Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110519\
Data File : VY000536.D
Acq On : 05 Nov 2019 14:42
Operator : SY/MD
Sample : VY1105SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK771

Quant Time: Nov 06 07:04:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 06 07:01:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	355588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	326627	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	155905	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	151624	27.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.96%			
7) Chloroethane-d5	2.76	69	127331	26.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.92%			
11) 1,1-Dichloroethene-d2	3.85	63	196258	20.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.52%			
21) 2-Butanone-d5	6.90	46	131623	55.34	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.68%			
24) Chloroform-d	7.49	84	246056	26.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	8.15	65	149546	26.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.92%			
32) Benzene-d6	8.12	84	526147	27.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.44%			
36) 1,2-Dichloropropane-d6	9.13	67	159562	27.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.88%			
41) Toluene-d8	10.18	98	485855	27.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.68%			
43) trans-1,3-Dichloropropene-	10.44	79	77852	26.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.20%			
47) 2-Hexanone-d5	10.79	63	100818	55.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.92%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	163766	26.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.12%			
66) 1,2-Dichlorobenzene-d4	13.72	152	172984	28.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.64%			
Target Compounds						Qvalue
16) Methylene chloride	4.72	84	4168	0.719	ug/L	86
37) 1,2-Dichloropropane	9.13	63	18300	3.344	ug/L #	87
60) Isopropylbenzene	12.33	105	1305	0.053	ug/L #	68
61) 1,2,3-Trichloropropane	12.64	75	286	0.058	ug/L #	57
62) 1,3,5-Trimethylbenzene	12.49	105	151	0.007	ug/L	89
63) 1,2,4-Trimethylbenzene	12.81	105	1403	0.070	ug/L	86

