Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\

Quantitation Report (Not Reviewed)

Data File : VU030546.D
Acq On : 29 Mar 2019 16:59
Operator : JC/SP
Sample : VU0330MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK33

Quant Time: Mar 30 02:14:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	355026	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	342331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	134841	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	151763	53.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.24%			
7) Chloroethane-d5	1.68	69	124608	55.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.04%			
11) 1,1-Dichloroethene-d2	2.27	63	218951	40.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.80%			
21) 2-Butanone-d5	4.17	46	263082	97.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.95%			
24) Chloroform-d	4.64	84	261782	53.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.36%			
26) 1,2-Dichloroethane-d4	5.31	65	182859	56.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.54%			
32) Benzene-d6	5.34	84	536779	54.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.36%			
36) 1,2-Dichloropropane-d6	6.33	67	190310	56.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.32%			
41) Toluene-d8	7.56	98	467906	53.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.14%			
43) trans-1,3-Dichloropropene-	7.85	79	80509	50.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.94%			
47) 2-Hexanone-d5	8.31	63	159256	87.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	246203	51.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	152132	56.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.62%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1940	0.749	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	1575	0.620	ug/L #	1
13) Acetone	2.32	43	1800	0.663	ug/L	80
25) Chloroform	4.67	83	4737	0.911	ug/L #	74
40) 4-Methyl-2-pentanone	7.47	43	3444	0.620	ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	3242	0.775	ug/L	83
48) 2-Hexanone	8.37	43	11769	2.585	ug/L #	96
68) 1,2,4-trichlorobenzene	13.51	180	1778	0.620	ug/L	92
69) Naphthalene	13.75	128	3254	0.319	ug/L #	66
70) 1,2,3-Trichlorobenzene	13.99	180	3400	1.123	ug/L #	78

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

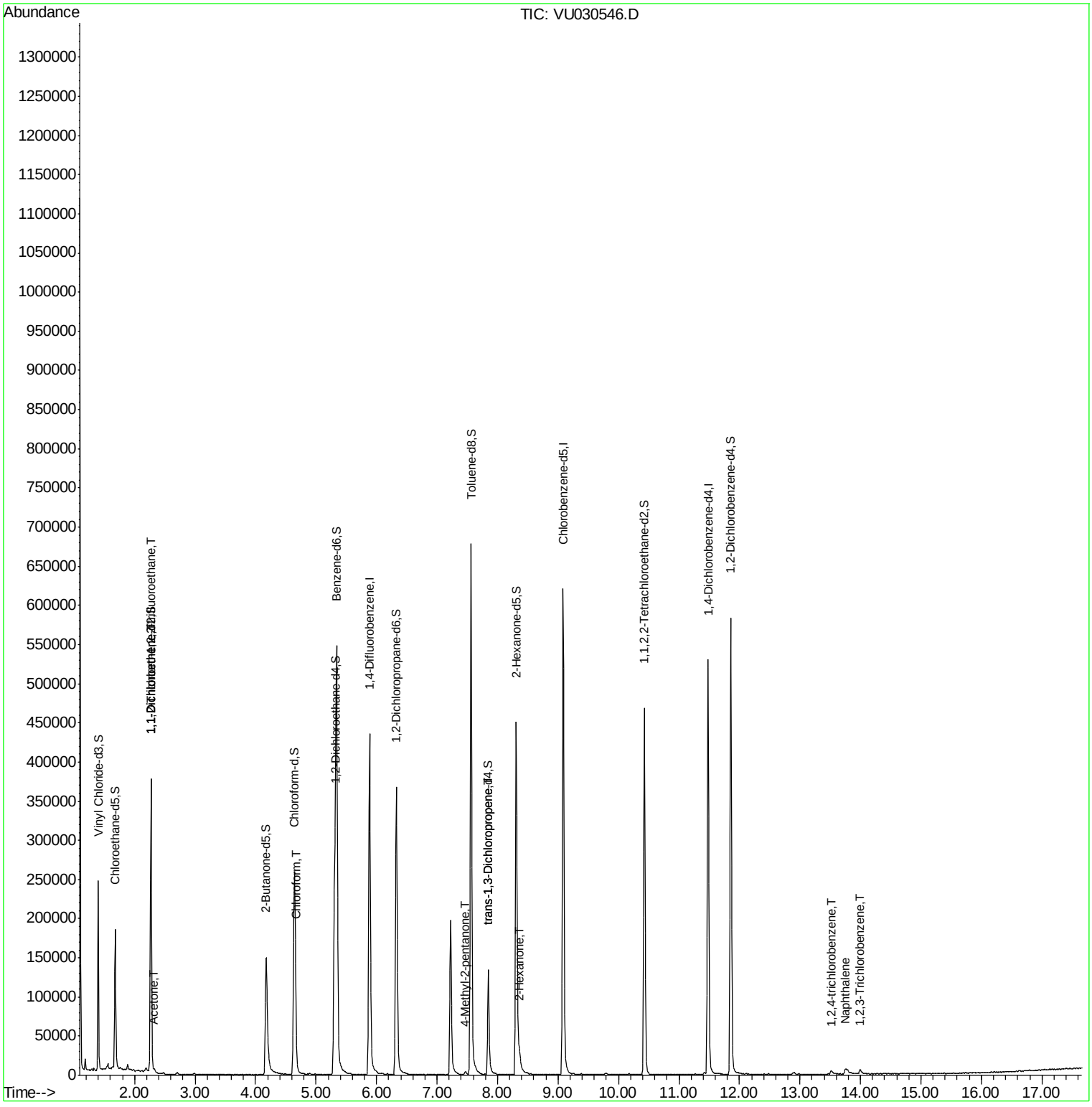
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\

