Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030714.D
Acq On : 05 Apr 2019 03:26
Operator : JC/SP
Sample : K2271-21 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB7E2

Quant Time: Apr 05 04:39:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	497726	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203385	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	240402	54.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.22%			
7) Chloroethane-d5	1.68	69	183861	54.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.04%			
11) 1,1-Dichloroethene-d2	2.27	63	320945	39.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.88%			
21) 2-Butanone-d5	4.17	46	381195	108.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.25%			
24) Chloroform-d	4.64	84	332458	48.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.96%			
26) 1,2-Dichloroethane-d4	5.31	65	237858	51.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.72%			
32) Benzene-d6	5.33	84	732197	52.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.10%			
36) 1,2-Dichloropropane-d6	6.32	67	252376	52.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.70%			
41) Toluene-d8	7.56	98	636880	51.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.16%			
43) trans-1,3-Dichloropropene-	7.85	79	106705	48.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.08%			
47) 2-Hexanone-d5	8.31	63	234674	106.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.51%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327155	50.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	210589	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	2672	0.750	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2205	0.641	ug/L #	1
13) Acetone	2.31	43	1987	0.551	ug/L	57
25) Chloroform	4.67	83	26746	3.530	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	3877	0.692	ug/L #	79
48) 2-Hexanone	8.31	43	27283	4.870	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	25808	4.826	ug/L	92

