Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

Quantitation Report (Not Reviewed)

Data File : VU030632.D
Acq On : 03 Apr 2019 17:10
Operator : JC/SP
Sample : K2148-17
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF5J3

Quant Time: Apr 04 06:56:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	521814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	266748	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	152374	37.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.60%			
7) Chloroethane-d5	1.69	69	261	0.08	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.16%#			
11) 1,1-Dichloroethene-d2	2.24	63	239082	30.85	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.70%			
21) 2-Butanone-d5	4.19	46	275373	71.71	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 71.71%			
24) Chloroform-d	4.64	84	270285	38.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.80%			
26) 1,2-Dichloroethane-d4	5.30	65	185910	40.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.74%			
32) Benzene-d6	5.33	84	587476	39.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.52%			
36) 1,2-Dichloropropane-d6	6.32	67	202915	39.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.26%			
41) Toluene-d8	7.56	98	517939	38.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.08%#			
43) trans-1,3-Dichloropropene-	7.85	79	91675	38.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.16%			
47) 2-Hexanone-d5	8.31	63	203105	73.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.21%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292527	39.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.86%			
64) 1,2-Dichlorobenzene-d4	11.86	152	218557	40.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.78%			

Target Compounds						Qvalue
13) Acetone	2.33	43	3344	0.861	ug/L	96
25) Chloroform	4.66	83	3988	0.537	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	9544	2.241	ug/L #	18
56) Isopropylbenzene	10.17	105	8809	0.473	ug/L #	73
58) 1,1,2,2-Tetrachloroethane	10.43	83	4554	0.580	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	34174	5.570	ug/L	89
69) Naphthalene	13.73	128	35910	1.780	ug/L #	18
70) 1,2,3-Trichlorobenzene	13.94	180	6915	1.154	ug/L #	1