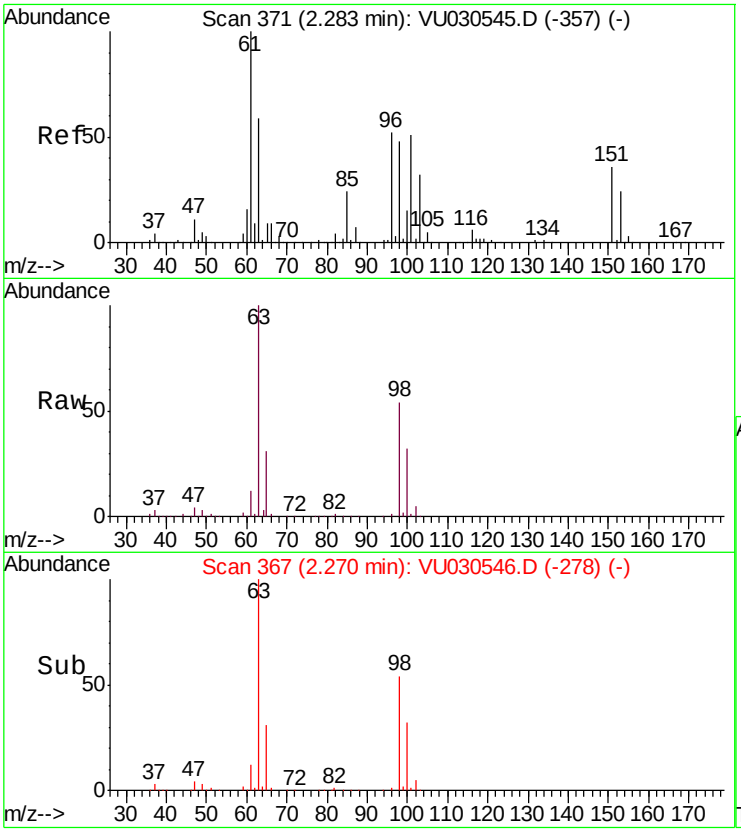
Quantitation Report (Not Reviewed)

Data File : VU030546.D
Acq On : 29 Mar 2019 16:59
Operator : JC/SP
Sample : VU0330MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK33

Quant Time: Mar 30 02:14:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration