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

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ClientSampleId :
VBLK771

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Quant Title : VOC Analysis
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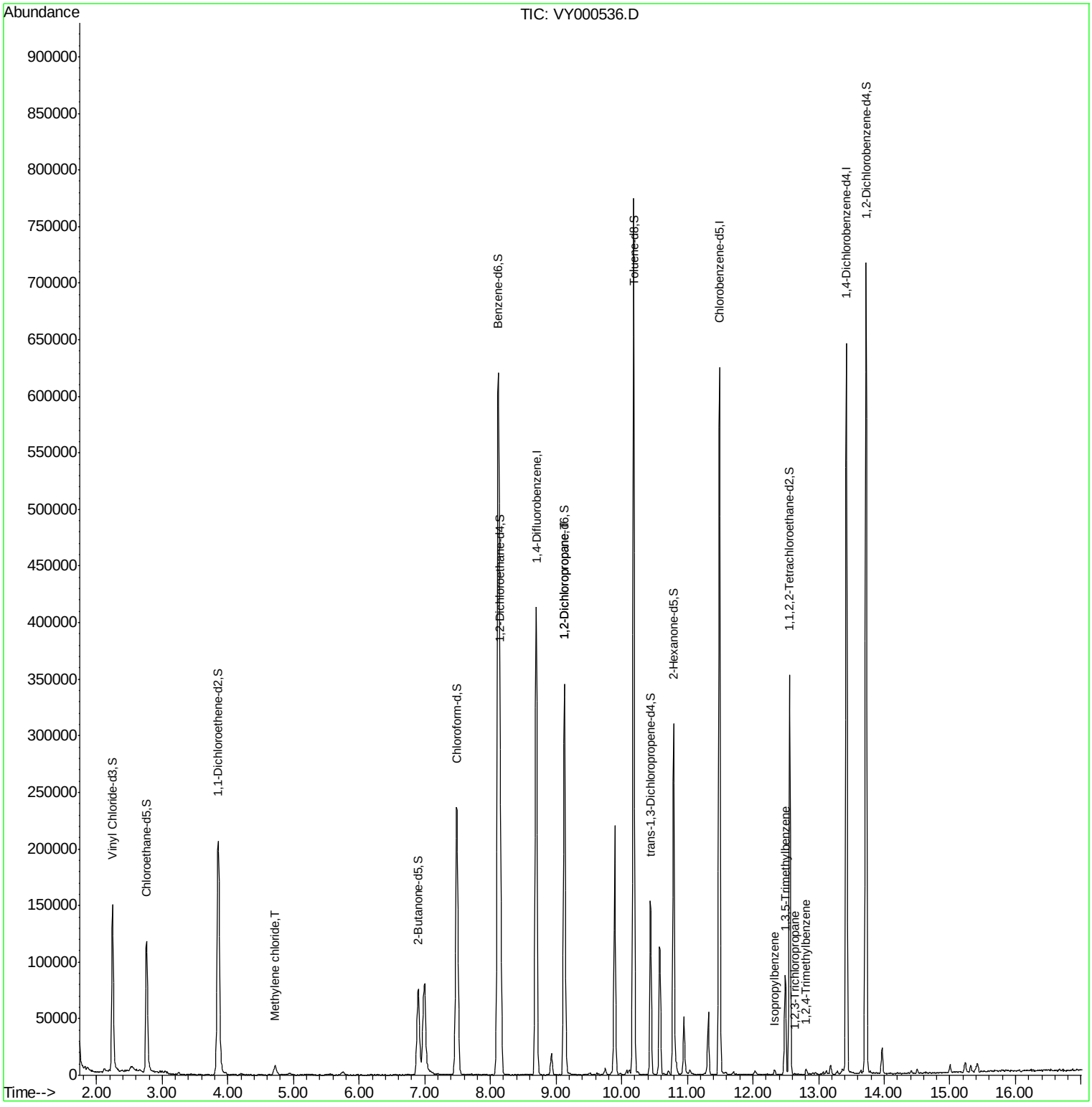
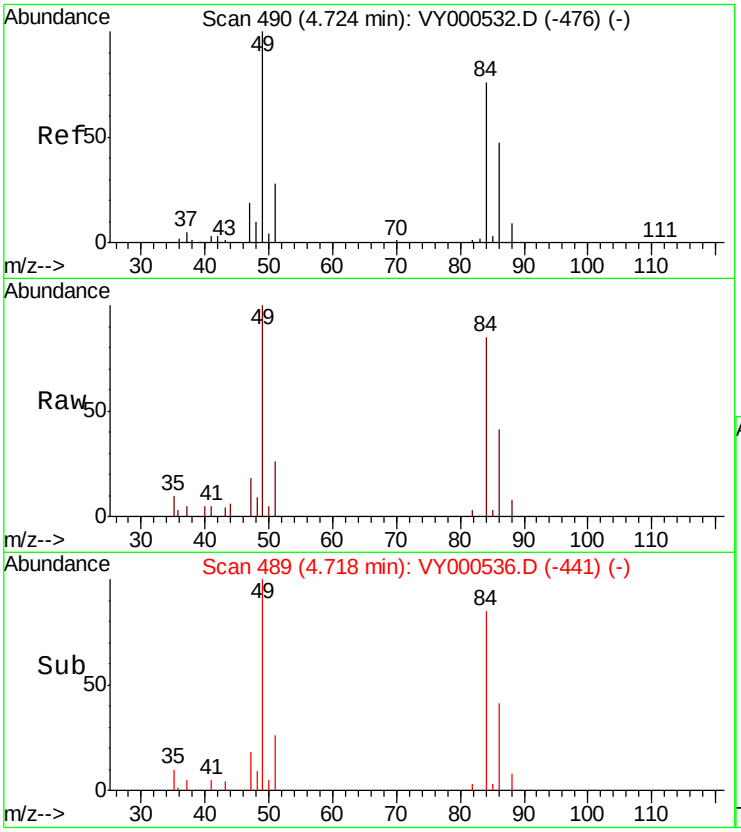