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

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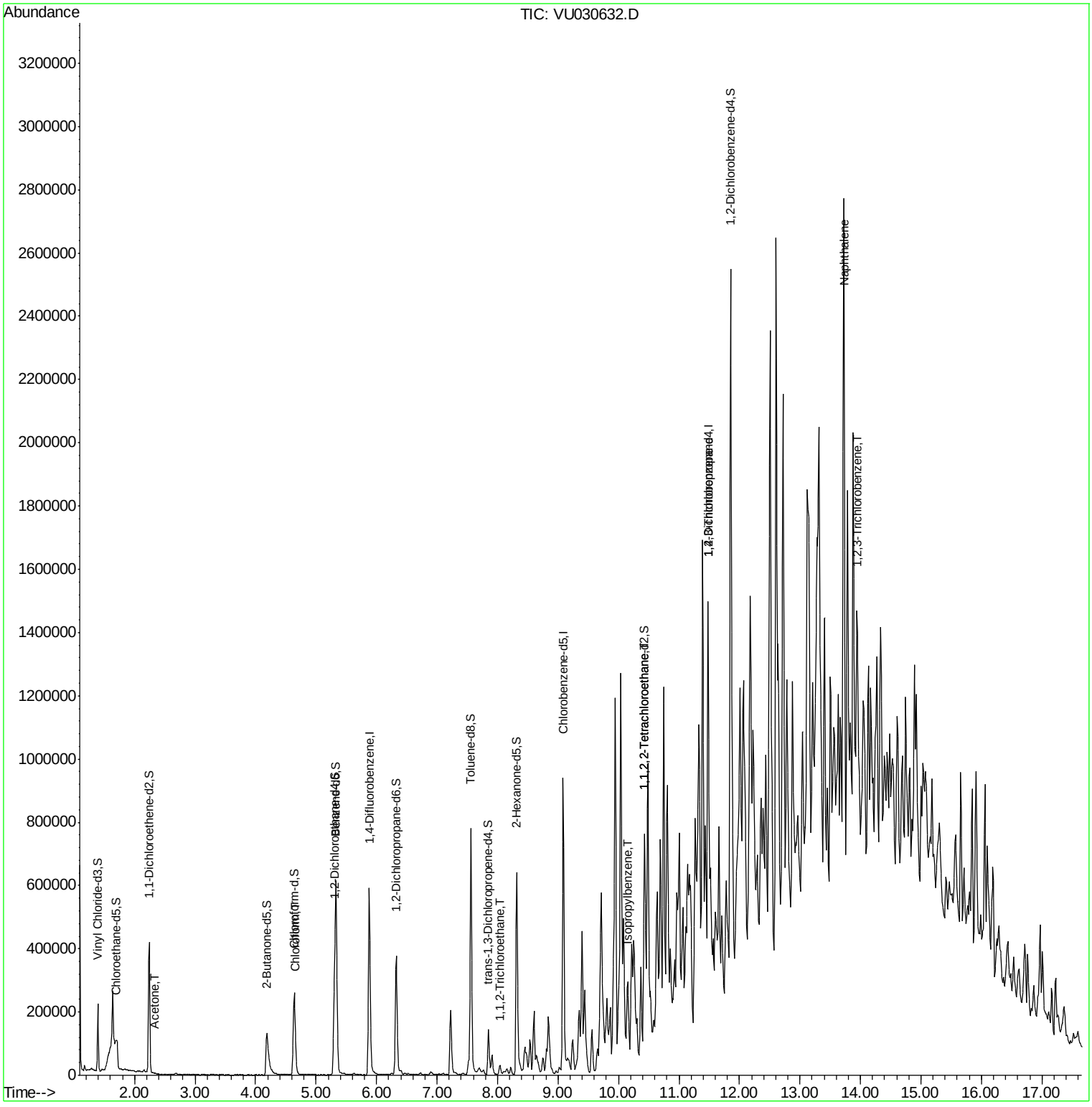
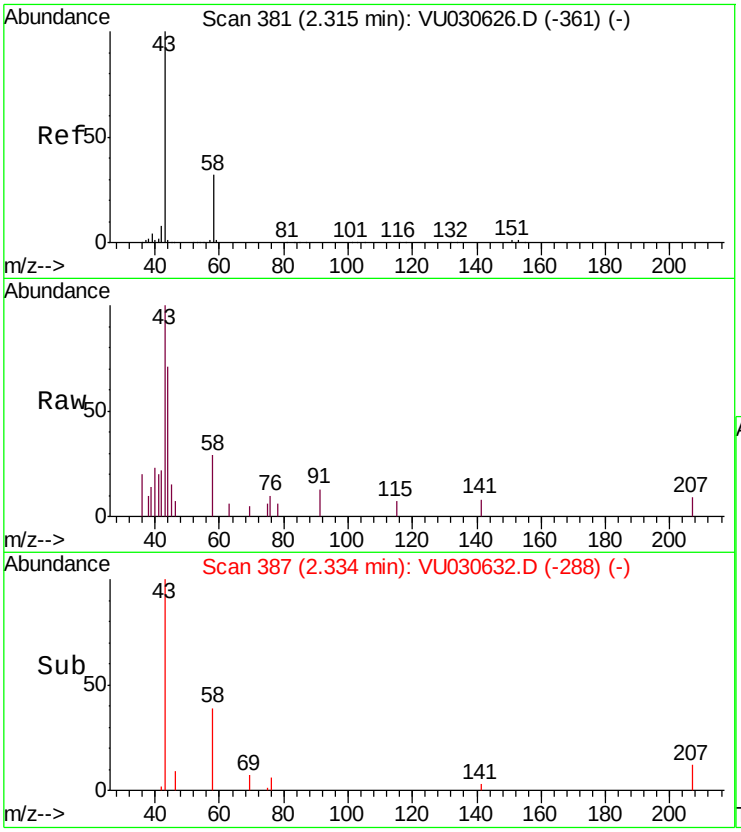
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration



