Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040119\

Quantitation Report (Not Reviewed)

Data File : VU030588.D
Acq On : 31 Mar 2019 14:30
Operator : JC/SP
Sample : K2167-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2M2

Quant Time: Apr 01 02:10:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	411274	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155516	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	147024	44.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.84%			
7) Chloroethane-d5	1.68	69	122681	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.52%			
11) 1,1-Dichloroethene-d2	2.27	63	222617	35.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.92%			
21) 2-Butanone-d5	4.18	46	270066	86.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.80%			
24) Chloroform-d	4.65	84	263489	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.31	65	187330	50.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.40%			
32) Benzene-d6	5.34	84	550257	48.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.33	67	195647	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.98%			
41) Toluene-d8	7.56	98	470997	45.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.68%			
43) trans-1,3-Dichloropropene-	7.85	79	85609	46.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.02%			
47) 2-Hexanone-d5	8.31	63	169712	80.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.01%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263756	47.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.18%			
64) 1,2-Dichlorobenzene-d4	11.86	152	164880	52.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.82%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	6256	1.233	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2029	0.676	ug/L #	21
13) Acetone	2.32	43	8898	2.828	ug/L	97
25) Chloroform	4.68	83	7943	1.319	ug/L	97
46) Tetrachloroethene	8.22	164	59887	25.684	ug/L	96
48) 2-Hexanone	8.37	43	14936	2.815	ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	21803	4.648	ug/L	98

