Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121319\
Data File : VY000938.D
Acq On : 13 Dec 2019 10:50
Operator : SY/MD
Sample : VY1213SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 14 05:57:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 09:49:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	461162	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	418966	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	191136	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	124415	17.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.84%			
7) Chloroethane-d5	2.76	69	121030	19.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.08%			
11) 1,1-Dichloroethene-d2	3.85	63	194020	15.91	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.64%			
21) 2-Butanone-d5	6.89	46	162104	52.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.10%			
24) Chloroform-d	7.49	84	259551	21.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.36%			
26) 1,2-Dichloroethane-d4	8.14	65	151654	20.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.60%			
32) Benzene-d6	8.11	84	571440	23.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.36%			
36) 1,2-Dichloropropane-d6	9.12	67	186093	25.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.80%			
41) Toluene-d8	10.17	98	509034	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	10.44	79	81360	21.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.32%			
47) 2-Hexanone-d5	10.78	63	122475	53.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.00%			
56) 1,1,2,2-Tetrachloroethane-	12.55	84	183463	22.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.80%			
66) 1,2-Dichlorobenzene-d4	13.72	152	174050	23.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.24%			
Target Compounds						Qvalue
13) Acetone	3.94	43	7538	2.561	ug/L	98
16) Methylene chloride	4.72	84	7728	1.028	ug/L #	64
44) trans-1,3-Dichloropropene	10.44	75	4730	0.476	ug/L	83
60) Isopropylbenzene	12.32	105	3268	0.107	ug/L #	90
61) 1,2,3-Trichloropropane	12.63	75	492	0.081	ug/L #	72
62) 1,3,5-Trimethylbenzene	12.32	105	3268	0.131	ug/L	97
63) 1,2,4-Trimethylbenzene	13.11	105	4122	0.168	ug/L	98

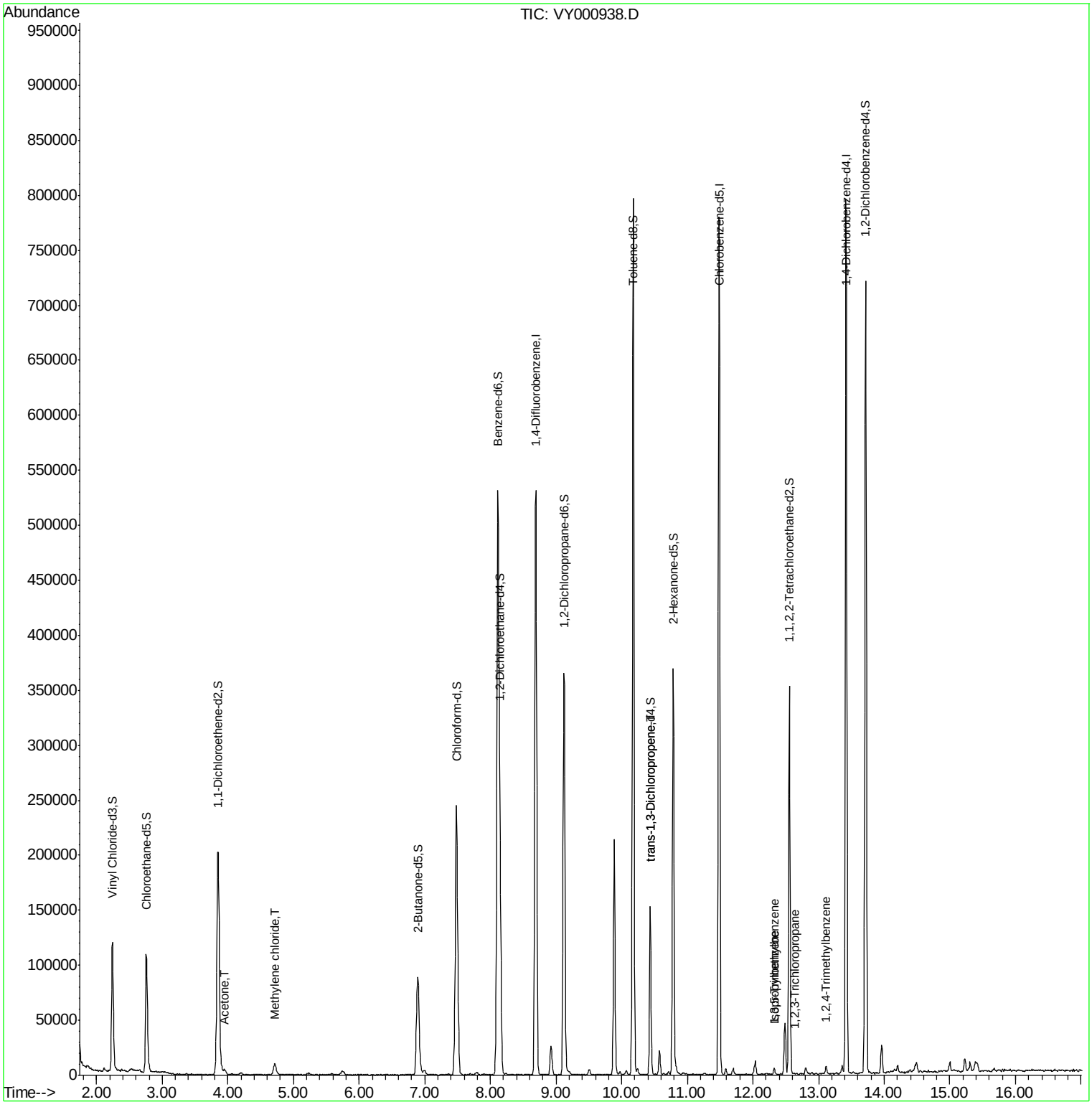
(#) = qualifier out of range (m) = manual integration (+) = signals summed