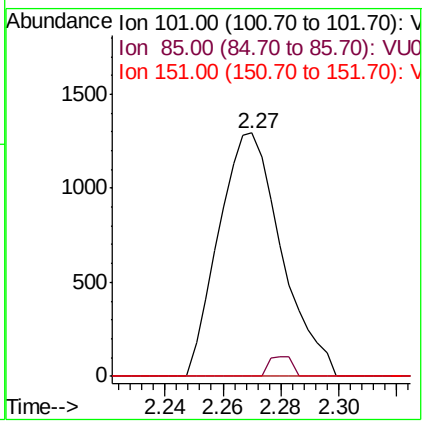


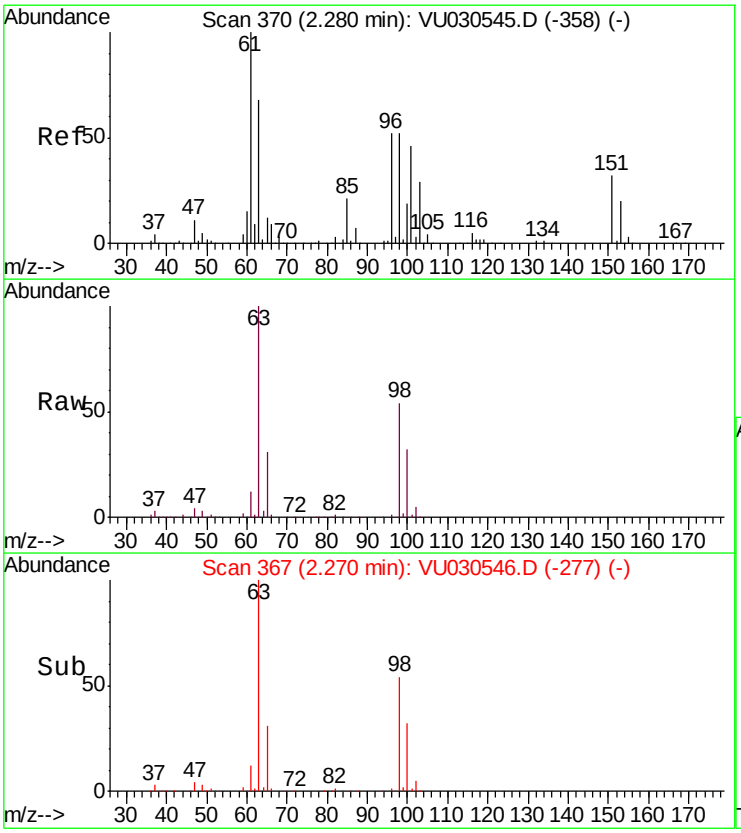
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.749 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Tgt Ion:101 Resp: 1940

Ion	Ratio	Lower	Upper
101	100		
85	3.0	34.8	52.2#
151	0.0	56.6	85.0#

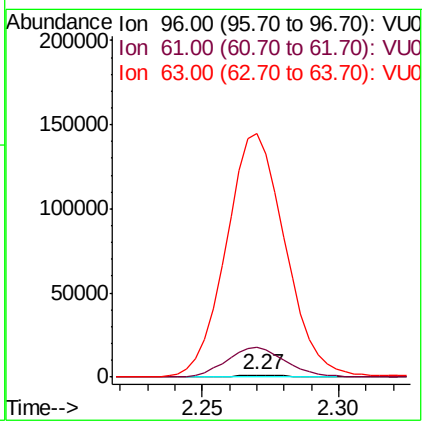


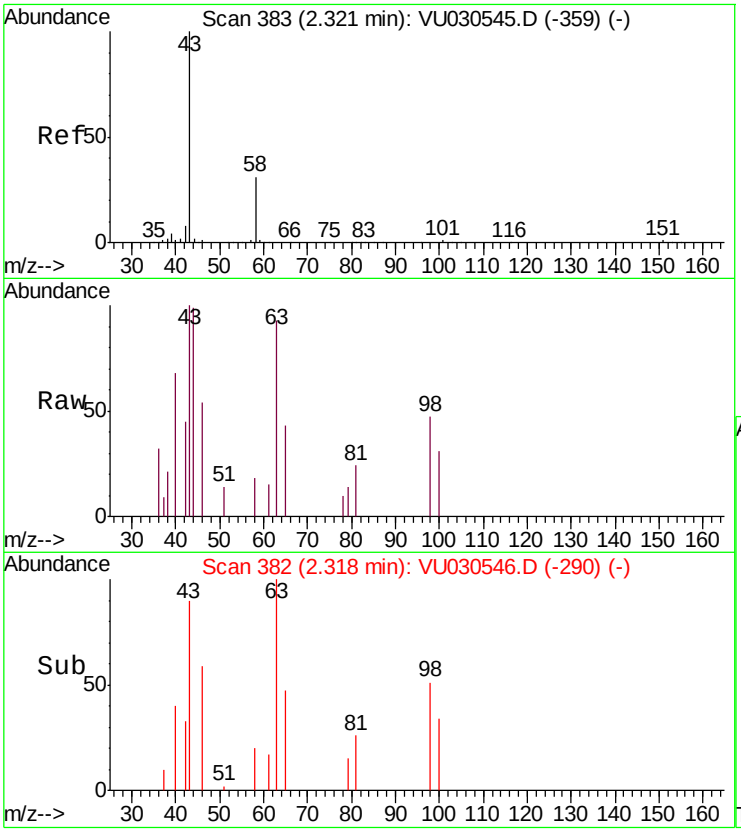


#12
1,1-Dichloroethene
Concen: 0.620 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 96 Resp: 1575