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

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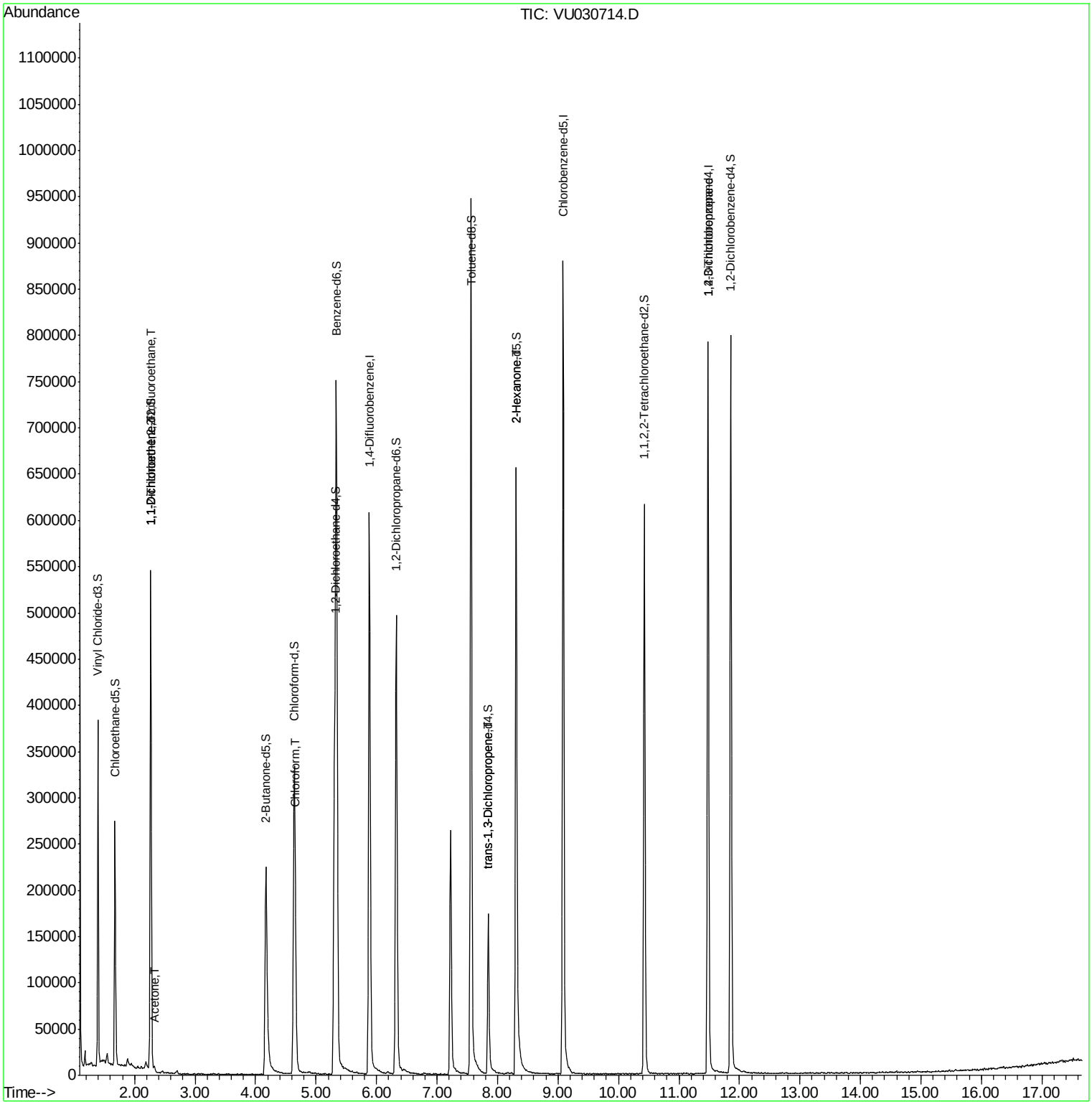
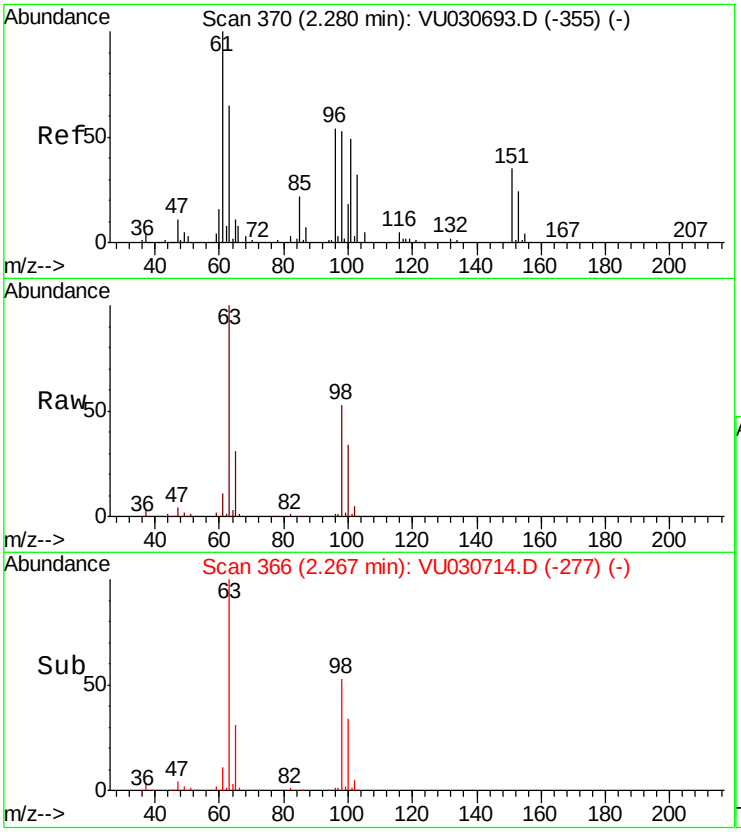