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

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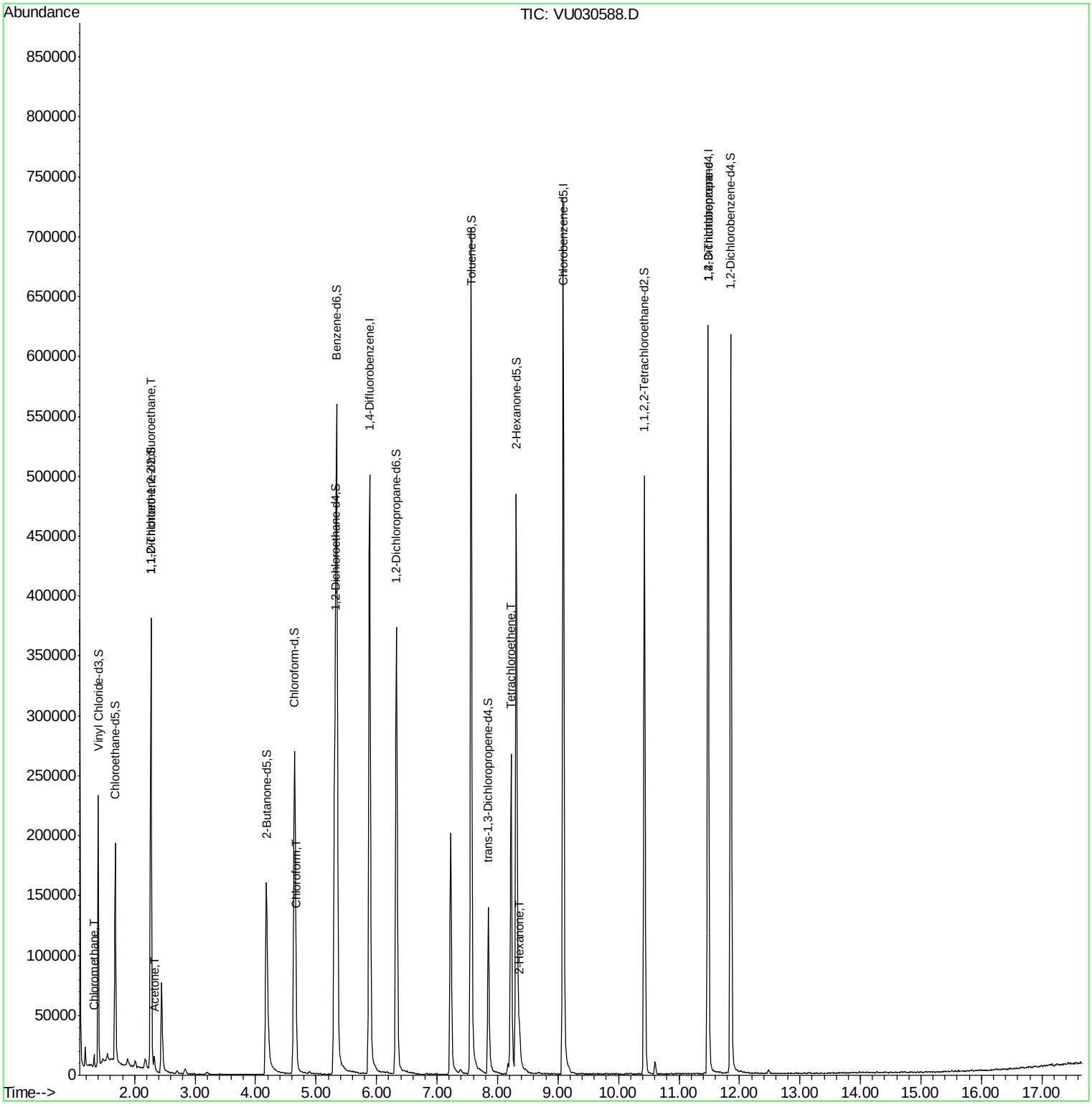
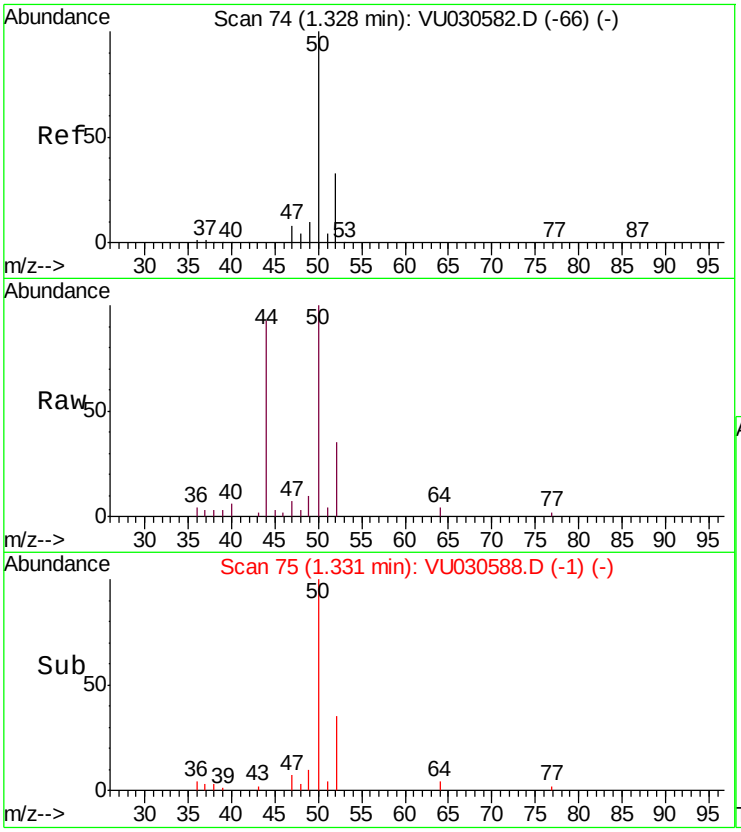


