Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Not Reviewed)

Data File : VU030823.D
Acq On : 07 Apr 2019 00:21
Operator : JC/SP
Sample : K2303-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Apr 08 07:07:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	465028	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183708	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	214764	51.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.48%			
7) Chloroethane-d5	1.68	69	170836	54.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.44%			
11) 1,1-Dichloroethene-d2	2.27	63	305144	40.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.28%			
21) 2-Butanone-d5	4.17	46	360945	109.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.71%			
24) Chloroform-d	4.64	84	324880	51.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.46%			
26) 1,2-Dichloroethane-d4	5.31	65	235052	54.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.64%			
32) Benzene-d6	5.34	84	689392	51.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.56%			
36) 1,2-Dichloropropane-d6	6.33	67	242303	53.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.22%			
41) Toluene-d8	7.56	98	587734	49.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	7.85	79	101188	48.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.28%			
47) 2-Hexanone-d5	8.31	63	219886	105.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318748	51.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	198256	54.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.74%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2487	0.747	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2626	0.817	ug/L #	1
25) Chloroform	4.67	83	24641	3.481	ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	5591	0.930	ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	4141	0.781	ug/L	89
48) 2-Hexanone	8.36	43	7486	1.412	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	24459	4.833	ug/L	96

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

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Quantitation Report (Not Reviewed)

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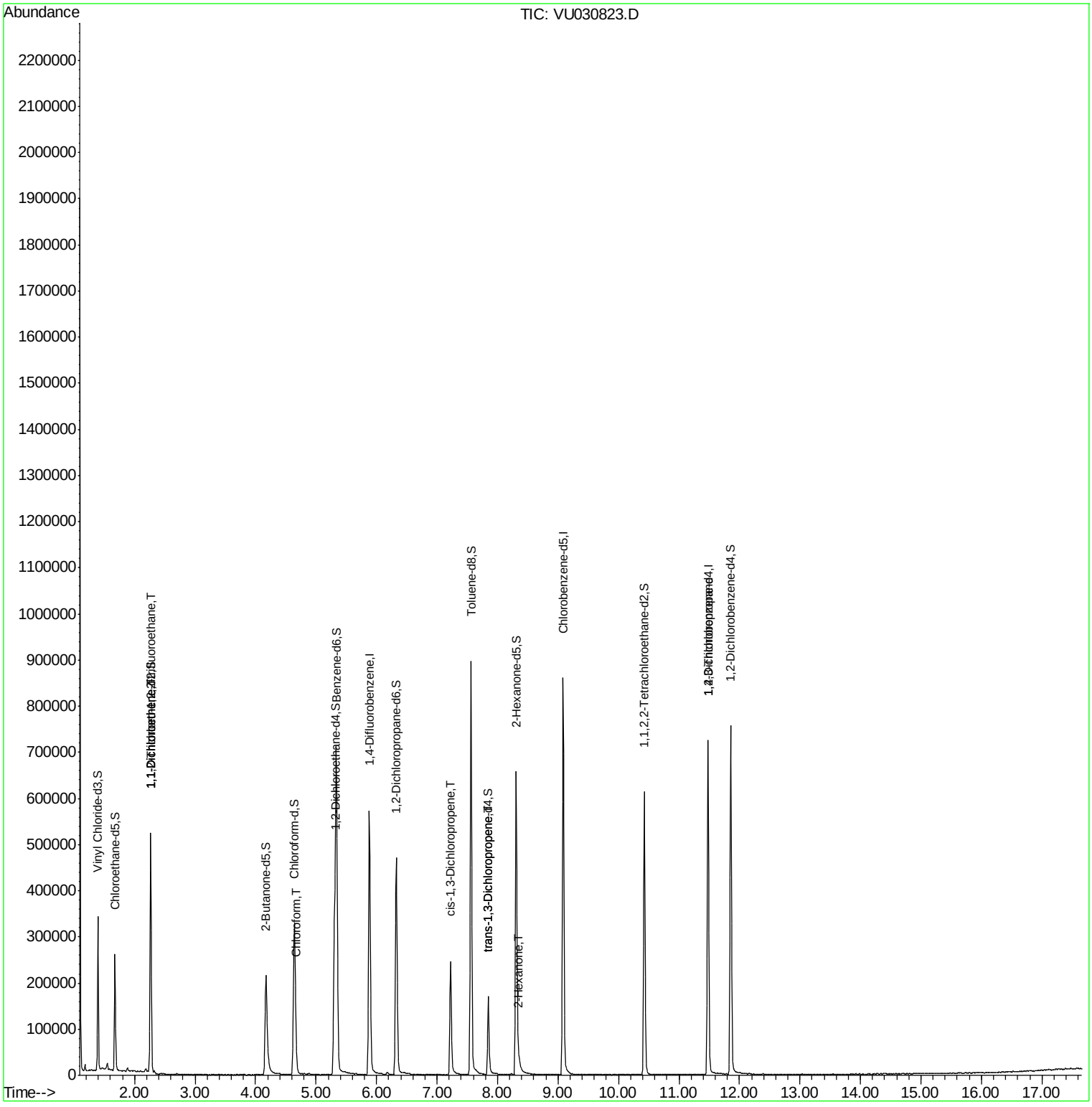
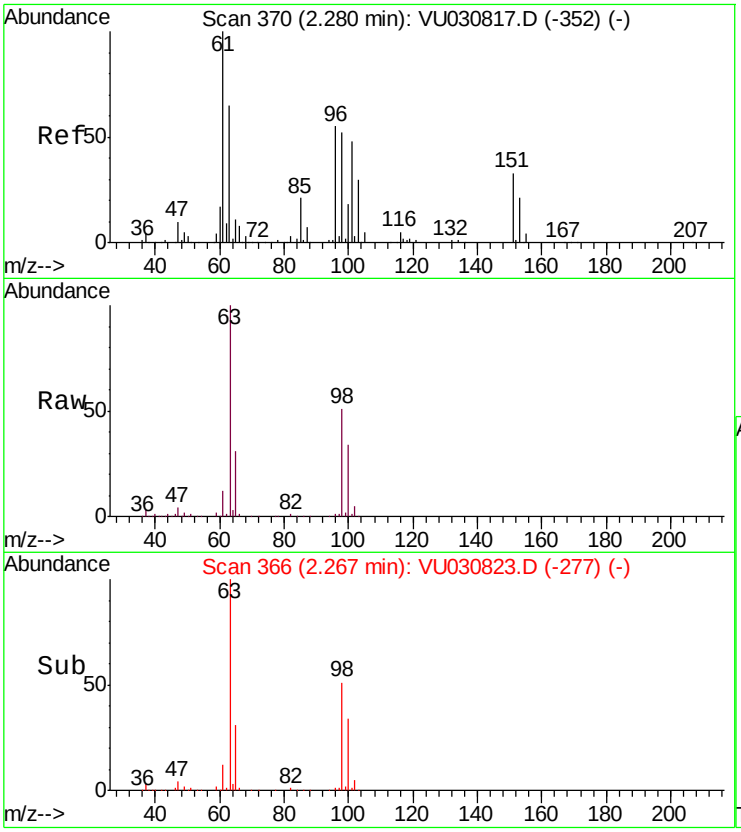
Operator : JC/SP
Sample : K2303-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Apr 08 07:07:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration