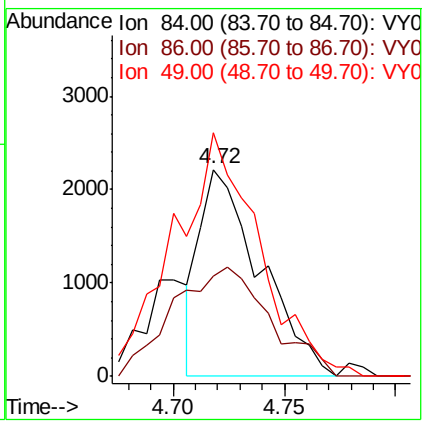


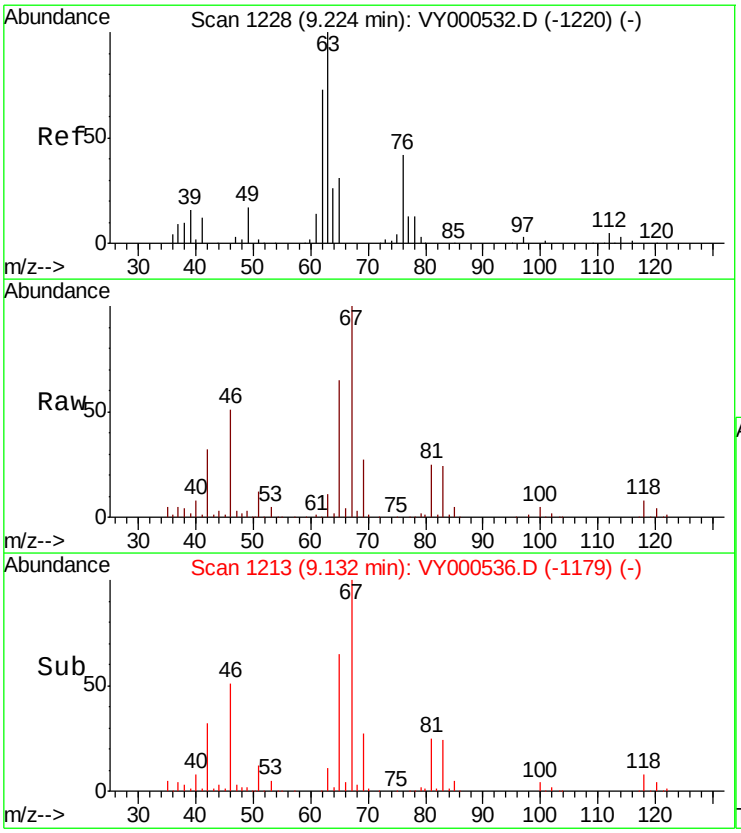
#16
Methylene chloride
Concen: 0.719 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000536.D
Acq: 05 Nov 2019 14:42