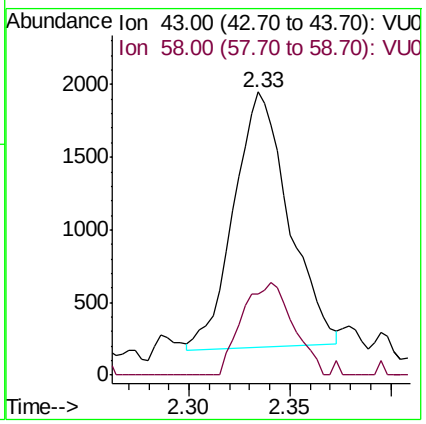


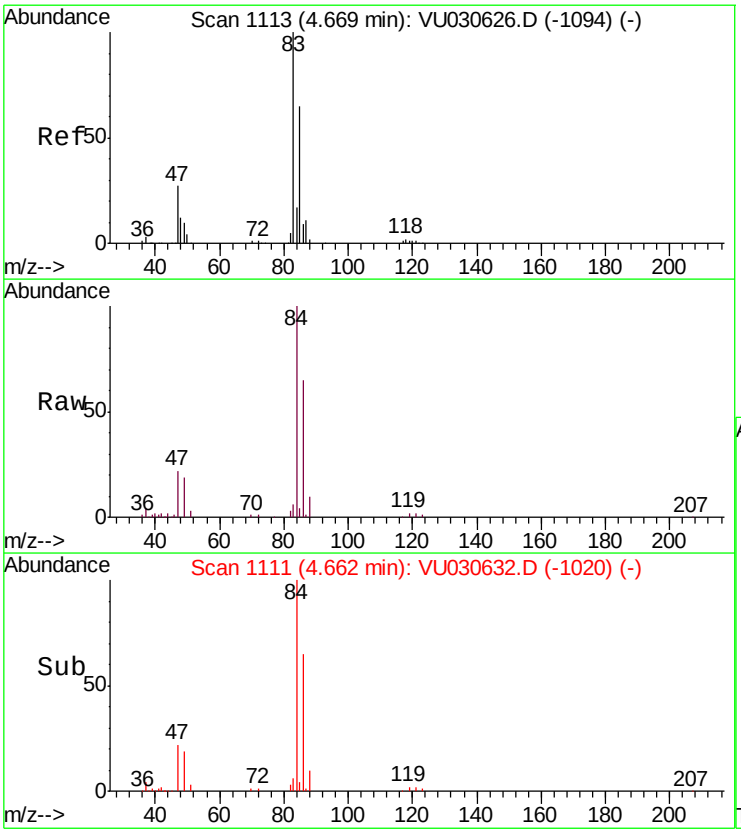
#13
Acetone
Concen: 0.861 ug/L
RT: 2.33 min Scan# 387
Delta R.T. 0.02 min
Lab File: VU030632.D
Acq: 03 Apr 2019 17:10