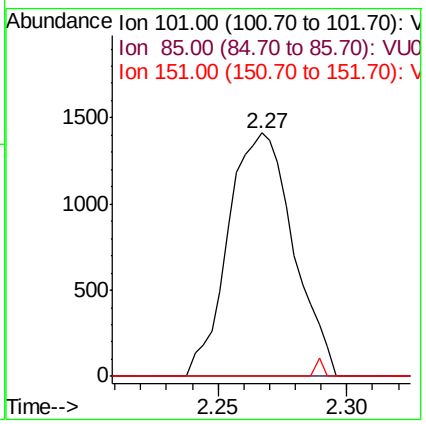


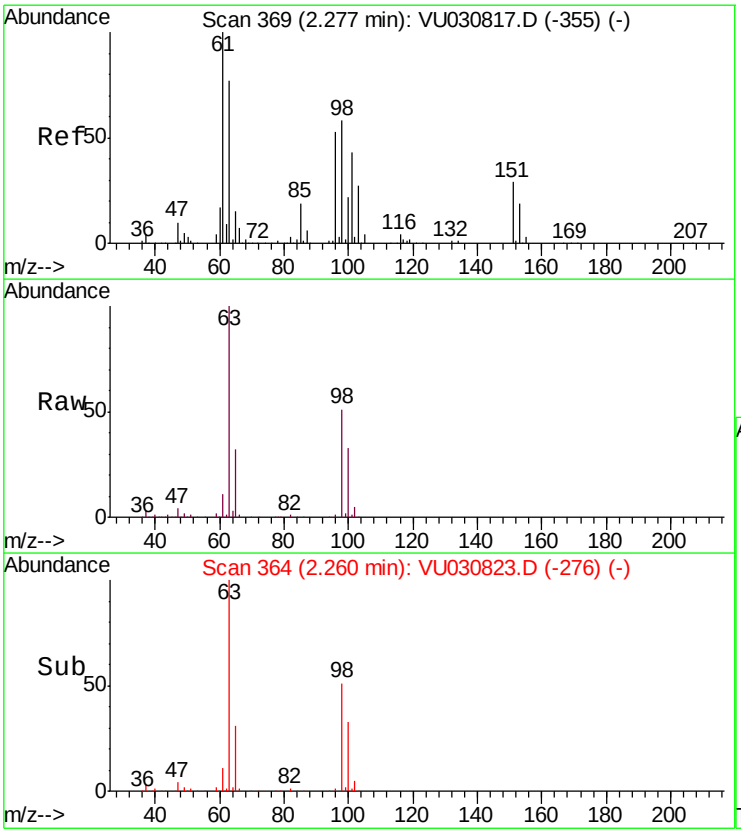
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.747 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030823.D
Acq: 07 Apr 2019 00:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 2487

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

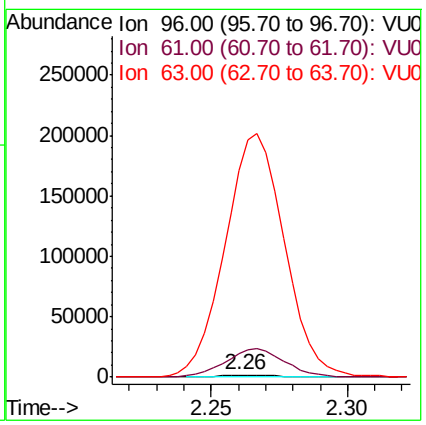


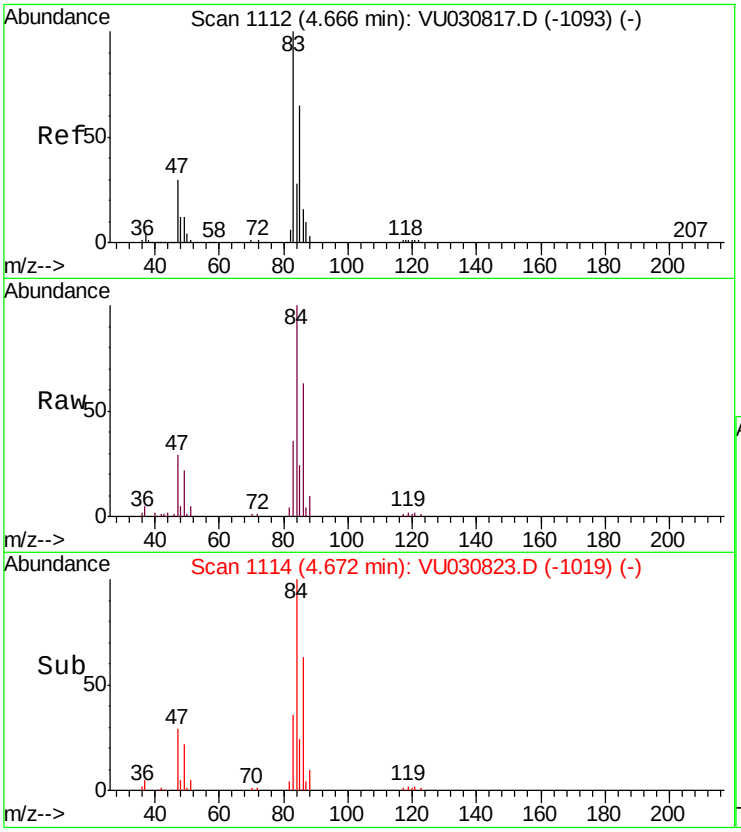


#12
1,1-Dichloroethene
Concen: 0.817 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.02 min
Lab File: VU030823.D
Acq: 07 Apr 2019 00:21