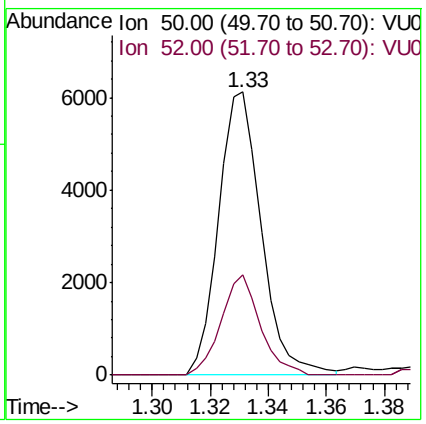


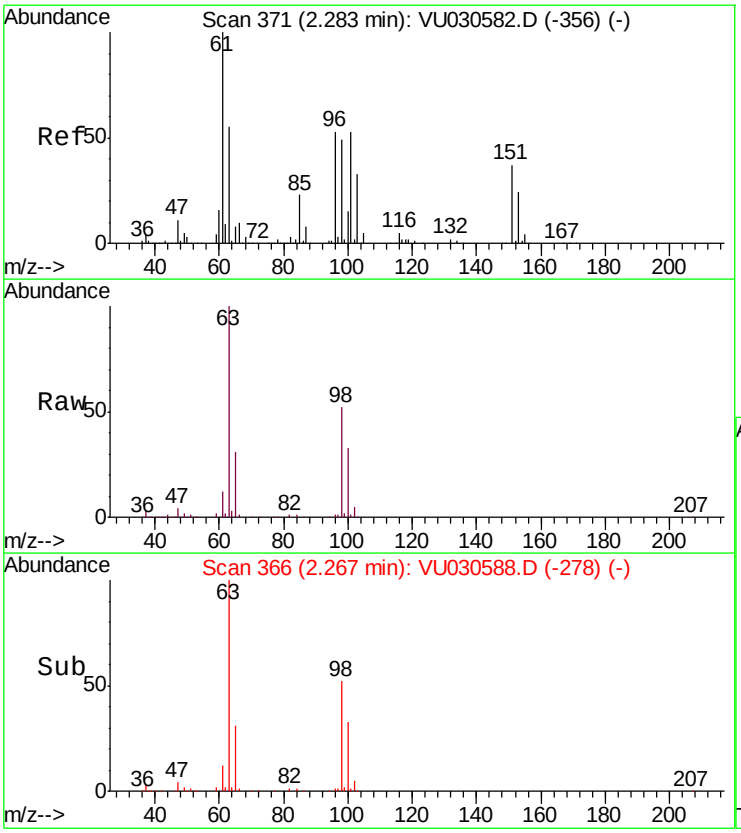
#3
Chloromethane
Concen: 1.233 ug/L
RT: 1.33 min Scan# 75
Delta R.T. 0.00 min
Lab File: VU030588.D
Acq: 31 Mar 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
BF2M2

Tgt Ion: 50 Resp: 6256

Ion	Ratio	Lower	Upper
50	100		
52	35.4	23.0	42.6

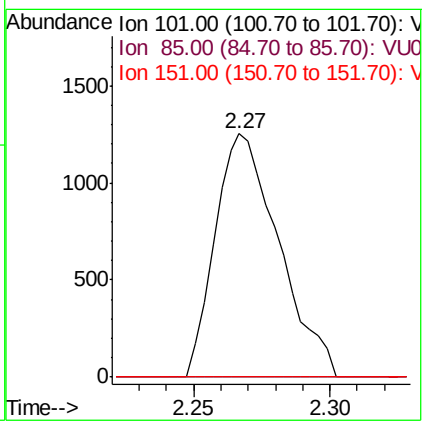


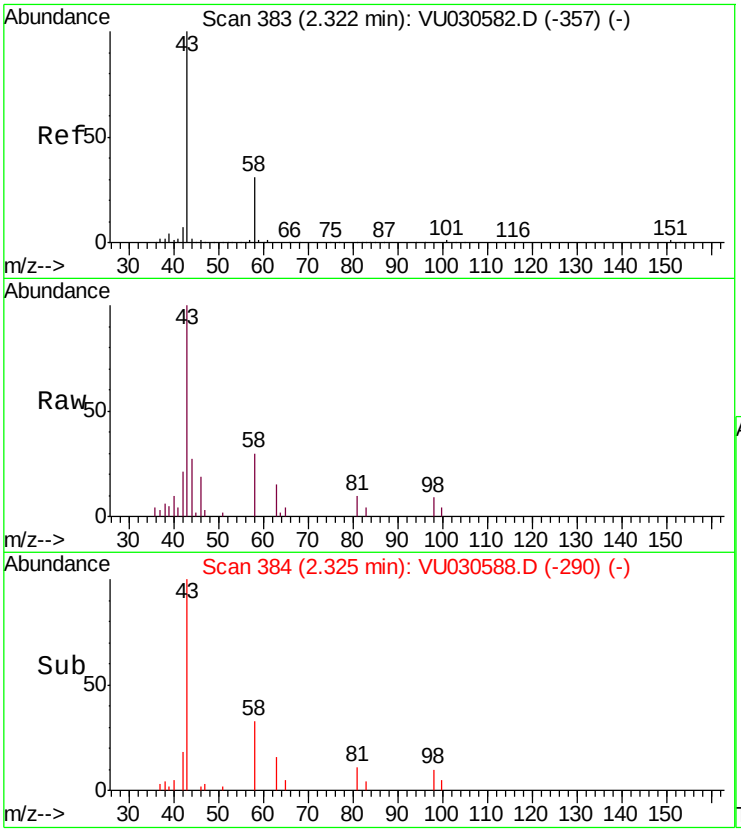


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.676 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU030588.D
Acq: 31 Mar 2019 14:30