Instrument : MSVOA_Y
ClientSampleId : VBLK771

Tgt Ion: 84 Resp: 4168

Ion	Ratio	Lower	Upper
84	100		
86	48.7	43.4	80.6
49	117.8	92.3	171.3

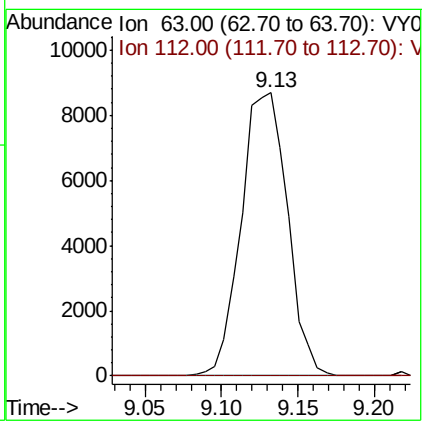


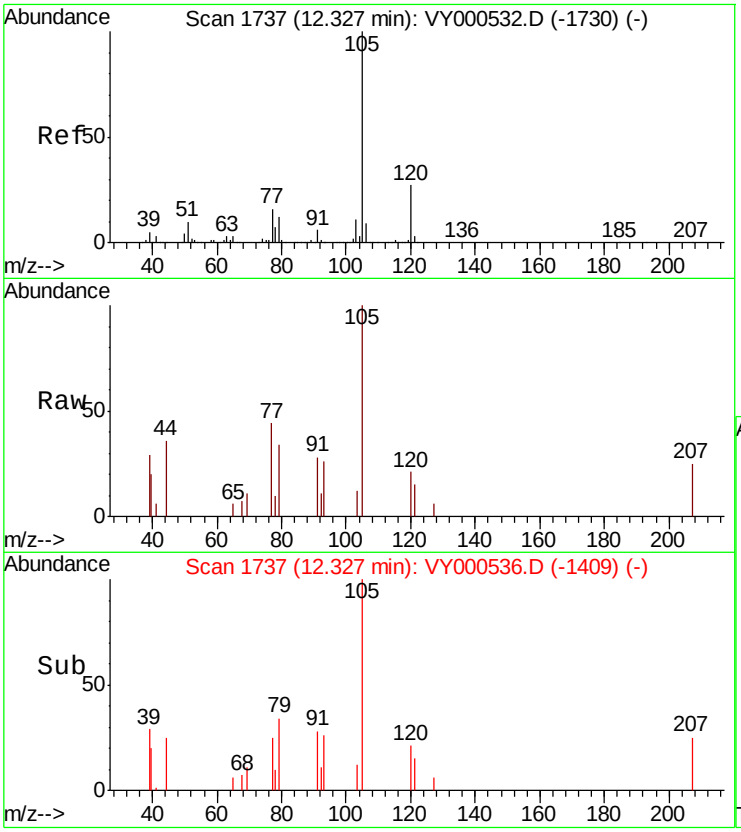


#37
1,2-Dichloropropane
Concen: 3.344 ug/L
RT: 9.13 min Scan# 1213
Delta R.T. -0.09 min
Lab File: VY000536.D
Acq: 05 Nov 2019 14:42

Tgt Ion: 63 Resp: 18300

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



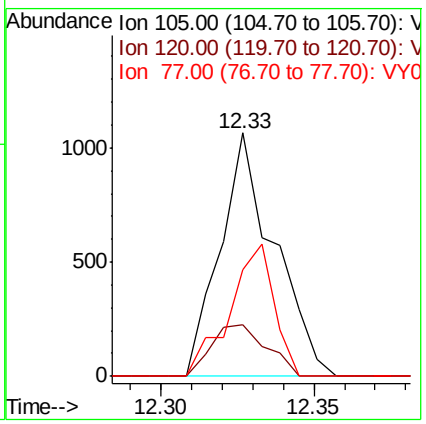


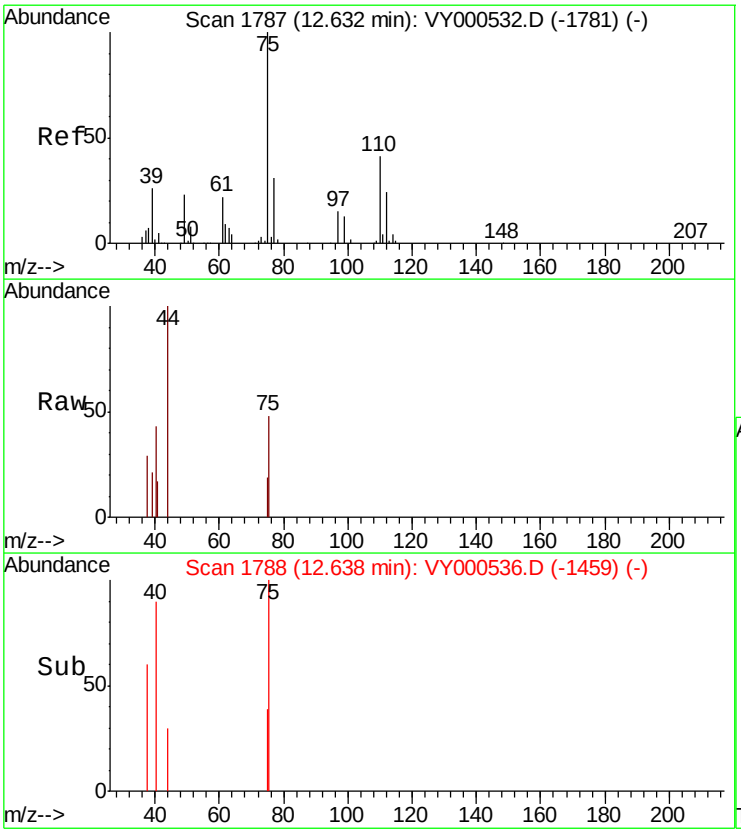
#60
Isopropylbenzene
Concen: 0.053 ug/L
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000536.D
Acq: 05 Nov 2019 14:42