Instrument : MSVOA_U
ClientSampleId : BF5J3

Tgt Ion: 43 Resp: 3344

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	62.8

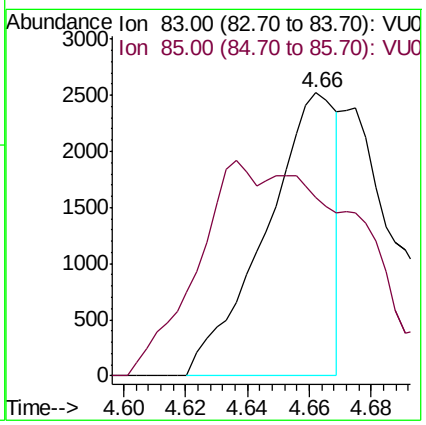


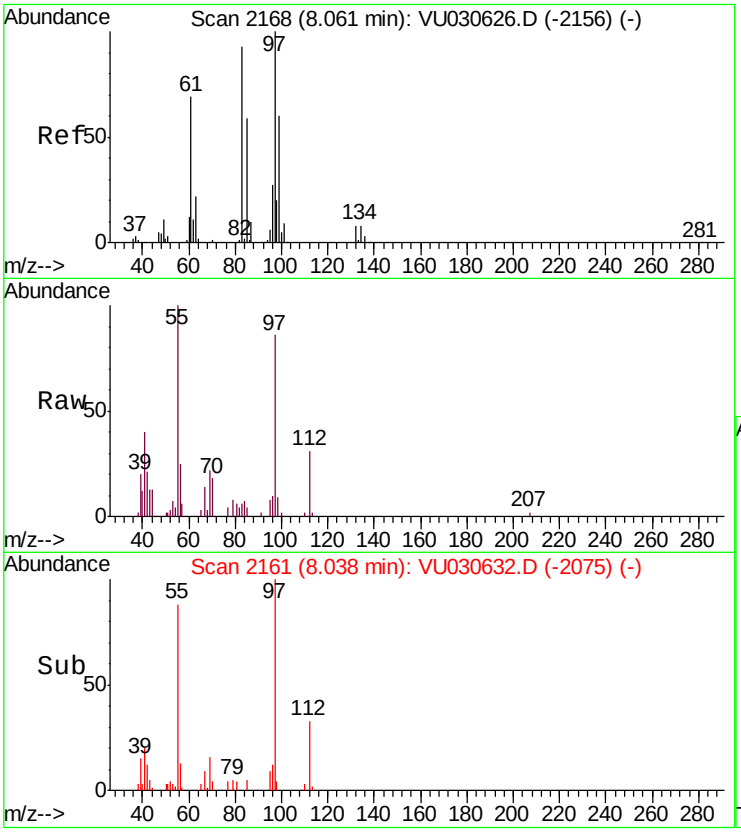


#25
Chloroform
Concen: 0.537 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU030632.D
Acq: 03 Apr 2019 17:10

Tgt Ion: 83 Resp: 3988

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.4	82.4



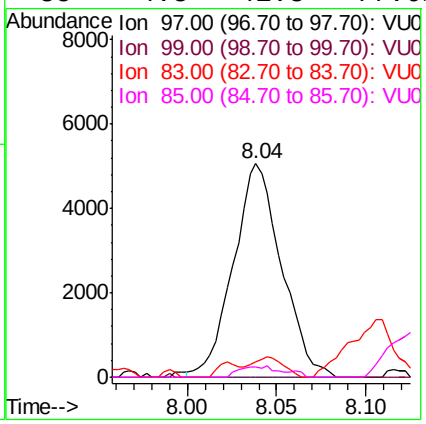


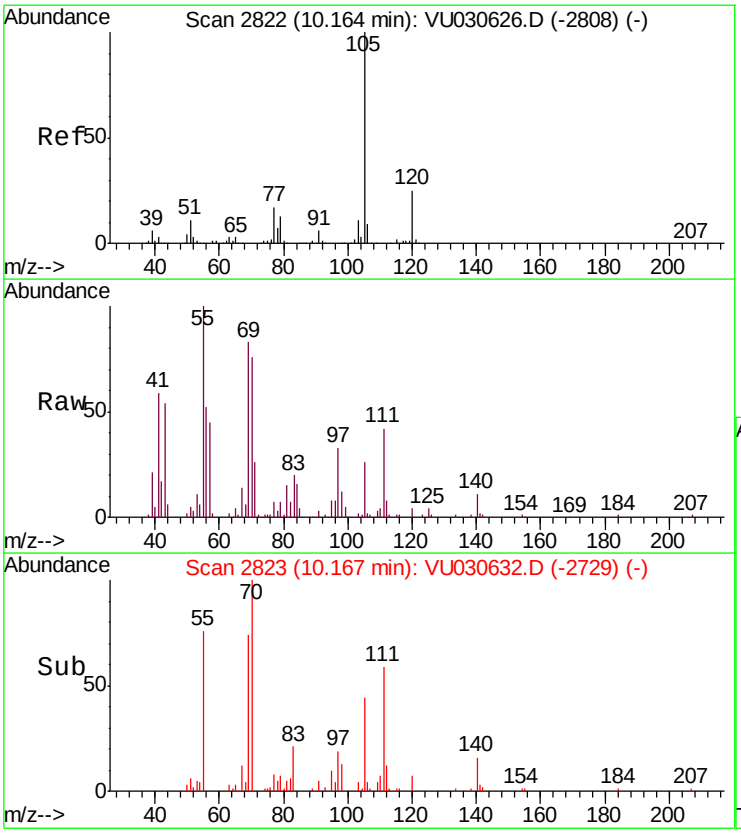
#45
1,1,2-Trichloroethane
Concen: 2.241 ug/L
RT: 8.04 min Scan# 2161
Delta R.T. -0.02 min
Lab File: VU030632.D
Acq: 03 Apr 2019 17:10

Instrument :
MSVOA_U
ClientSampleId :
BF5J3

Tgt Ion: 97 Resp: 9544

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.0	81.8#
83	7.4	65.3	121.3#
85	4.8	41.8	77.6#