Ion	Ratio	Lower	Upper
96	100		
61	1683.7	131.0	243.4#
63	13768.2	92.4	171.6#



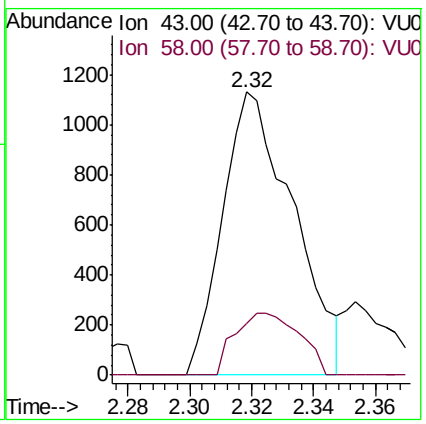


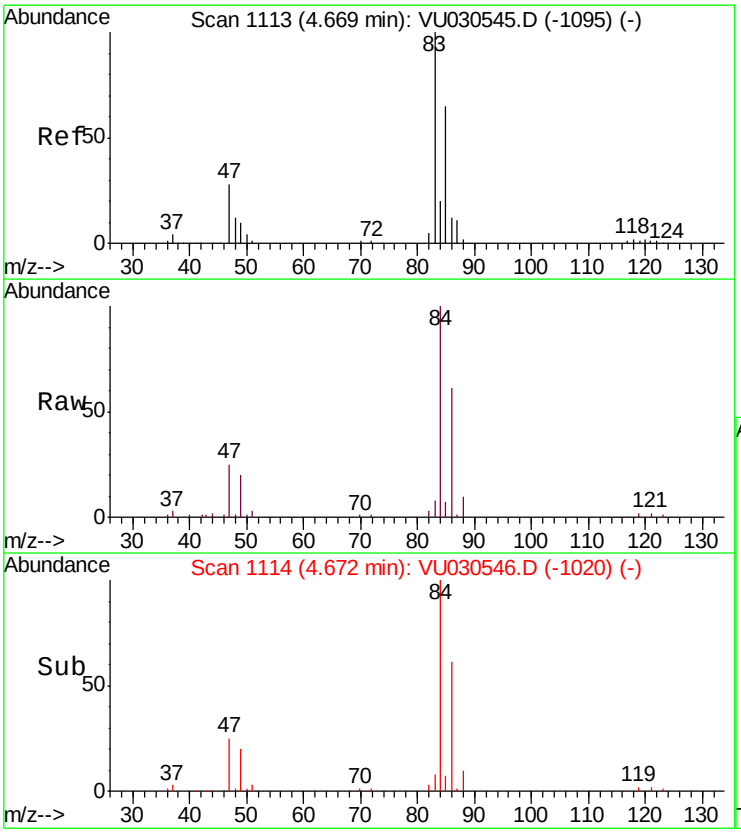
#13
Acetone
Concen: 0.663 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Tgt Ion: 43 Resp: 1800