Tgt Ion:101 Resp: 2029

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



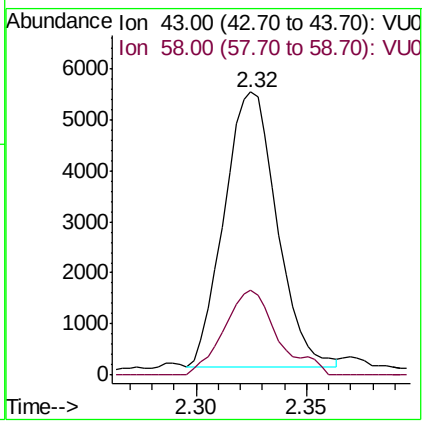


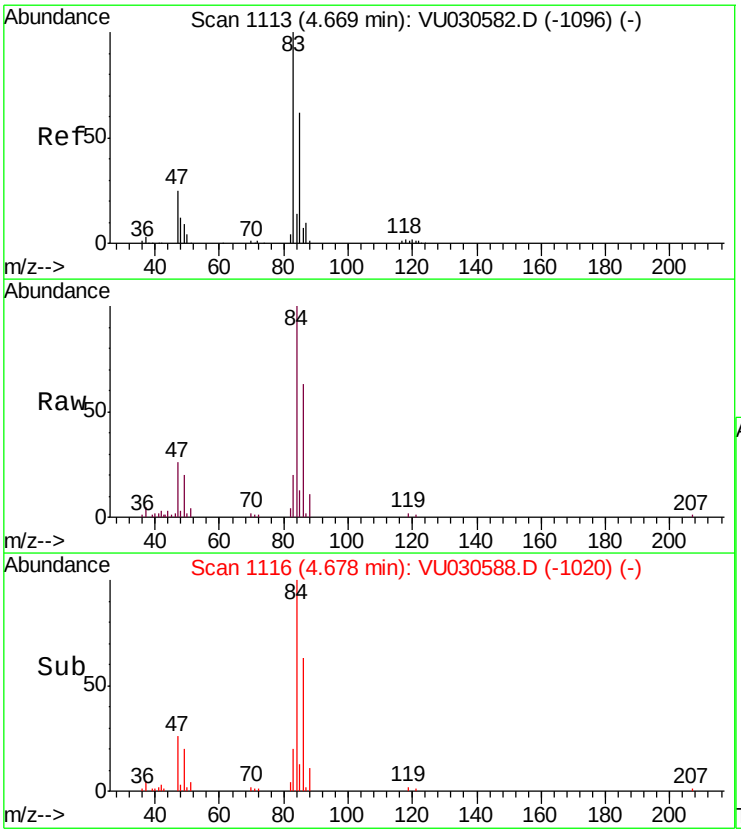
#13
Acetone
Concen: 2.828 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU030588.D
Acq: 31 Mar 2019 14:30