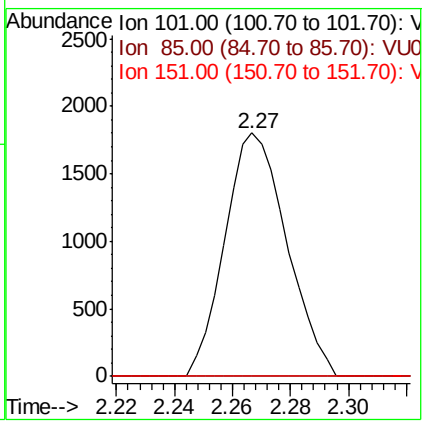


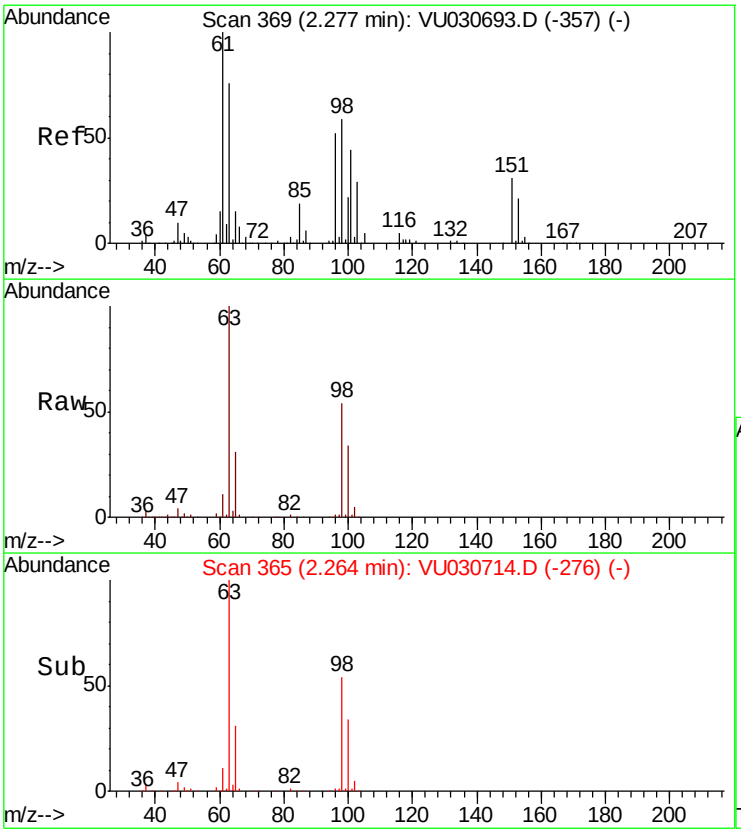
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.750 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030714.D
Acq: 05 Apr 2019 03:26

Instrument : MSVOA_U
ClientSampleId : DB7E2

Tgt Ion:101 Resp: 2672

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	57.4	86.0#

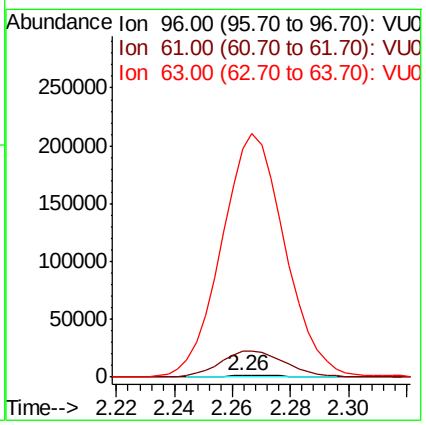


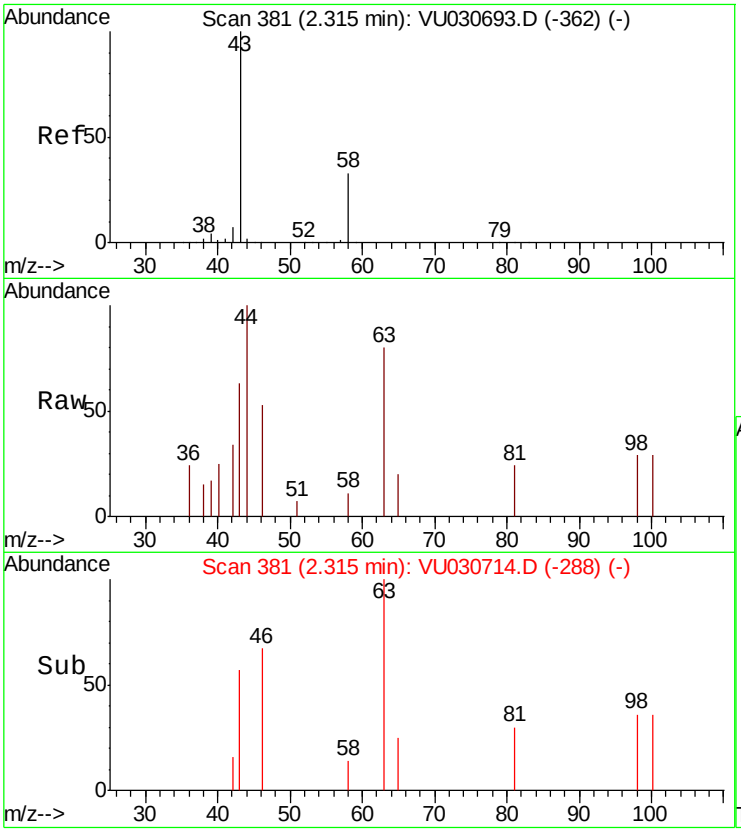


#12
1,1-Dichloroethene
Concen: 0.641 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU030714.D
Acq: 05 Apr 2019 03:26