Ion	Ratio	Lower	Upper
43	100		
58	20.1	0.0	62.8

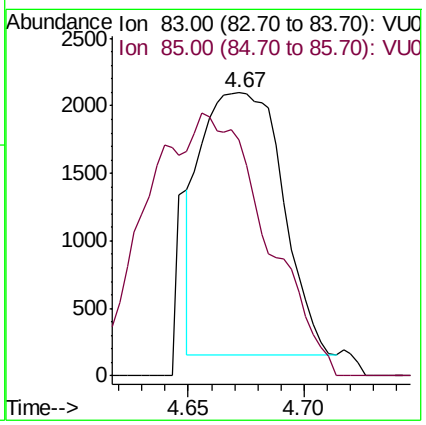


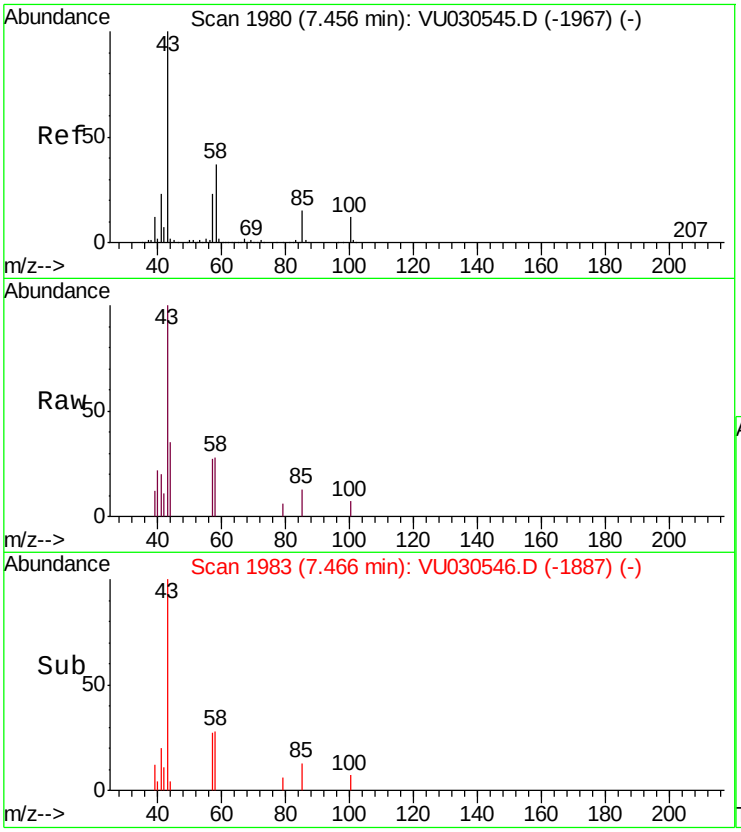


#25
Chloroform
Concen: 0.911 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 83 Resp: 4737

Ion	Ratio	Lower	Upper
83	100		
85	83.5	44.4	82.4#



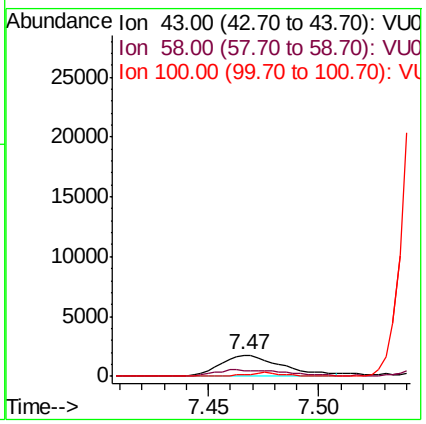


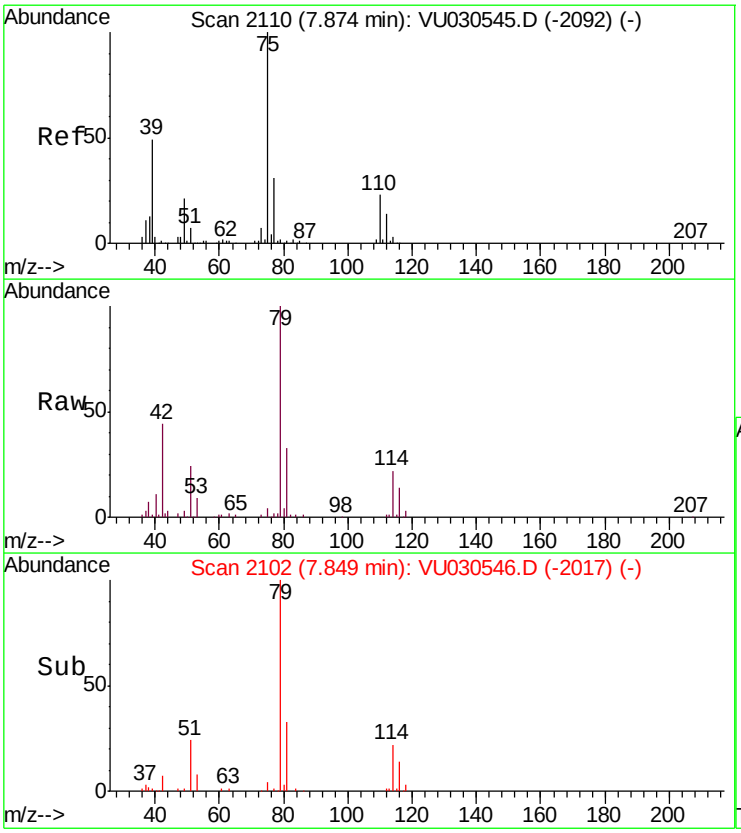
#40
4-Methyl-2-pentanone
Concen: 0.620 ug/L
RT: 7.47 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Tgt Ion: 43 Resp: 3444