Instrument : MSVOA_U
ClientSampleId : BF2M2

Tgt Ion: 43 Resp: 8898

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	62.8

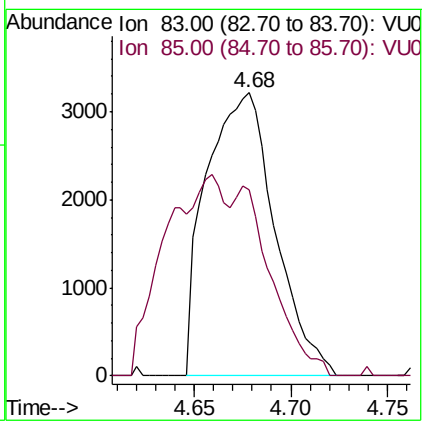


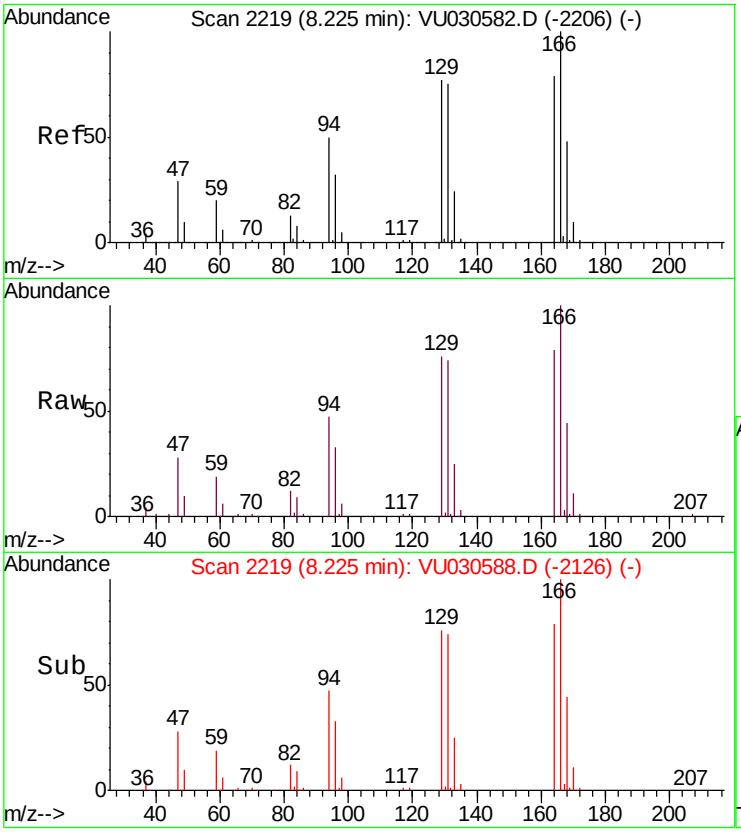


#25
Chloroform
Concen: 1.319 ug/L
RT: 4.68 min Scan# 1116
Delta R.T. 0.01 min
Lab File: VU030588.D
Acq: 31 Mar 2019 14:30

Tgt Ion: 83 Resp: 7943

Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.4	82.4



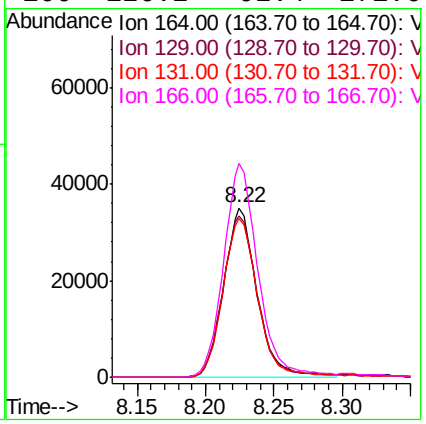


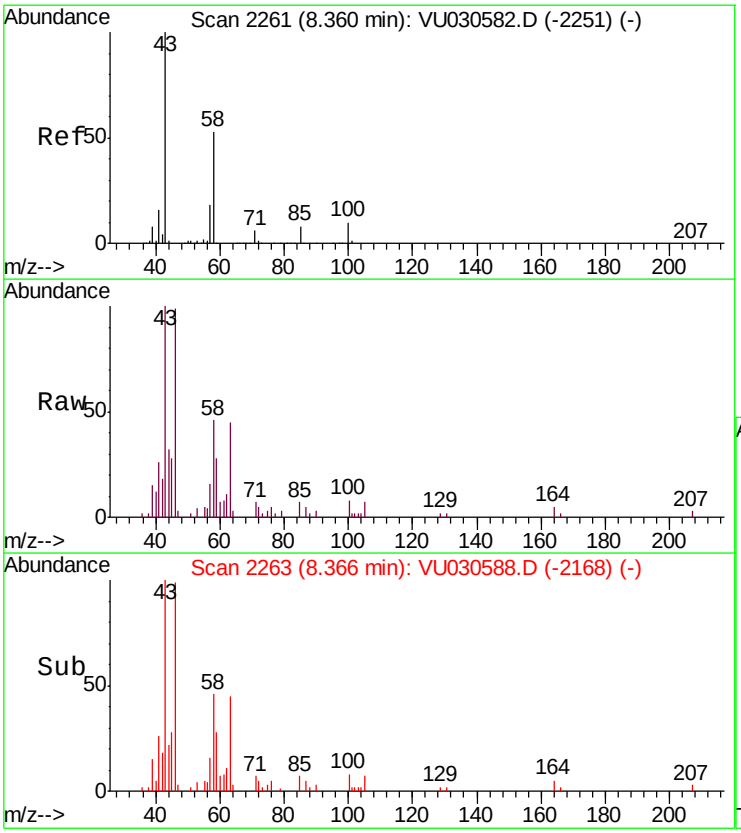
#46
Tetrachloroethene
Concen: 25.684 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030588.D
Acq: 31 Mar 2019 14:30