Tgt Ion: 96 Resp: 2205

Ion	Ratio	Lower	Upper
96	100		
61	1752.1	132.0	245.2#
63	15464.2	90.9	168.9#



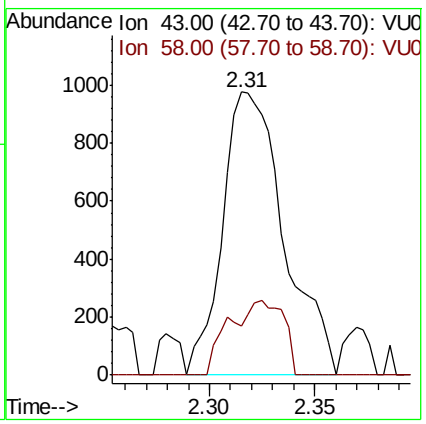


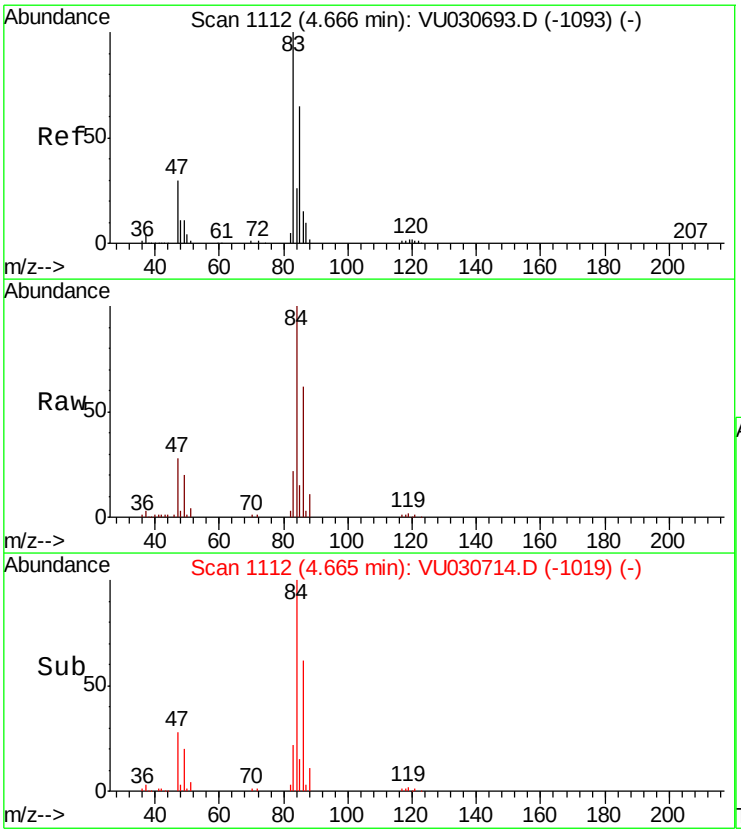
#13
Acetone
Concen: 0.551 ug/L
RT: 2.31 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU030714.D
Acq: 05 Apr 2019 03:26