Ion	Ratio	Lower	Upper
43	100		
58	17.6	30.6	45.8#
100	9.0	9.5	14.3#

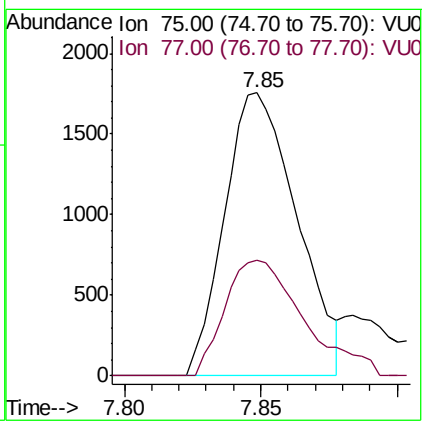


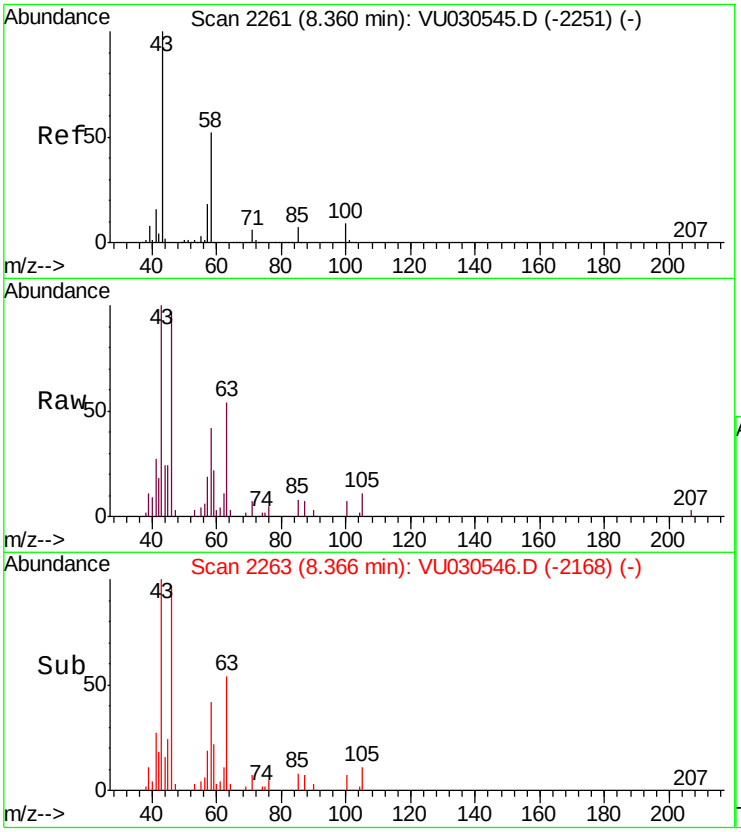


#44
trans-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 75 Resp: 3242

Ion	Ratio	Lower	Upper
75	100		
77	40.7	22.0	40.8



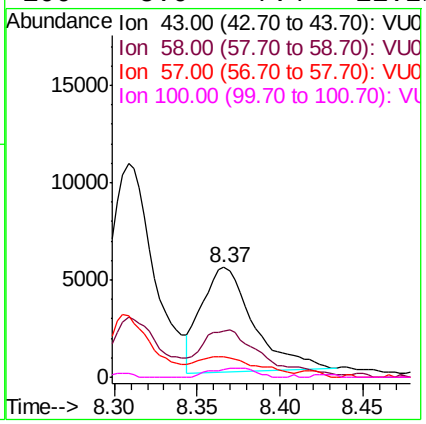


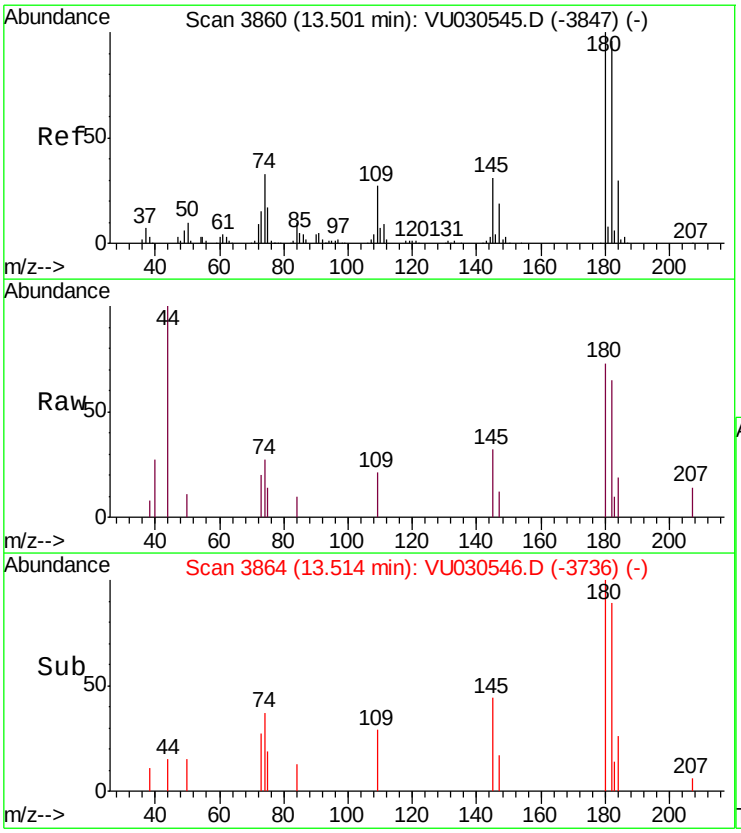
#48
2-Hexanone
Concen: 2.585 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Instrument : MSVOA_U
ClientSampleId : VBLK33

Tgt Ion: 43 Resp: 11769

Ion	Ratio	Lower	Upper
43	100		
58	53.3	42.5	63.7
57	23.2	15.0	22.6#
100	5.0	7.4	11.2#