Tgt Ion: 96 Resp: 2626

Ion	Ratio	Lower	Upper
96	100		
61	1158.1	132.0	245.2#
63	10198.1	90.9	168.9#



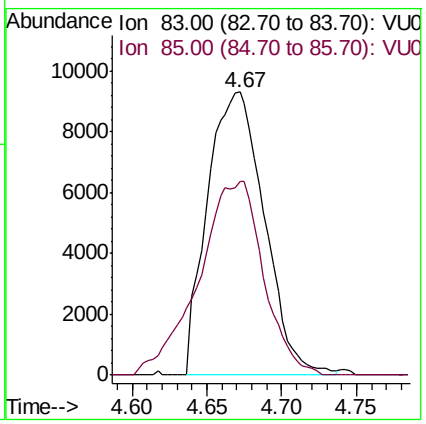


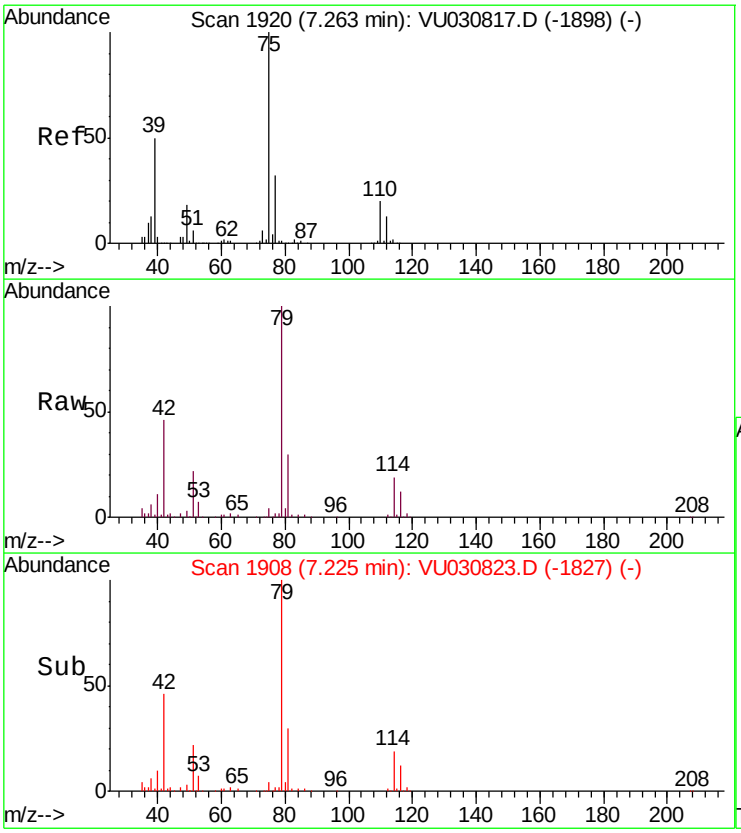
#25
Chloroform
Concen: 3.481 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU030823.D
Acq: 07 Apr 2019 00:21