Instrument :
MSVOA_U
ClientSampleId :
DB7E2

Tgt Ion: 43 Resp: 1987

Ion	Ratio	Lower	Upper
43	100		
58	7.9	0.0	64.0

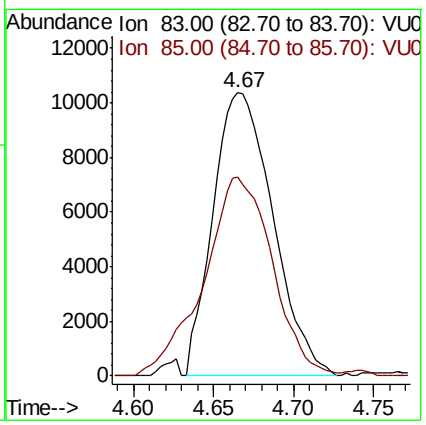


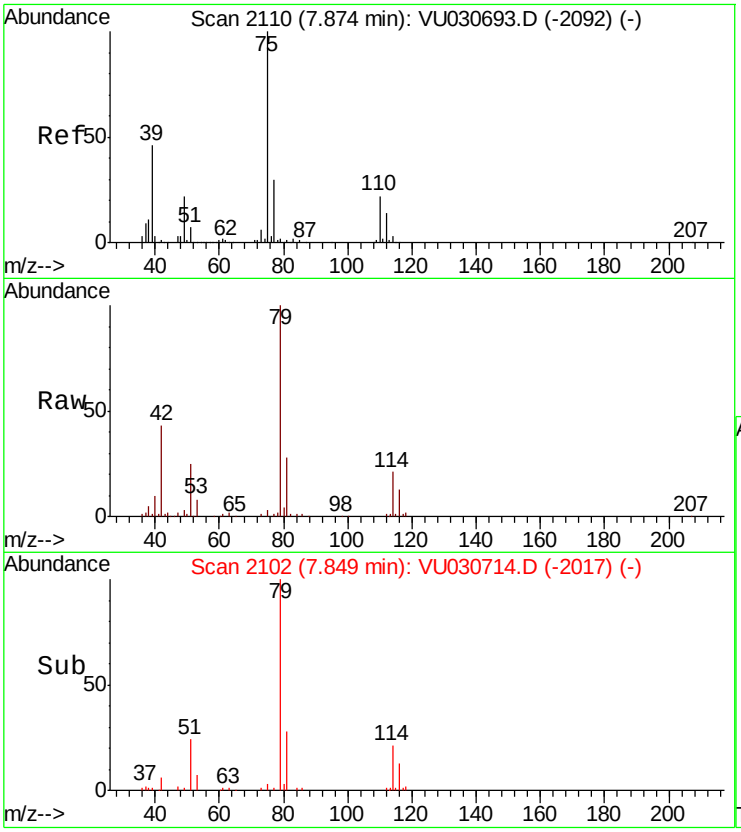


#25
Chloroform
Concen: 3.530 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030714.D
Acq: 05 Apr 2019 03:26

Tgt Ion: 83 Resp: 26746

Ion	Ratio	Lower	Upper
83	100		
85	70.1	45.8	85.0



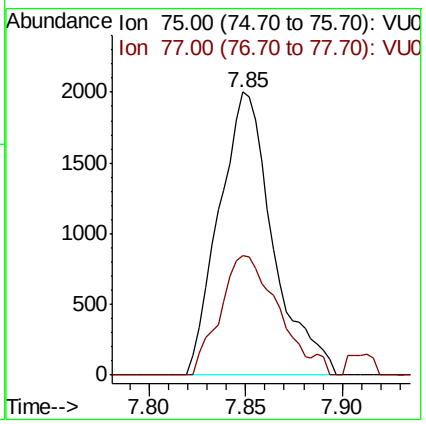


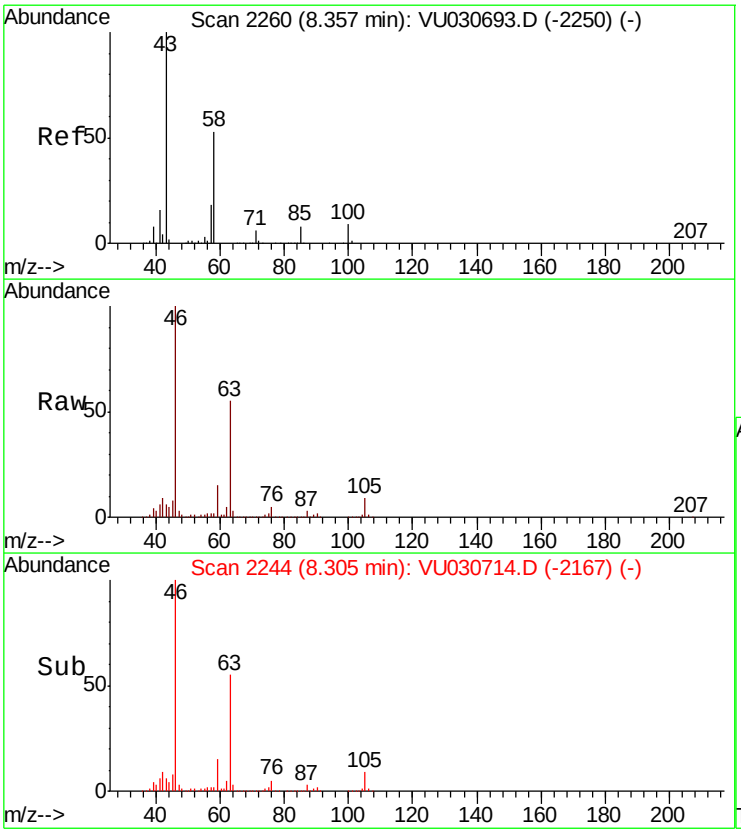
#44
trans-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030714.D
Acq: 05 Apr 2019 03:26