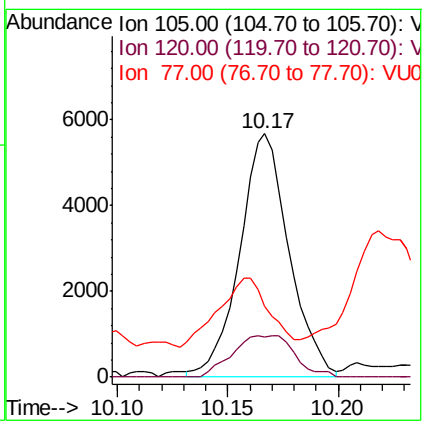


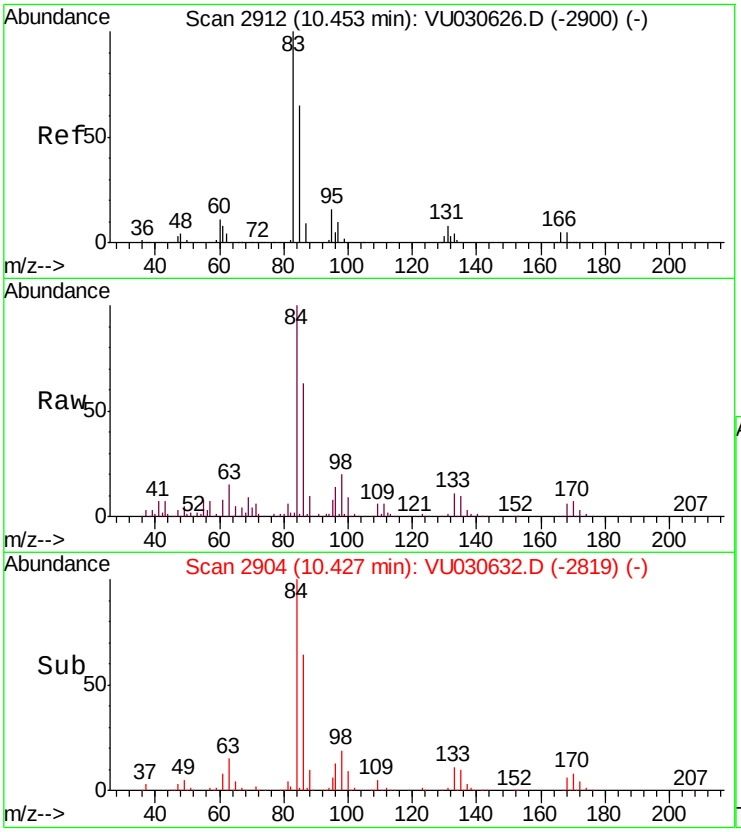


#56
Isopropylbenzene
Concen: 0.473 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU030632.D
Acq: 03 Apr 2019 17:10