Instrument : MSVOA_Y
ClientSampleId : VBLK771

Tgt Ion:105 Resp: 1305

Ion	Ratio	Lower	Upper
105	100		
120	21.6	21.8	32.8#
77	44.5	12.6	19.0#

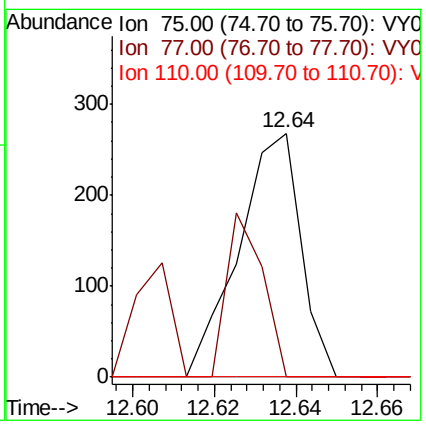


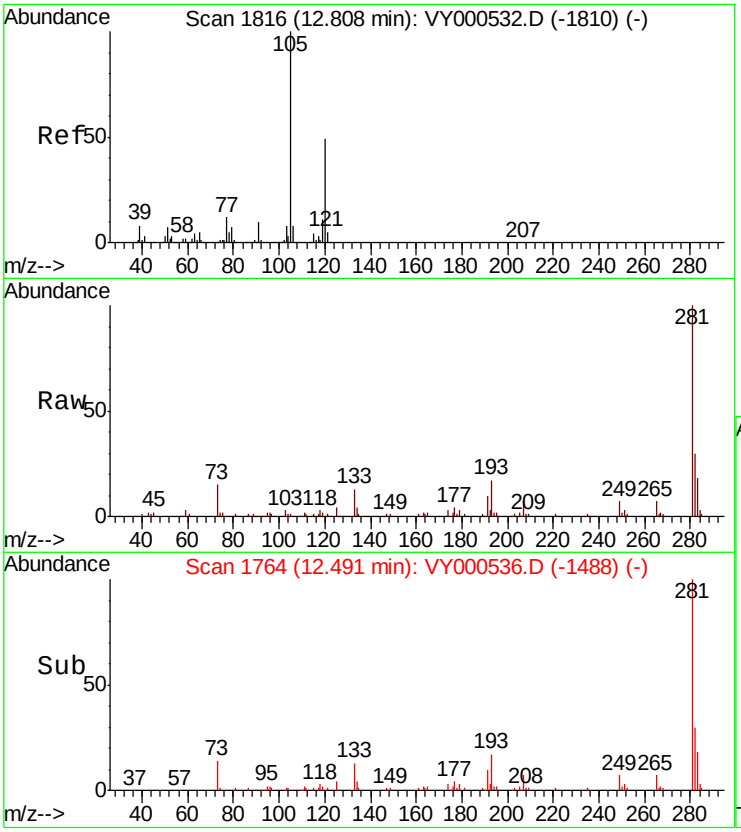


#61
1,2,3-Trichloropropane
Concen: 0.058 ug/L
RT: 12.64 min Scan# 1788
Delta R.T. 0.01 min
Lab File: VY000536.D
Acq: 05 Nov 2019 14:42