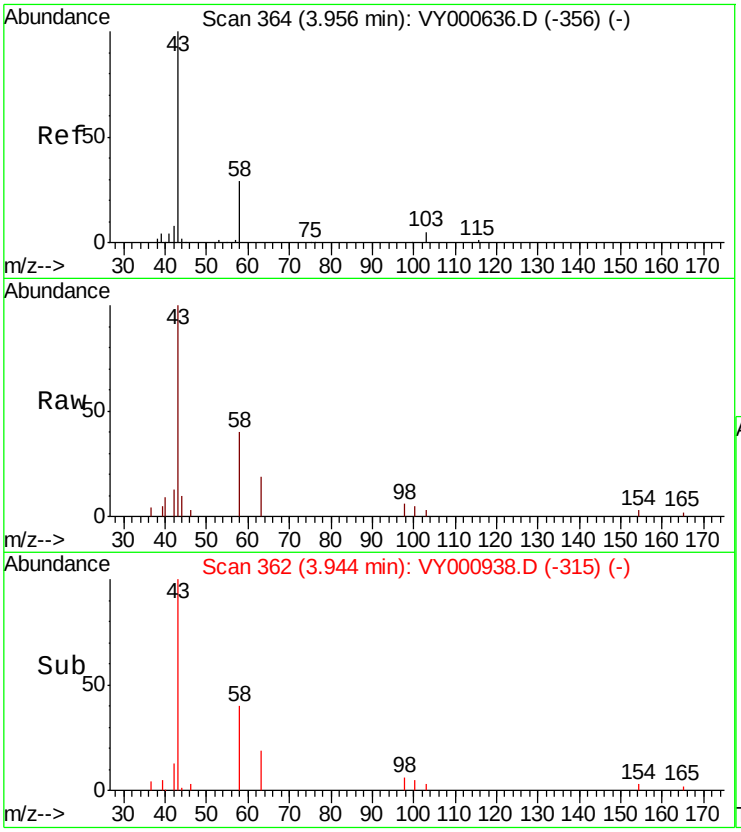
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121319\
Data File : VY000938.D
Acq On : 13 Dec 2019 10:50
Operator : SY/MD
Sample : VY1213SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 14 05:57:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 09:49:35 2019
Response via : Initial Calibration



