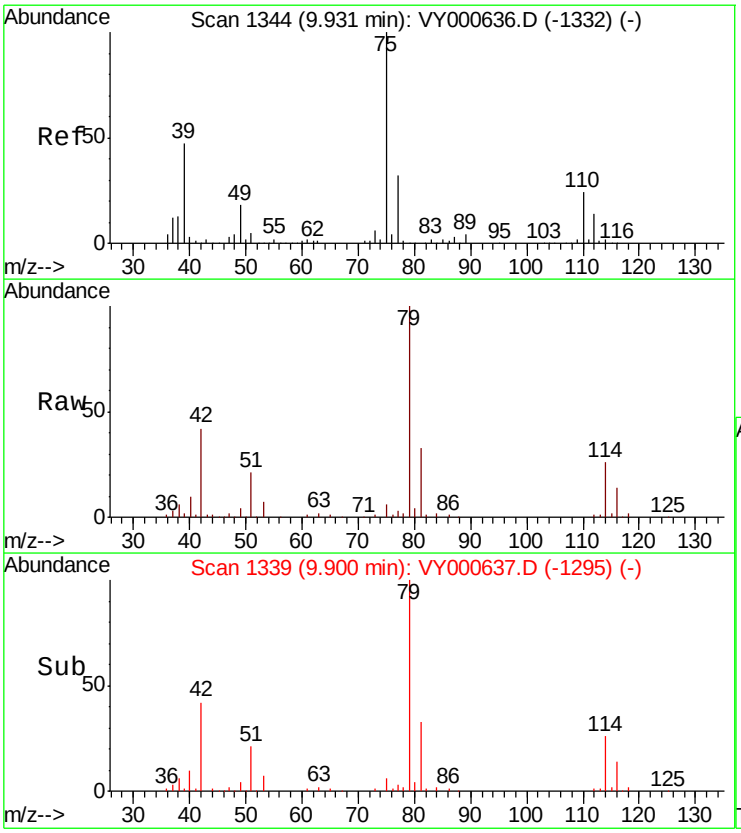
#16
Methylene chloride
Concen: 1.265 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000637.D
Acq: 11 Nov 2019 13:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 7832

Ion	Ratio	Lower	Upper
84	100		
86	70.7	43.4	80.6
49	119.9	92.3	171.3

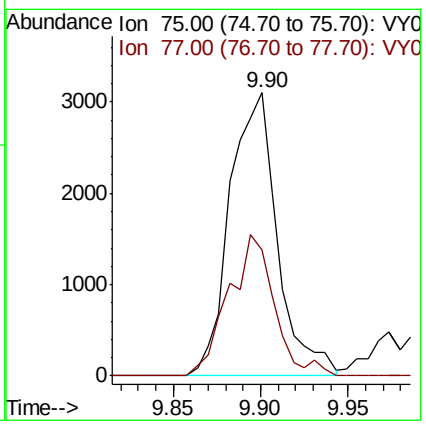


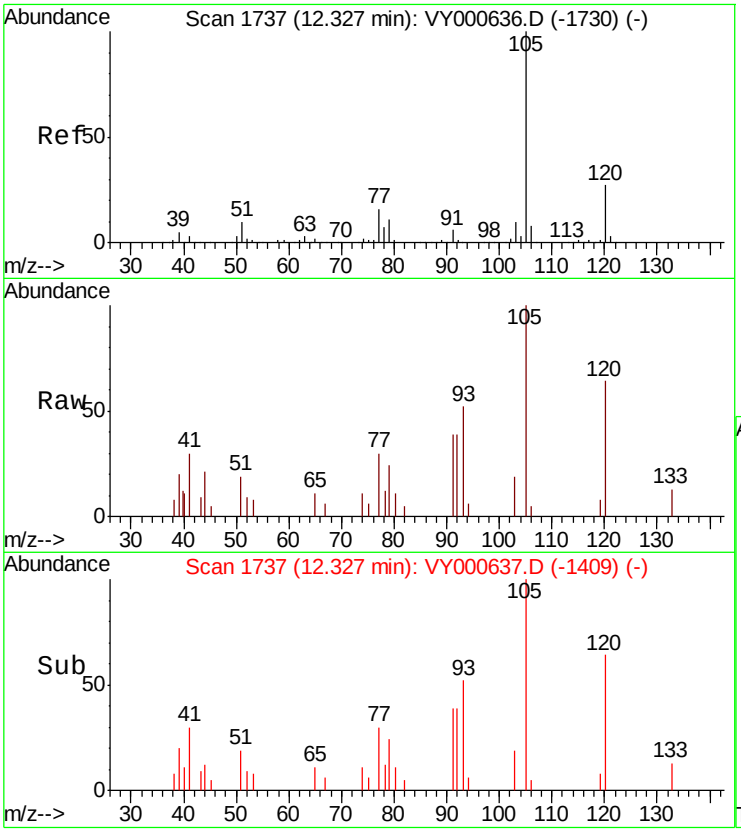


#39
cis-1,3-Dichloropropene
Concen: 0.627 ug/L
RT: 9.90 min Scan# 1339
Delta R.T. -0.03 min
Lab File: VY000637.D
Acq: 11 Nov 2019 13:40