Instrument : MSVOA_U
ClientSampleId : BF2M2

Tgt Ion:164 Resp: 59887

Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.1	126.5
131	93.5	67.7	125.7
166	126.2	92.4	171.6

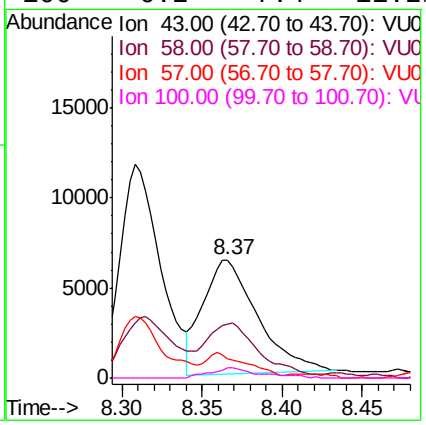


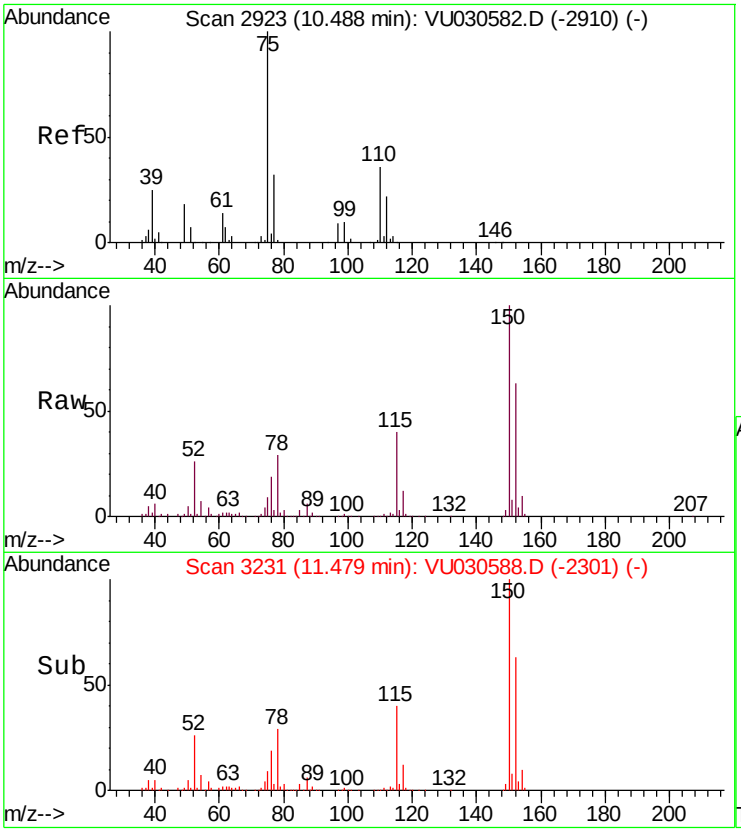


#48
2-Hexanone
Concen: 2.815 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030588.D
Acq: 31 Mar 2019 14:30

Tgt Ion: 43 Resp: 14936

Ion	Ratio	Lower	Upper
43	100		
58	45.8	42.5	63.7
57	14.6	15.0	22.6#
100	6.2	7.4	11.2#





#59
1,2,3-Trichloropropane
Concen: 4.648 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030588.D
Acq: 31 Mar 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
BF2M2

Tgt Ion: 75 Resp: 21803

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.4	38.2