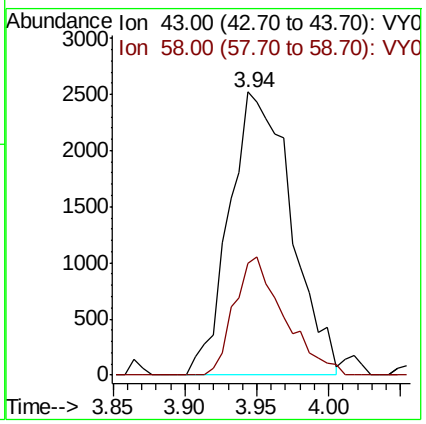


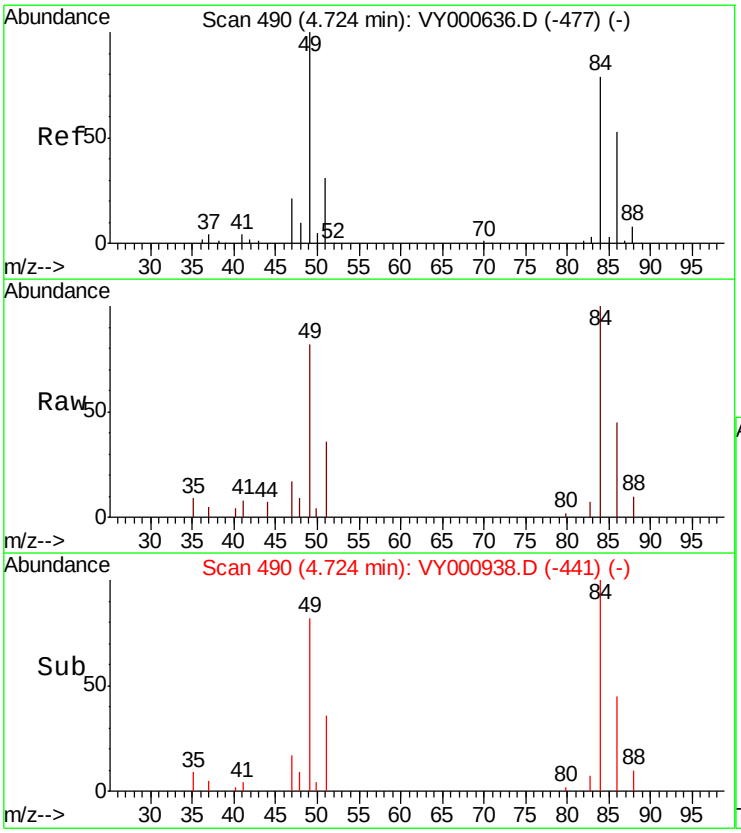
#13
Acetone
Concen: 2.561 ug/L
RT: 3.94 min Scan# 362
Delta R.T. -0.01 min
Lab File: VY000938.D
Acq: 13 Dec 2019 10:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 7538

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	69.6

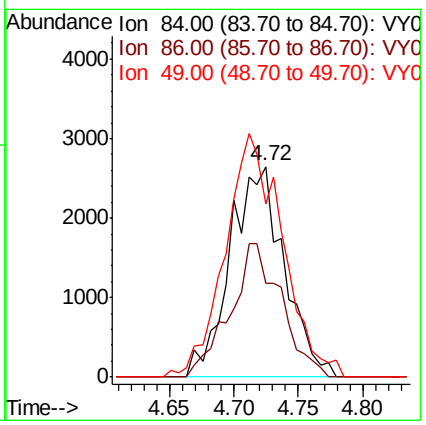


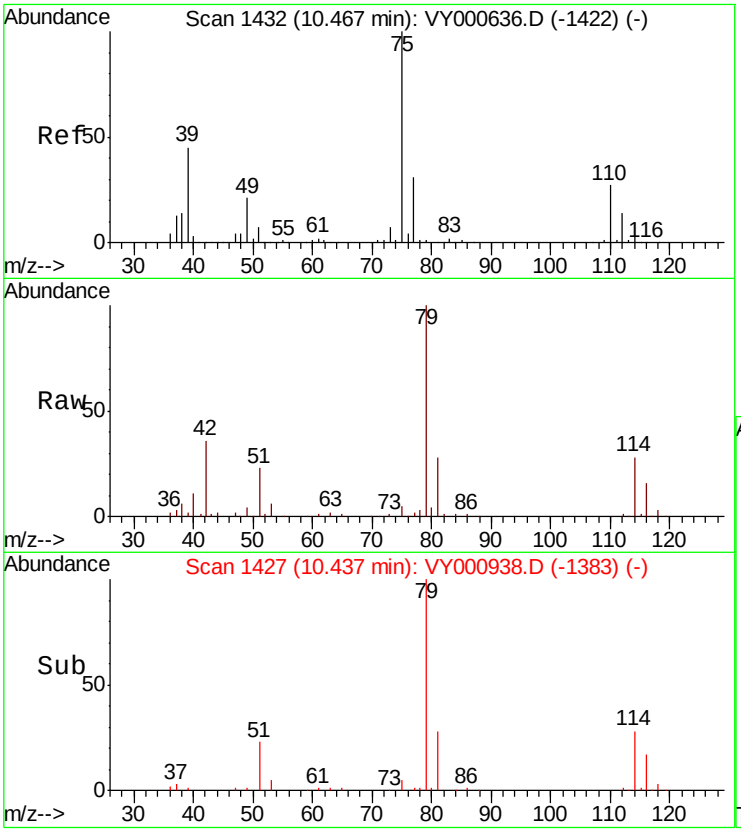


#16
Methylene chloride
Concen: 1.028 ug/L
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000938.D
Acq: 13 Dec 2019 10:50