Tgt Ion:105 Resp: 8809

Ion	Ratio	Lower	Upper
105	100		
120	12.1	20.2	30.2#
77	29.1	13.2	19.8#



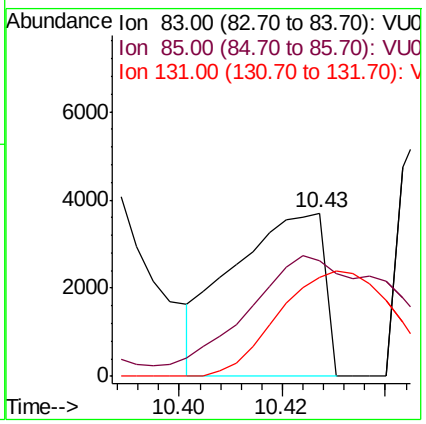


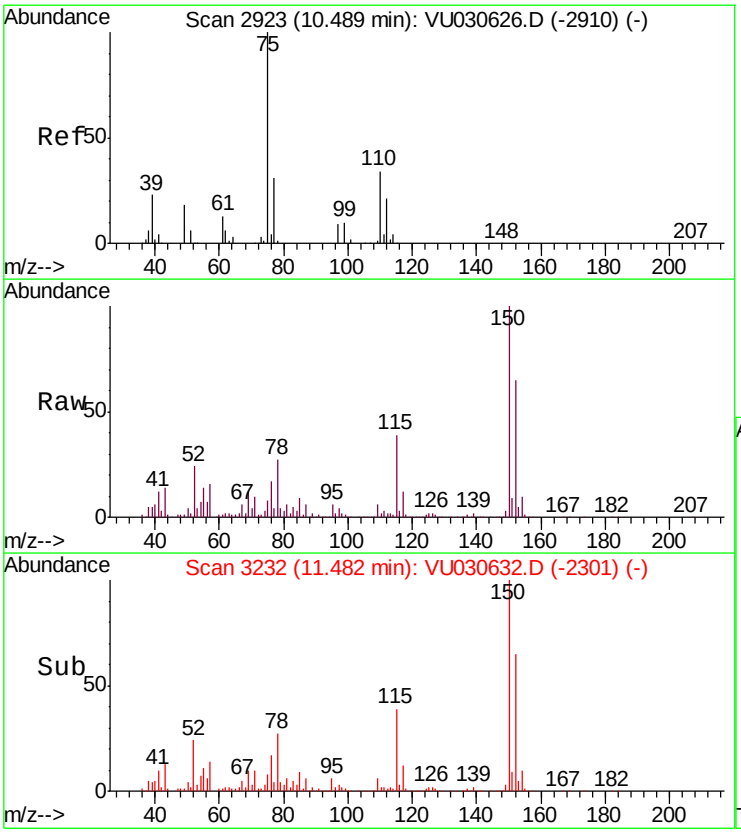
#58
1,1,2,2-Tetrachloroethane
Concen: 0.580 ug/L
RT: 10.43 min Scan# 2904
Delta R.T. -0.03 min
Lab File: VU030632.D
Acq: 03 Apr 2019 17:10

Instrument :
MSVOA_U
ClientSampleId :
BF5J3

Tgt Ion: 83 Resp: 4554

Ion	Ratio	Lower	Upper
83	100		
85	71.2	44.3	82.3
131	60.6	6.7	10.1#

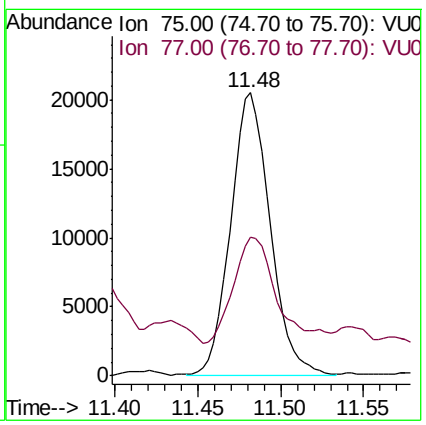


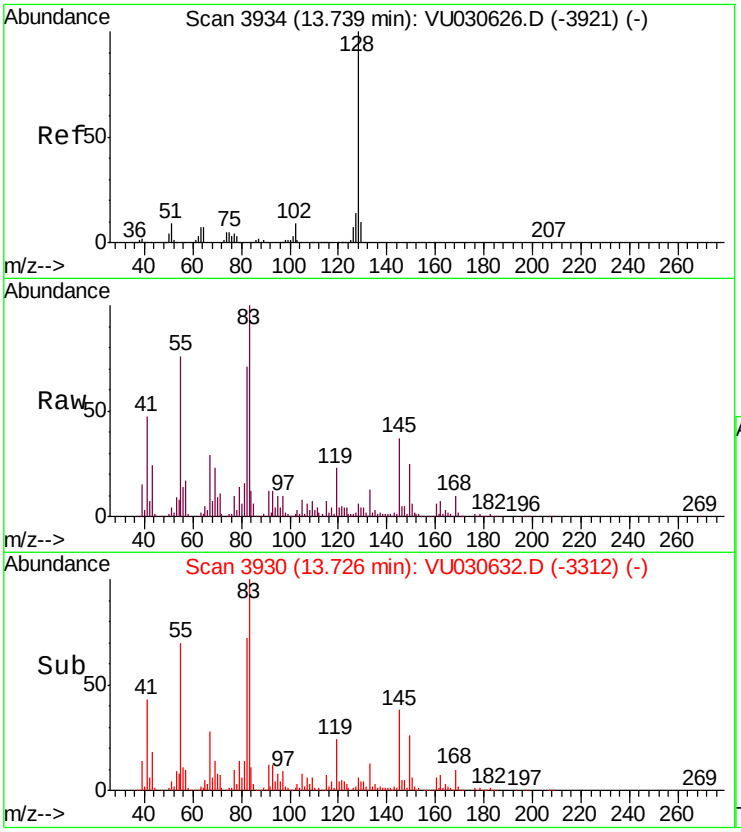


#59
1,2,3-Trichloropropane
Concen: 5.570 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030632.D
Acq: 03 Apr 2019 17:10