Tgt Ion: 75 Resp: 5870

Ion	Ratio	Lower	Upper
75	100		
77	44.5	21.3	39.6#



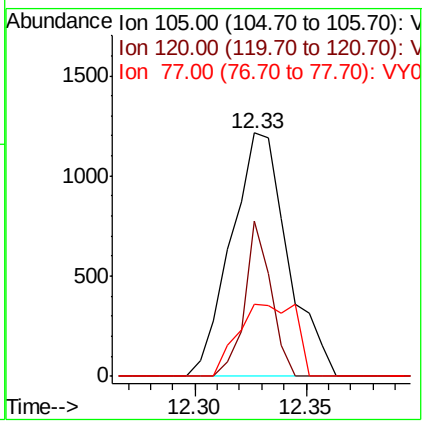


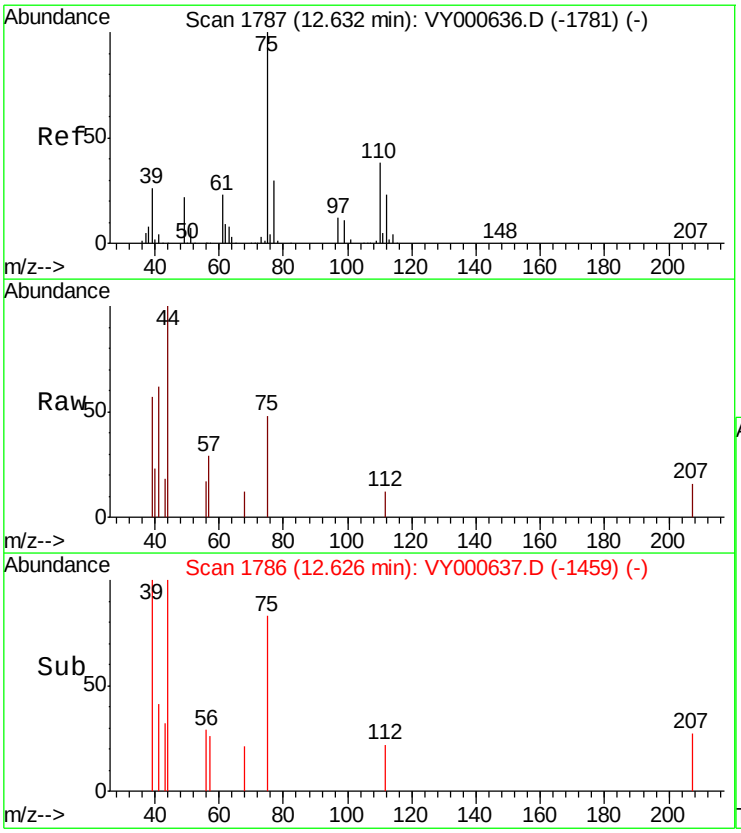
#60
Isopropylbenzene
Concen: 0.085 ug/L
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000637.D
Acq: 11 Nov 2019 13:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 2153