Tgt Ion: 84 Resp: 7728

Ion	Ratio	Lower	Upper
84	100		
86	44.7	43.4	80.6
49	82.2	92.3	171.3#



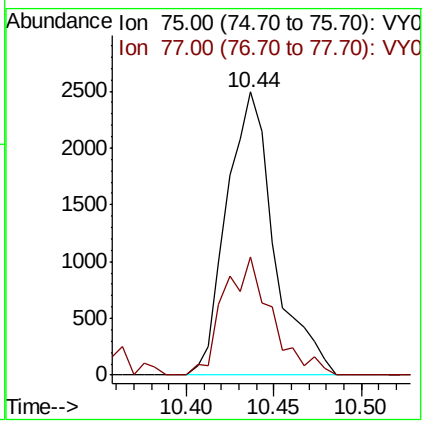


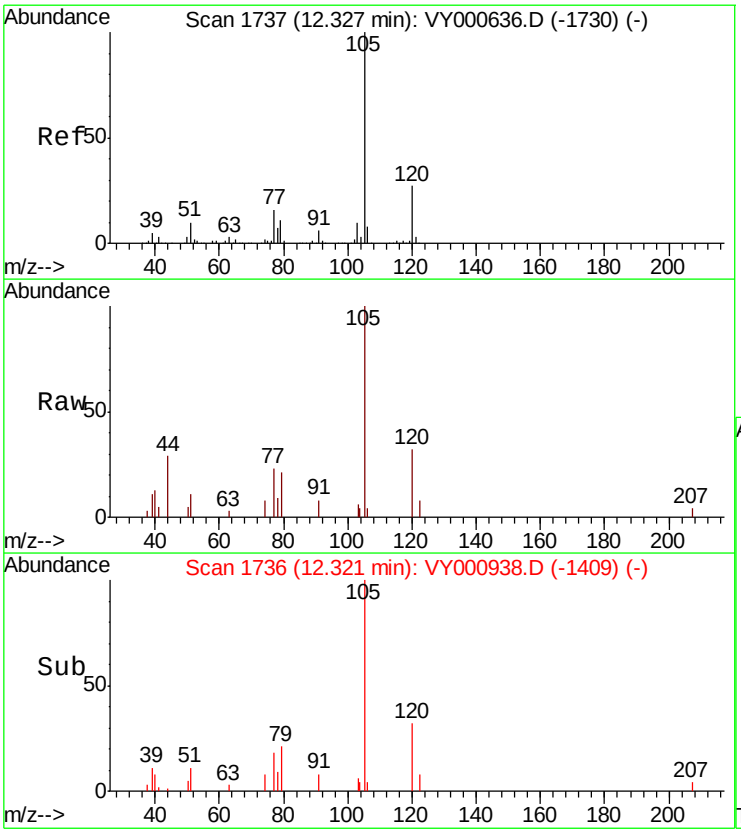
#44
trans-1,3-Dichloropropene
Concen: 0.476 ug/L
RT: 10.44 min Scan# 1427
Delta R.T. -0.03 min
Lab File: VY000938.D
Acq: 13 Dec 2019 10:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4730