Tgt Ion: 75 Resp: 34174

Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.4	38.2



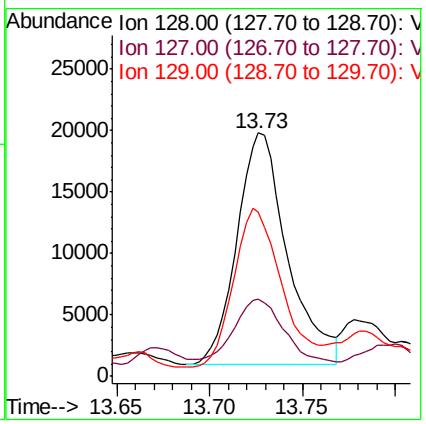


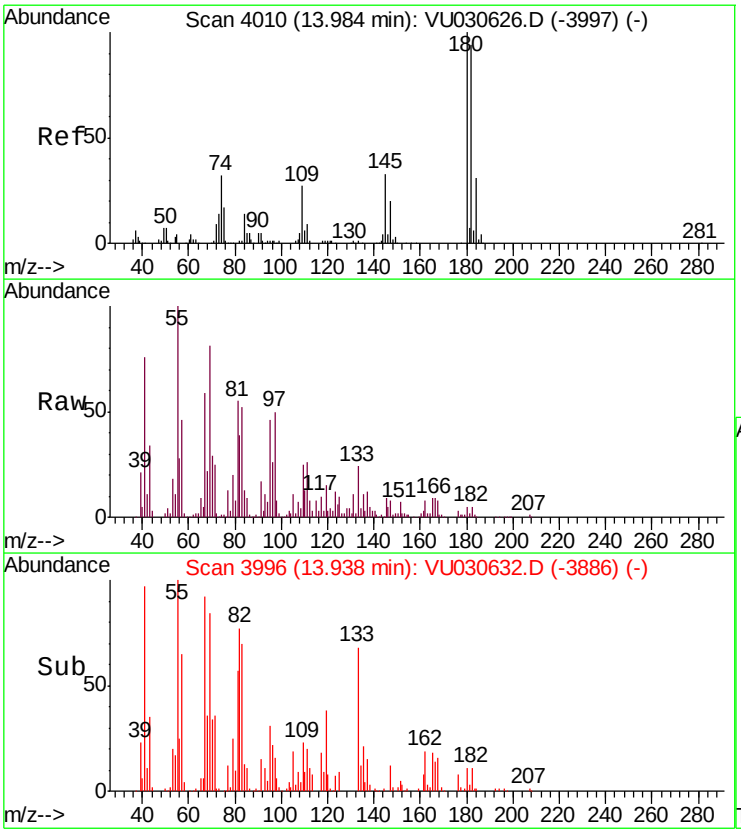
#69
Naphthalene
Concen: 1.780 ug/L
RT: 13.73 min Scan# 3930
Delta R.T. -0.01 min
Lab File: VU030632.D
Acq: 03 Apr 2019 17:10

Instrument : MSVOA_U
ClientSampleId : BF5J3

Tgt Ion:128 Resp: 35910

Ion	Ratio	Lower	Upper
128	100		
127	25.2	10.4	15.6#
129	65.0	8.4	12.6#





#70
1,2,3-Trichlorobenzene
Concen: 1.154 ug/L
RT: 13.94 min Scan# 3996
Delta R.T. -0.05 min
Lab File: VU030632.D
Acq: 03 Apr 2019 17:10

Tgt Ion:180 Resp: 6915

Ion	Ratio	Lower	Upper
180	100		
182	82.7	77.4	116.2
145	496.7	25.9	38.9#