Instrument : MSVOA_U
ClientSampleId : DB7E2

Tgt Ion: 75 Resp: 3877

Ion	Ratio	Lower	Upper
75	100		
77	42.2	21.6	40.0#

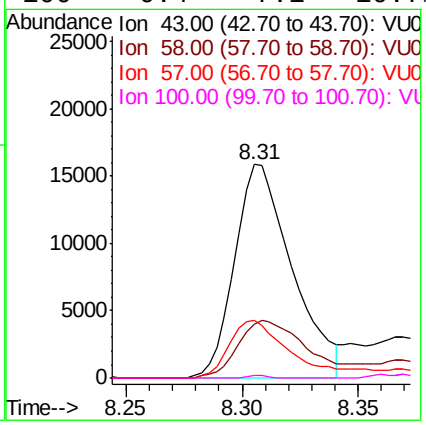


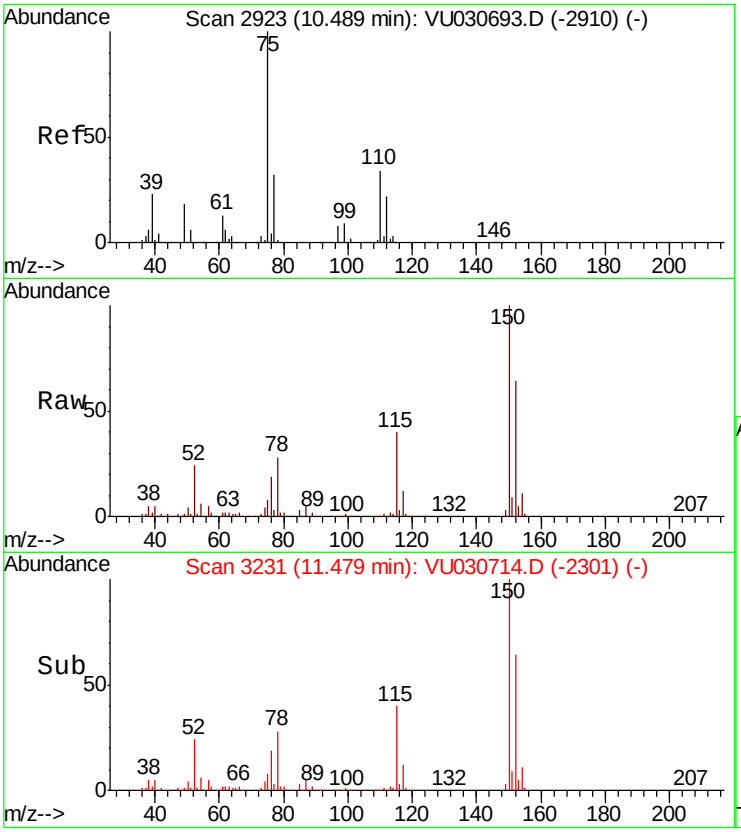


#48
2-Hexanone
Concen: 4.870 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU030714.D
Acq: 05 Apr 2019 03:26

Tgt Ion: 43 Resp: 27283

Ion	Ratio	Lower	Upper
43	100		
58	31.5	41.9	62.9#
57	27.5	14.3	21.5#
100	0.4	7.1	10.7#





#59
1,2,3-Trichloropropane
Concen: 4.826 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030714.D
Acq: 05 Apr 2019 03:26

Instrument :
MSVOA_U
ClientSampleId :
DB7E2

Tgt Ion: 75 Resp: 25808

Ion	Ratio	Lower	Upper
75	100		
77	37.0	26.1	39.1