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.7	42.1

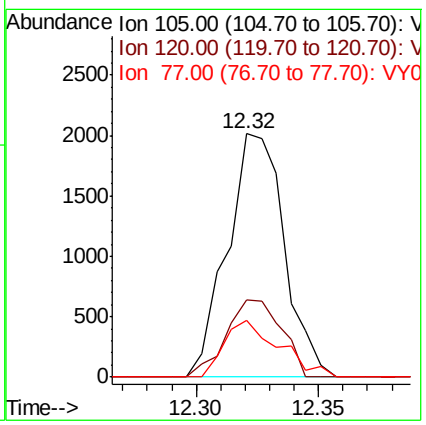


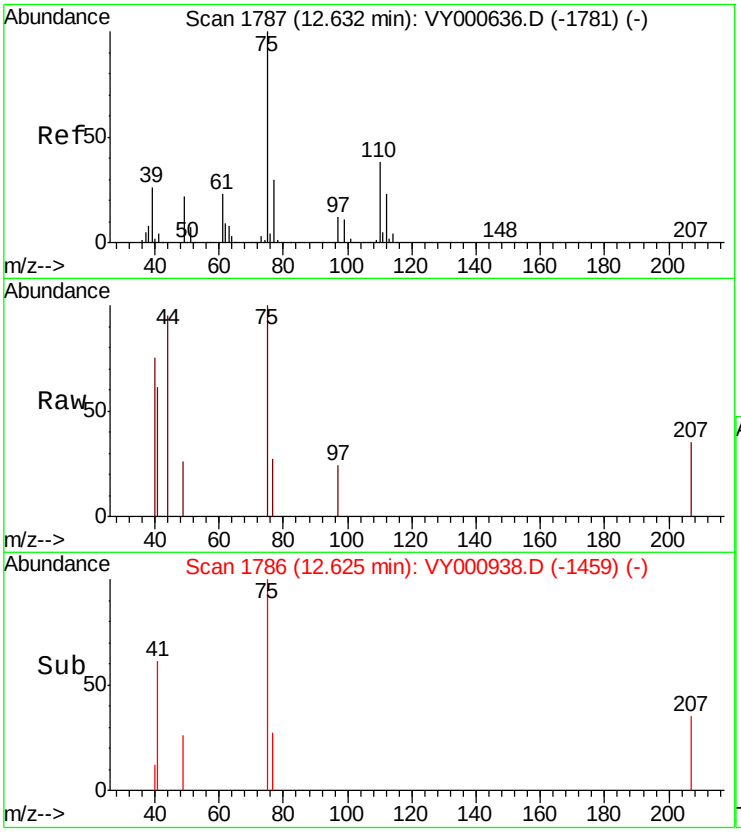


#60
Isopropylbenzene
Concen: 0.107 ug/L
RT: 12.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VY000938.D
Acq: 13 Dec 2019 10:50

Tgt Ion:105 Resp: 3268

Ion	Ratio	Lower	Upper
105	100		
120	30.8	21.8	32.8
77	22.4	12.6	19.0#



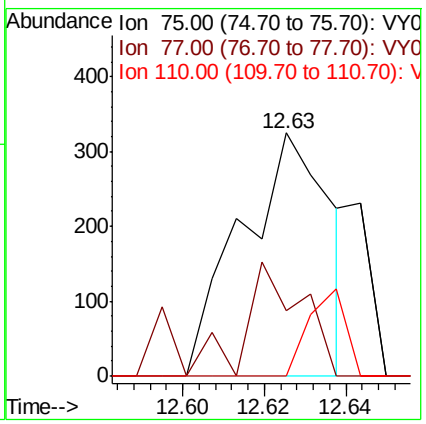


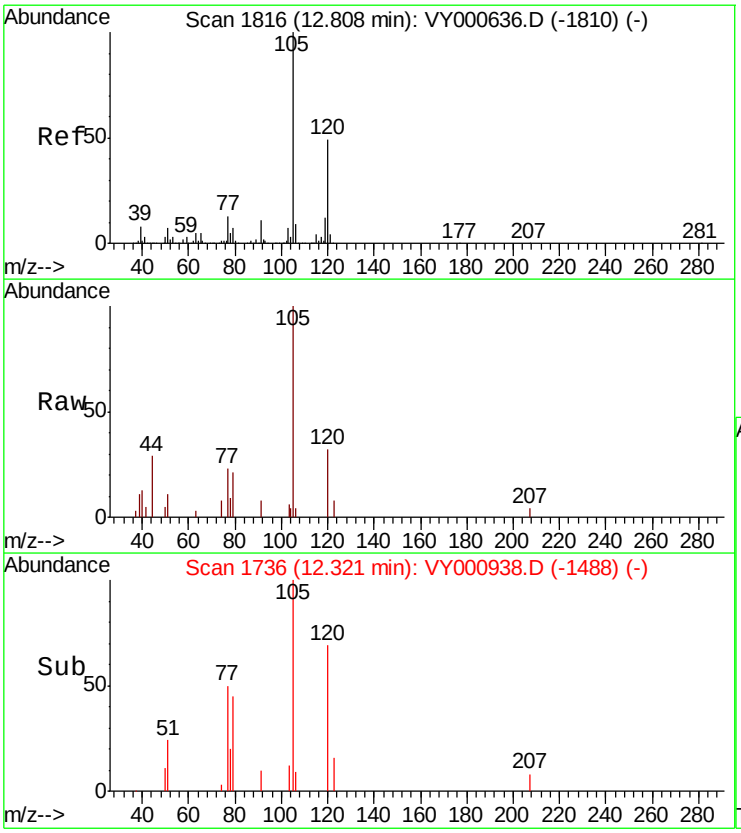
#61
1,2,3-Trichloropropane
Concen: 0.081 ug/L
RT: 12.63 min Scan# 1786
Delta R.T. -0.01 min
Lab File: VY000938.D
Acq: 13 Dec 2019 10:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 492

