Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\

Quantitation Report (Not Reviewed)

Data File : VU030466.D
Acq On : 27 Mar 2019 00:12
Operator : JC/SP
Sample : K2063-13 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6S0

Quant Time: Mar 27 06:07:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458288	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	428432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173347	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	179666	48.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.42%			
7) Chloroethane-d5	1.67	69	145033	49.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.22%			
11) 1,1-Dichloroethene-d2	2.27	63	252531	36.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.18%			
21) 2-Butanone-d5	4.17	46	371630	107.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.19%			
24) Chloroform-d	4.64	84	308823	48.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.31	65	210235	50.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.12%			
32) Benzene-d6	5.34	84	628138	51.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.26%			
36) 1,2-Dichloropropane-d6	6.32	67	227252	54.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.12%			
41) Toluene-d8	7.56	98	543804	49.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.56%			
43) trans-1,3-Dichloropropene-	7.85	79	93509	47.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.62%			
47) 2-Hexanone-d5	8.31	63	242037	106.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.25%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306042	50.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	182861	52.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.30%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1882	0.563	ug/L #	21
42) Toluene	7.64	91	14066	0.929	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3722	0.711	ug/L	90
48) 2-Hexanone	8.37	43	6101	1.071	ug/L #	41
53) m,p-Xylene	9.38	106	3144	0.531	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	23734	4.711	ug/L	93

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

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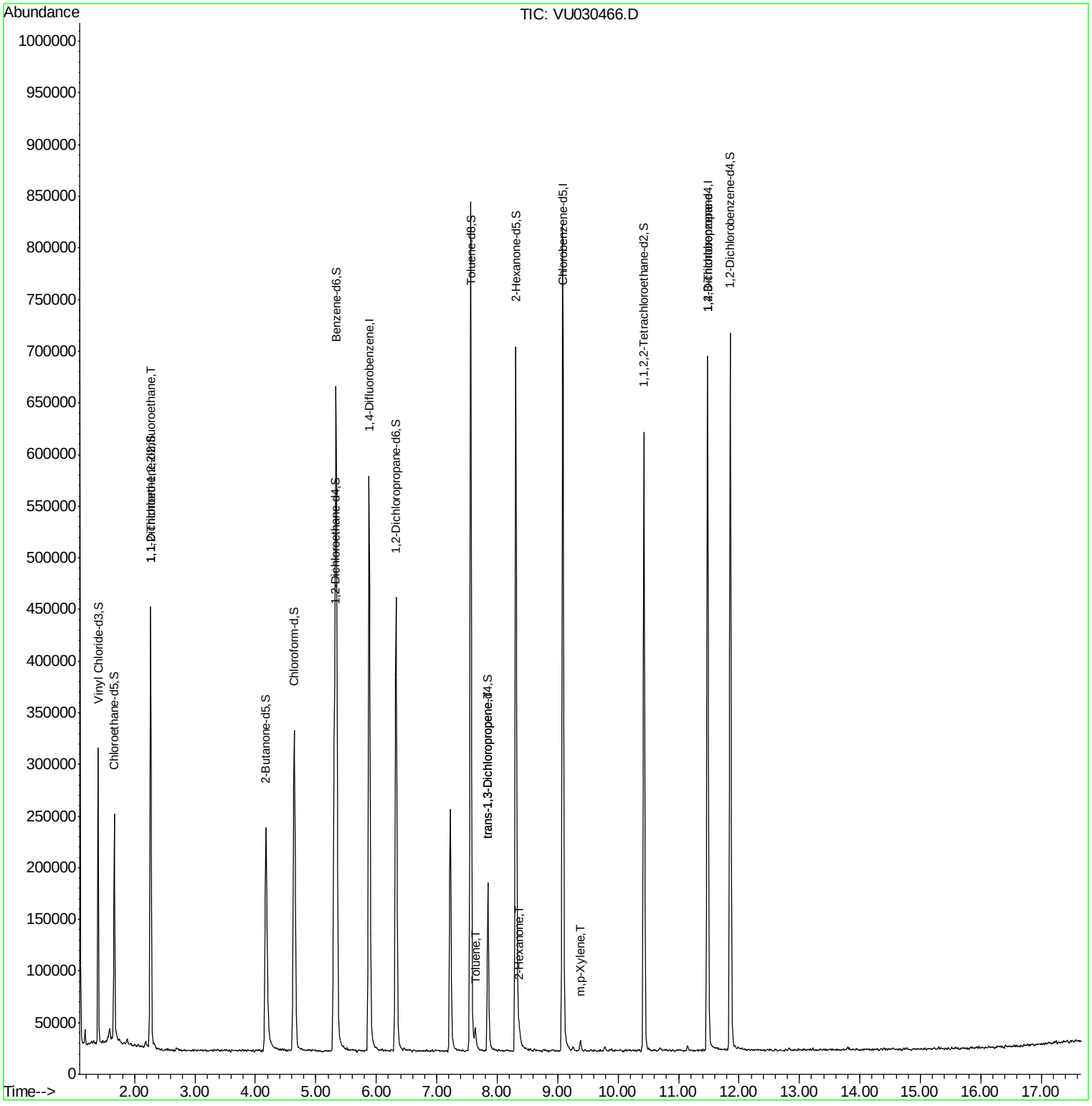
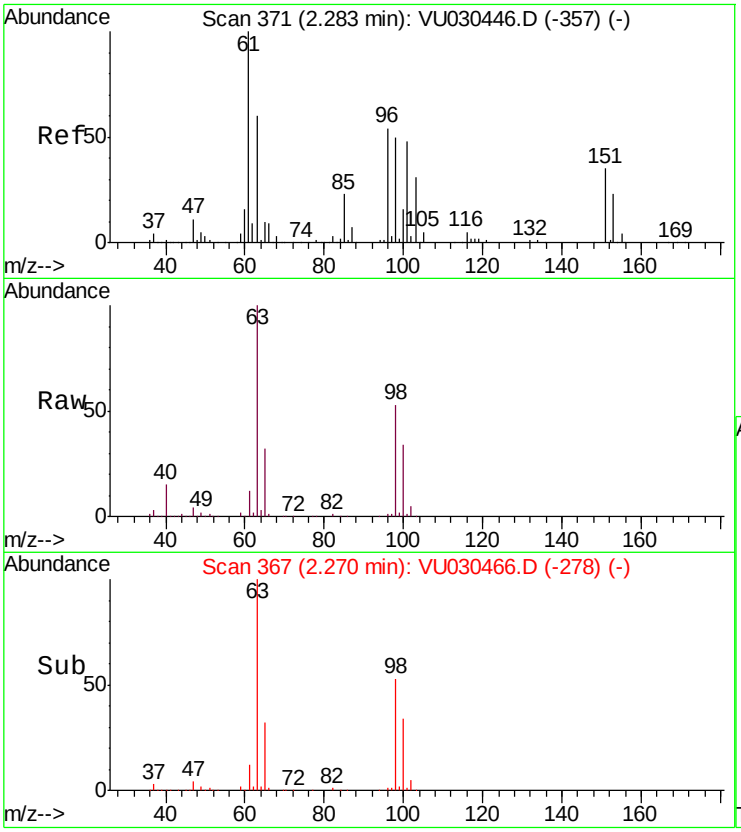
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration



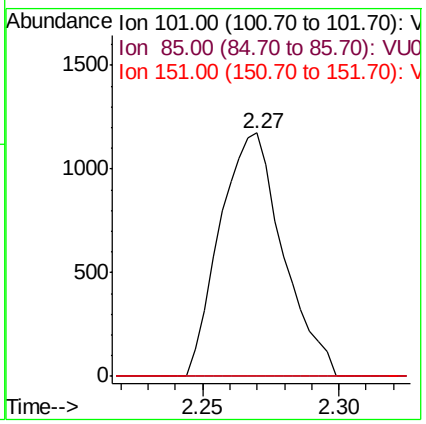


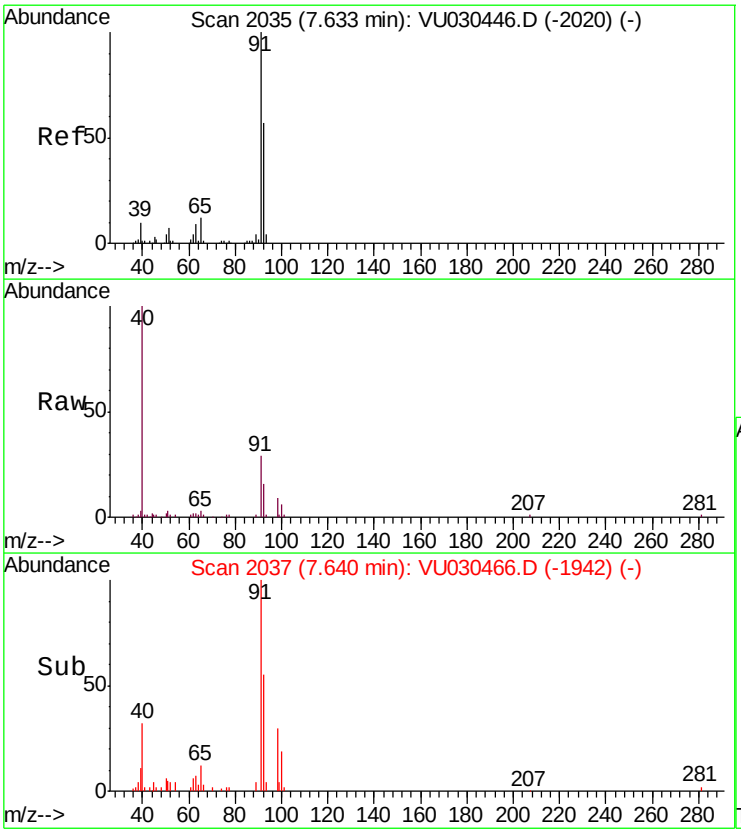
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.563 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030466.D
Acq: 27 Mar 2019 00:12

Instrument :
MSVOA_U
ClientSampleId :
DB6S0

Tgt Ion:101 Resp: 1882

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

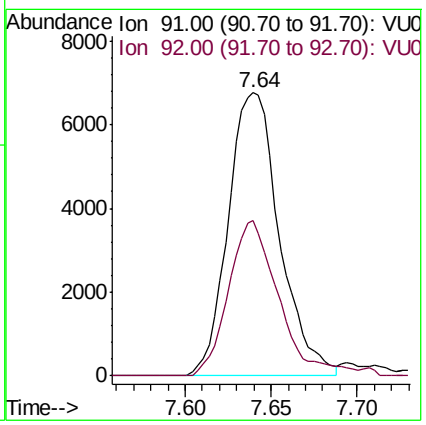


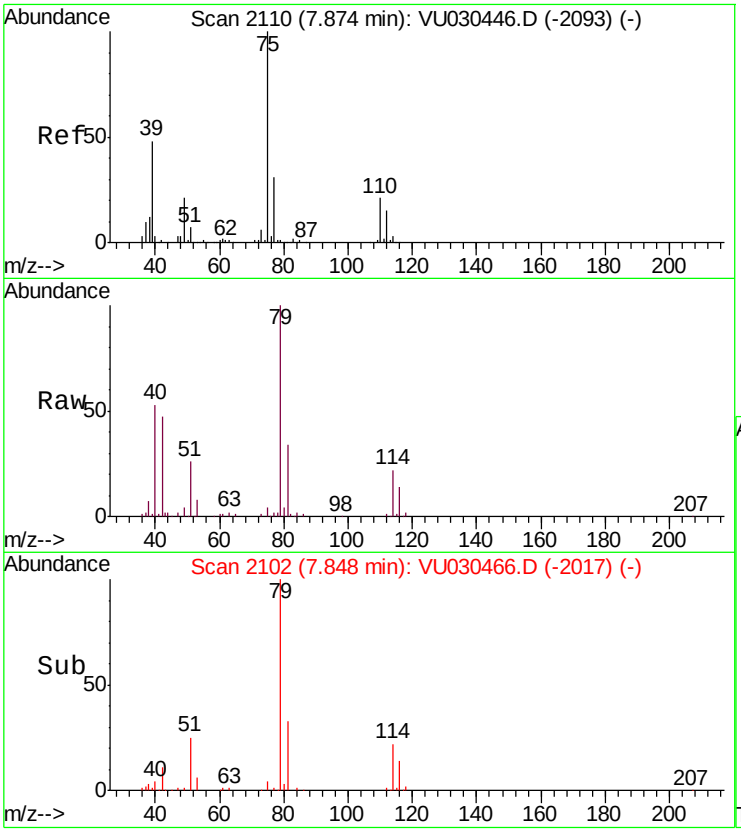


#42
Toluene
Concen: 0.929 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU030466.D
Acq: 27 Mar 2019 00:12