Tgt Ion: 75 Resp: 286

Ion	Ratio	Lower	Upper
75	100		
77	38.8	25.4	38.0#
110	0.0	33.0	49.4#



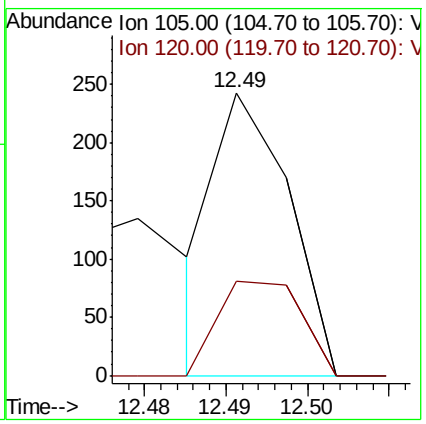


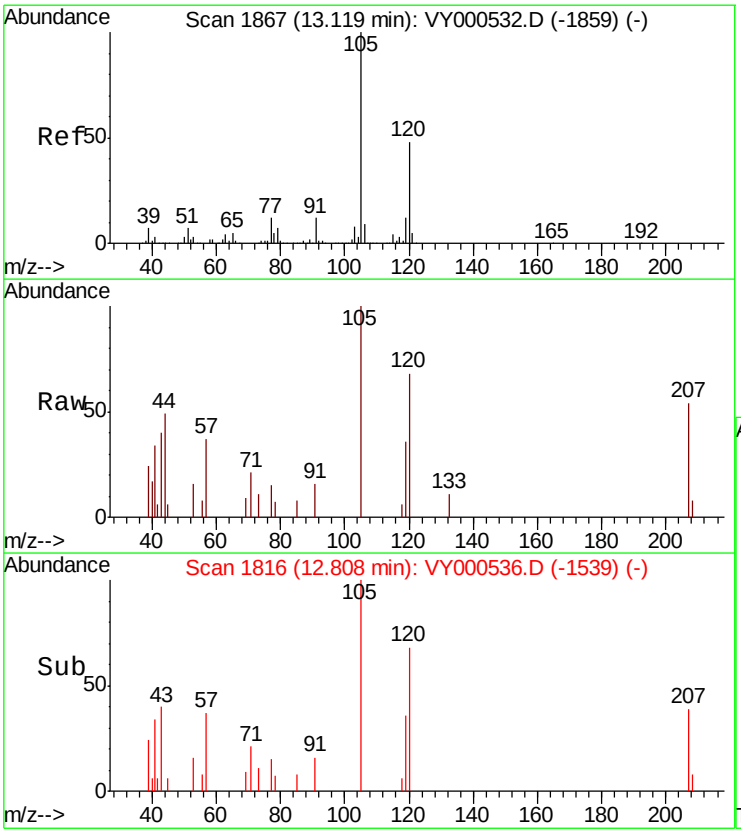
#62
1,3,5-Trimethylbenzene
Concen: 0.007 ug/L
RT: 12.49 min Scan# 1764
Delta R.T. -0.32 min
Lab File: VY000536.D
Acq: 05 Nov 2019 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VBLK771

Tgt Ion:105 Resp: 151

Ion	Ratio	Lower	Upper
105	100		
120	38.4	25.9	38.9





#63
1,2,4-Trimethylbenzene
Concen: 0.070 ug/L
RT: 12.81 min Scan# 1816
Delta R.T. -0.31 min
Lab File: VY000536.D
Acq: 05 Nov 2019 14:42

Tgt Ion:105 Resp: 1403

Ion	Ratio	Lower	Upper
105	100		
120	60.2	40.3	60.5