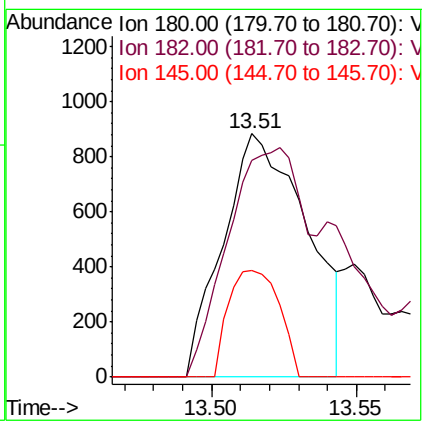


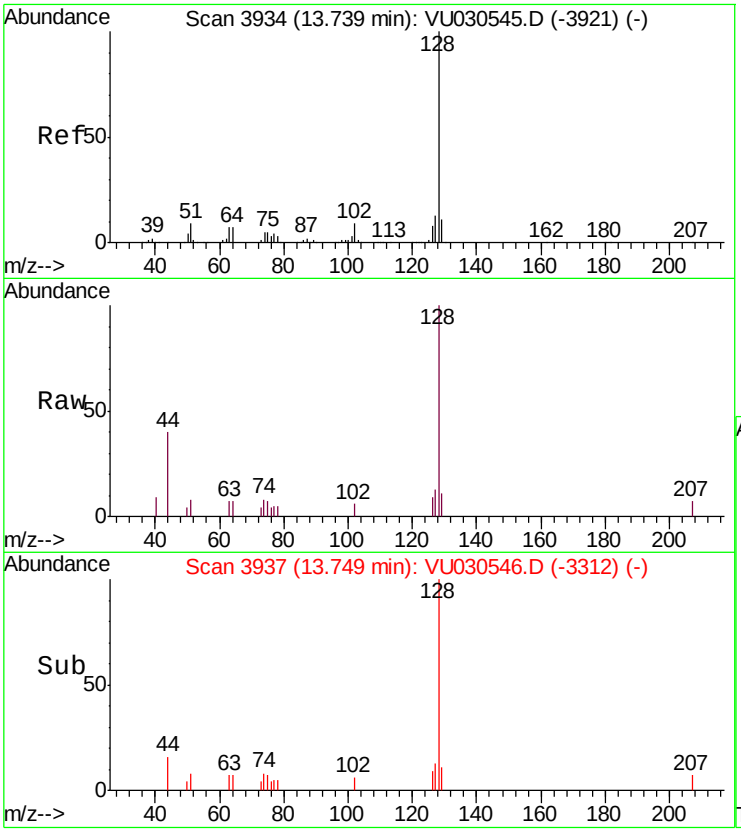


#68
1,2,4-trichlorobenzene
Concen: 0.620 ug/L
RT: 13.51 min Scan# 3864
Delta R.T. 0.01 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Tgt Ion:180 Resp: 1778

Ion	Ratio	Lower	Upper
180	100		
182	87.7	76.1	114.1
145	26.4	24.5	36.7



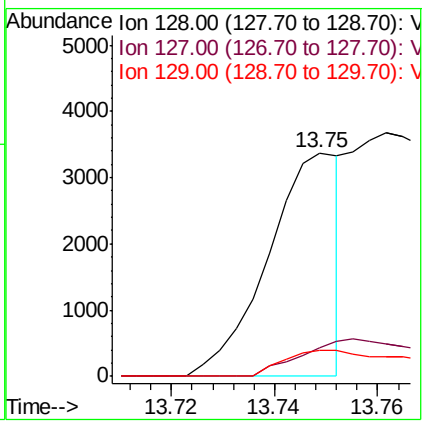


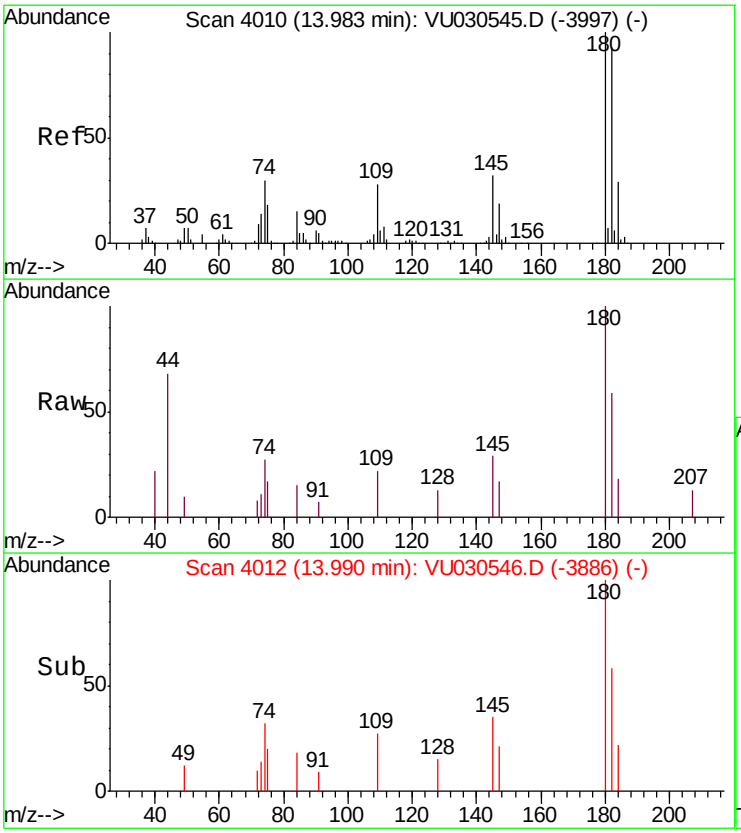
#69
Naphthalene
Concen: 0.319 ug/L
RT: 13.75 min Scan# 3937
Delta R.T. 0.01 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Tgt Ion:128 Resp: 3254

Ion	Ratio	Lower	Upper
128	100		
127	28.9	10.4	15.6#
129	20.8	8.4	12.6#





#70
1,2,3-Trichlorobenzene
Concen: 1.123 ug/L
RT: 13.99 min Scan# 4012
Delta R.T. 0.01 min
Lab File: VU030546.D
Acq: 29 Mar 2019 16:59

Tgt Ion:180 Resp: 3400

Ion	Ratio	Lower	Upper
180	100		
182	75.7	77.4	116.2#
145	19.9	25.9	38.9#