Tgt Ion: 91 Resp: 14066

Ion	Ratio	Lower	Upper
91	100		
92	54.9	39.7	73.7



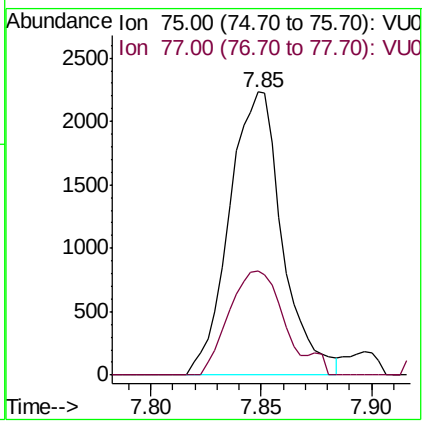


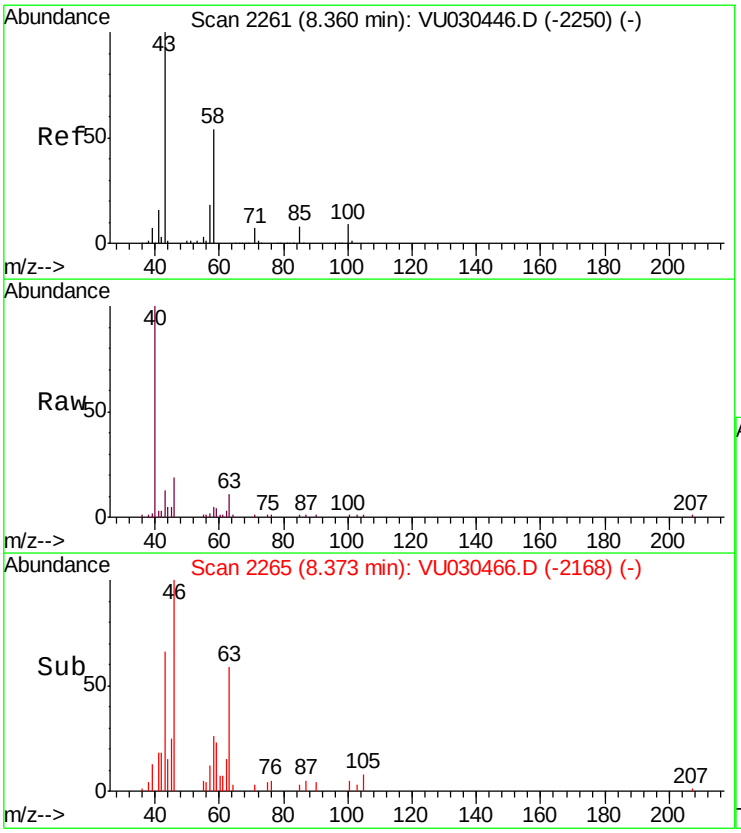
#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030466.D
Acq: 27 Mar 2019 00:12