Ion	Ratio	Lower	Upper
75	100		
77	26.0	25.4	38.0
110	14.8	33.0	49.4#

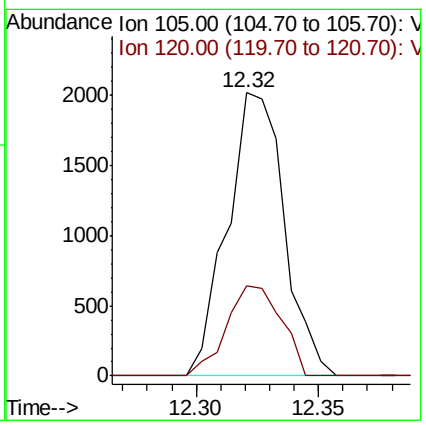


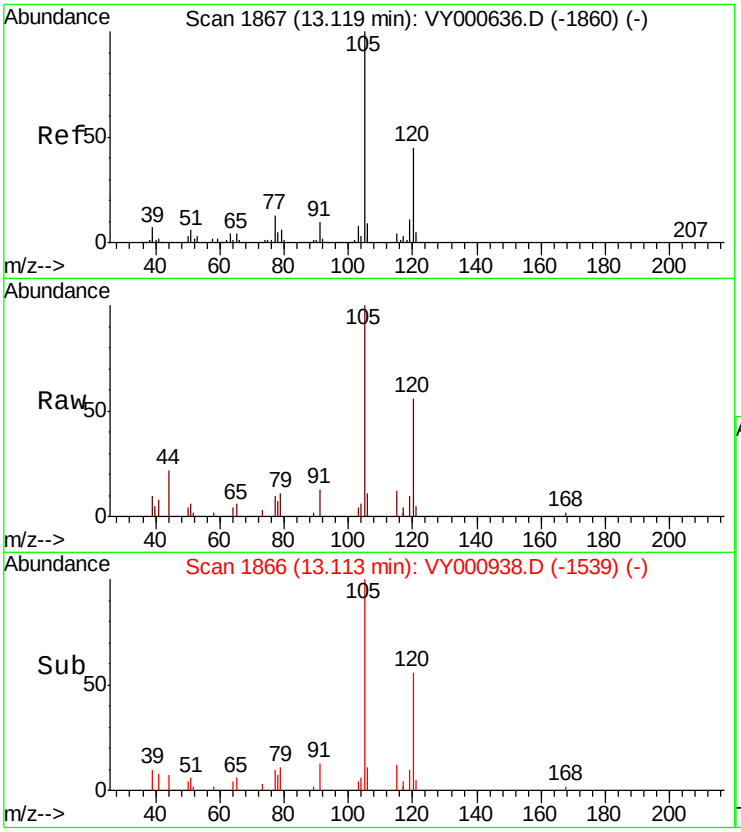


#62
1,3,5-Trimethylbenzene
Concen: 0.131 ug/L
RT: 12.32 min Scan# 1736
Delta R.T. -0.49 min
Lab File: VY000938.D
Acq: 13 Dec 2019 10:50

Tgt Ion:105 Resp: 3268

Ion	Ratio	Lower	Upper
105	100		
120	30.8	25.9	38.9





#63
1,2,4-Trimethylbenzene
Concen: 0.168 ug/L
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000938.D
Acq: 13 Dec 2019 10:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 4122

Ion	Ratio	Lower	Upper
105	100		
120	51.7	40.3	60.5