Ion	Ratio	Lower	Upper
105	100		
120	29.6	21.8	32.8
77	24.1	12.6	19.0#

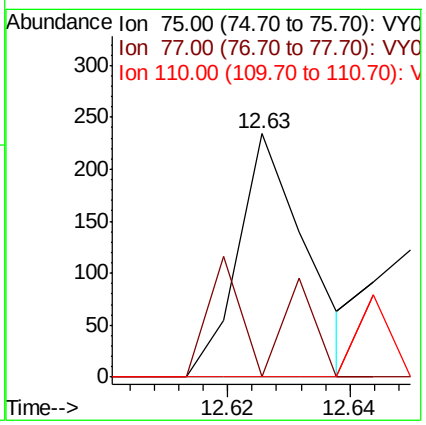


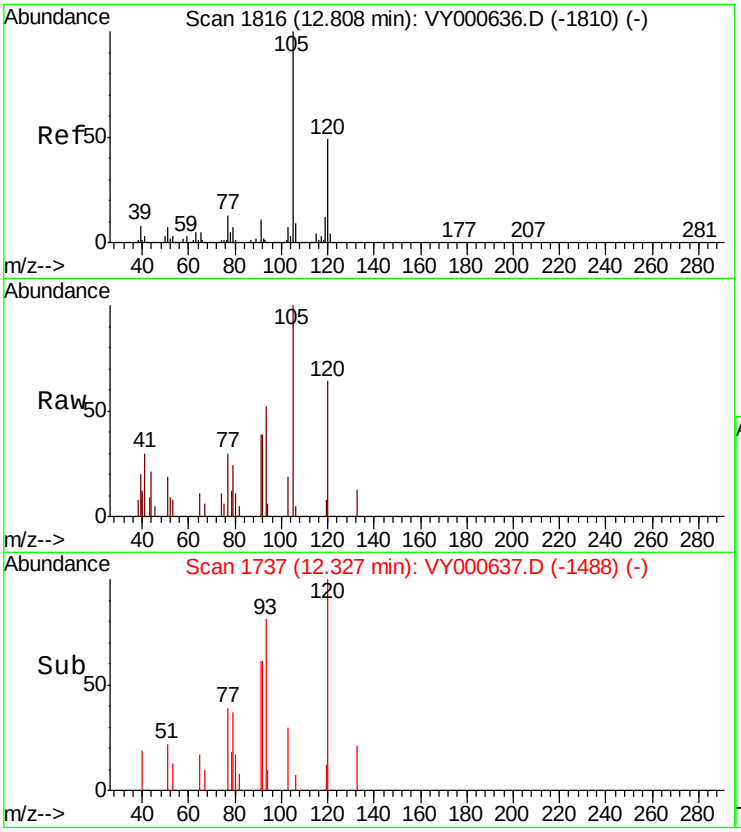


#61
1,2,3-Trichloropropane
Concen: 0.036 ug/L
RT: 12.63 min Scan# 1786
Delta R.T. -0.01 min
Lab File: VY000637.D
Acq: 11 Nov 2019 13:40

Tgt Ion: 75 Resp: 180

Ion	Ratio	Lower	Upper
75	100		
77	19.4	25.4	38.0#
110	0.0	33.0	49.4#



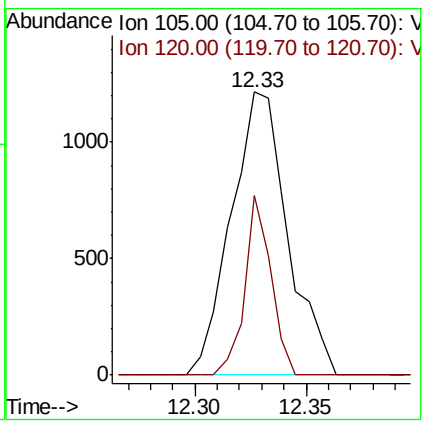


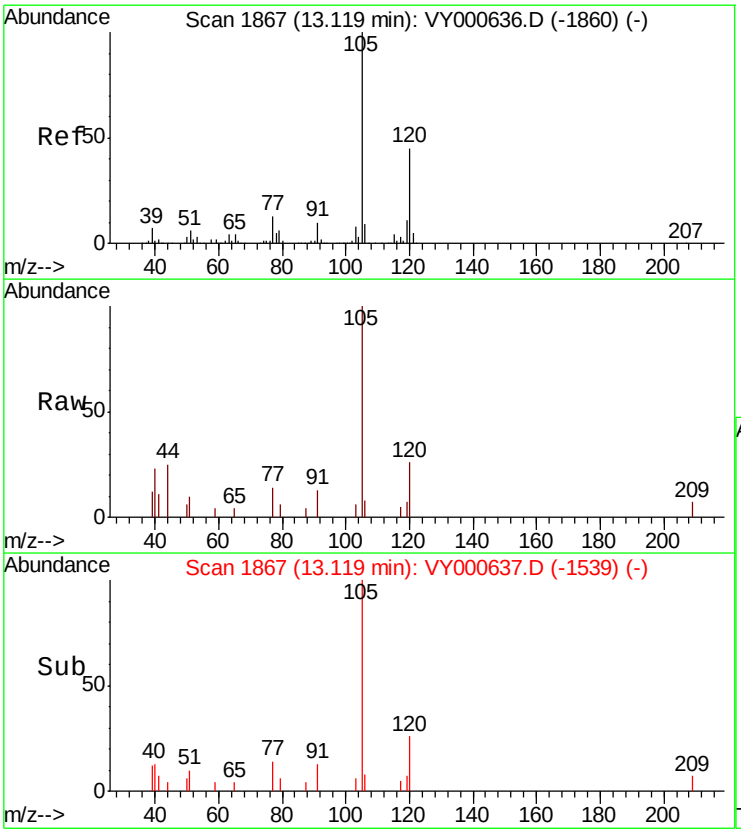
#62
1,3,5-Trimethylbenzene
Concen: 0.104 ug/L
RT: 12.33 min Scan# 1737
Delta R.T. -0.48 min
Lab File: VY000637.D
Acq: 11 Nov 2019 13:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 2153

Ion	Ratio	Lower	Upper
105	100		
120	29.6	25.9	38.9





#63
1,2,4-Trimethylbenzene
Concen: 0.131 ug/L
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000637.D
Acq: 11 Nov 2019 13:40

Tgt Ion:105 Resp: 2691

Ion	Ratio	Lower	Upper
105	100		
120	39.5	40.3	60.5#