Instrument :
MSVOA_U
ClientSampleId :
DB6S0

Tgt Ion: 75 Resp: 3722

Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.0	40.8

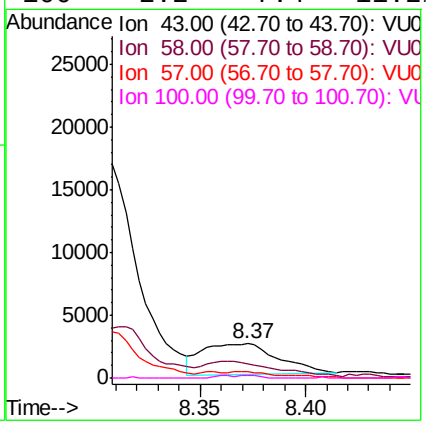


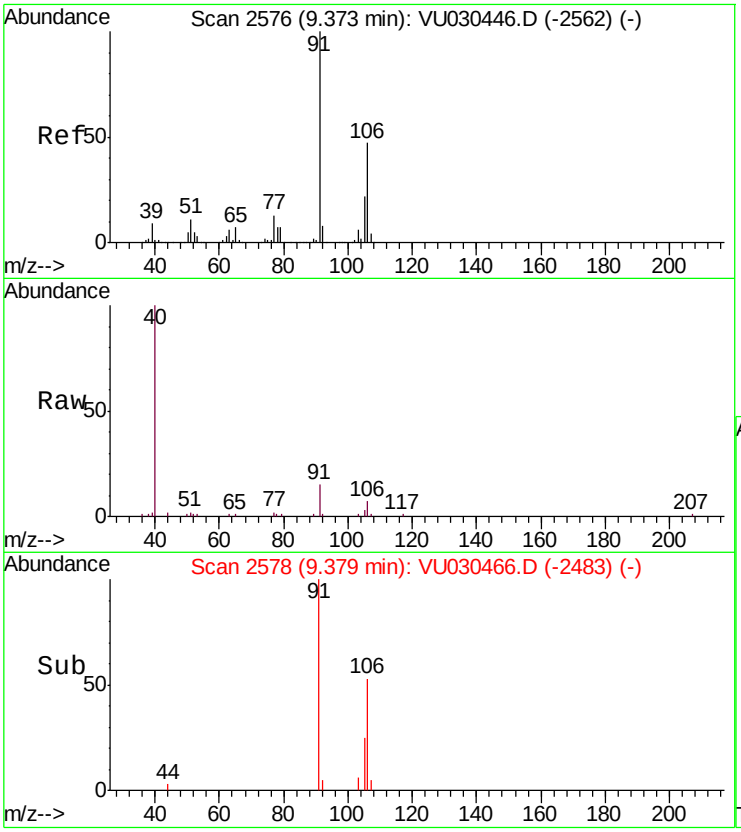


#48
2-Hexanone
Concen: 1.071 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU030466.D
Acq: 27 Mar 2019 00:12

Tgt Ion: 43 Resp: 6101

Ion	Ratio	Lower	Upper
43	100		
58	1.0	42.5	63.7#
57	0.7	15.0	22.6#
100	2.2	7.4	11.2#



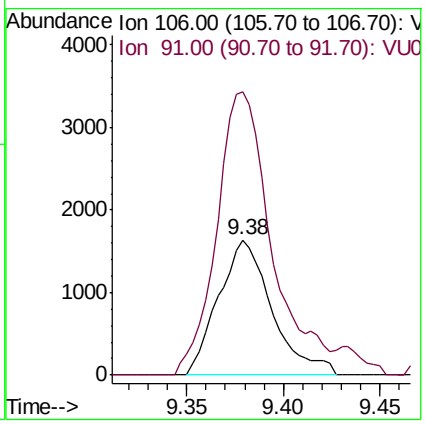


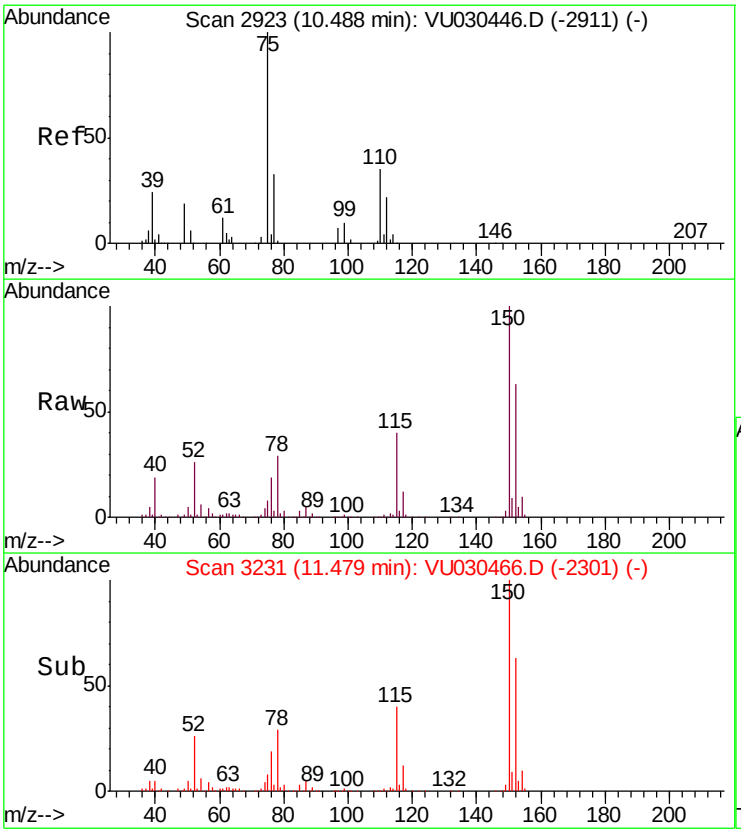
#53
m,p-Xylene
Concen: 0.531 ug/L
RT: 9.38 min Scan# 2578
Delta R.T. 0.01 min
Lab File: VU030466.D
Acq: 27 Mar 2019 00:12

Instrument : MSVOA_U
ClientSampleId : DB6S0

Tgt Ion:106 Resp: 3144

Ion	Ratio	Lower	Upper
106	100		
91	209.7	151.2	280.8





#59
1,2,3-Trichloropropane
Concen: 4.711 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030466.D
Acq: 27 Mar 2019 00:12

Tgt Ion: 75 Resp: 23734

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.4	38.2