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 83 Resp: 24641

Ion	Ratio	Lower	Upper
83	100		
85	68.5	45.8	85.0

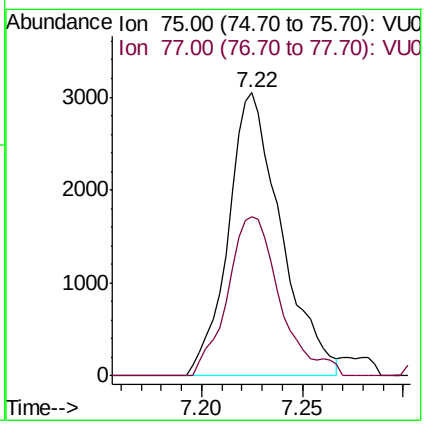


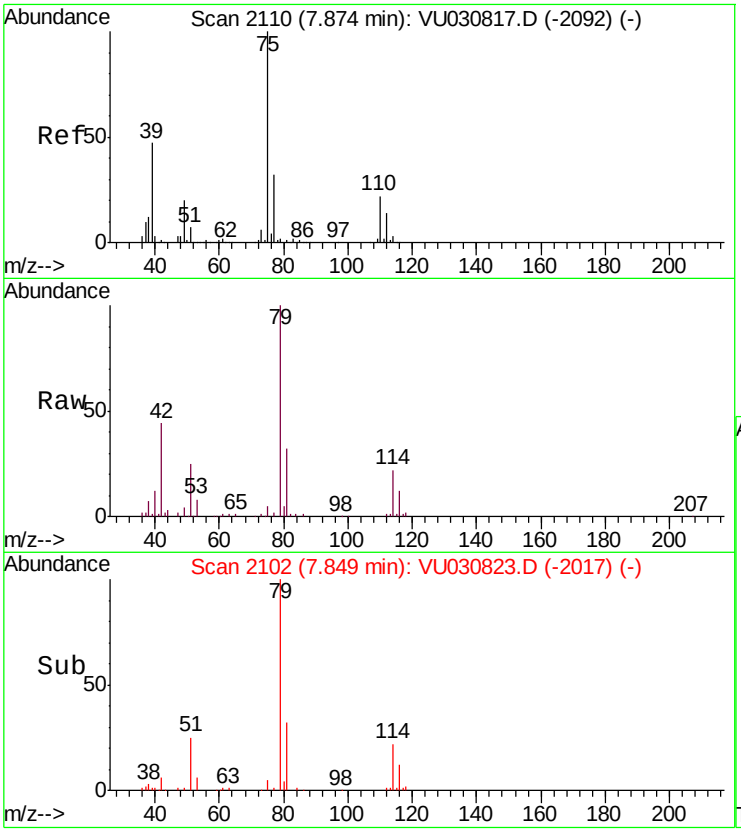


#39
cis-1,3-Dichloropropene
Concen: 0.930 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030823.D
Acq: 07 Apr 2019 00:21

Tgt Ion: 75 Resp: 5591

Ion	Ratio	Lower	Upper
75	100		
77	56.4	23.1	42.9#



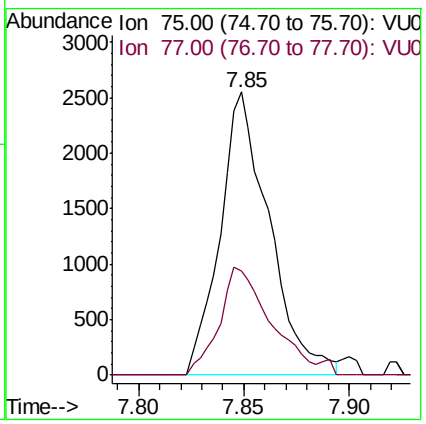


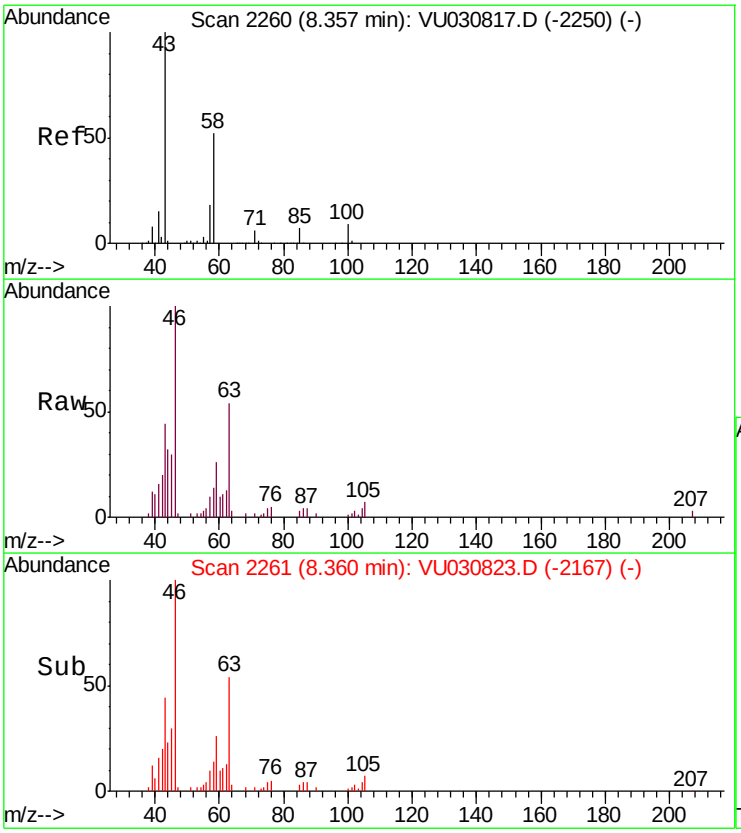
#44
trans-1,3-Dichloropropene
Concen: 0.781 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030823.D
Acq: 07 Apr 2019 00:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 4141

Ion	Ratio	Lower	Upper
75	100		
77	36.6	21.6	40.0

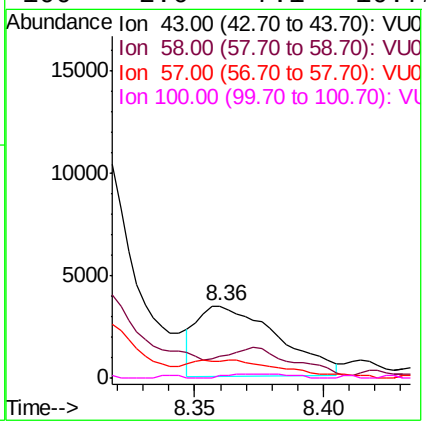


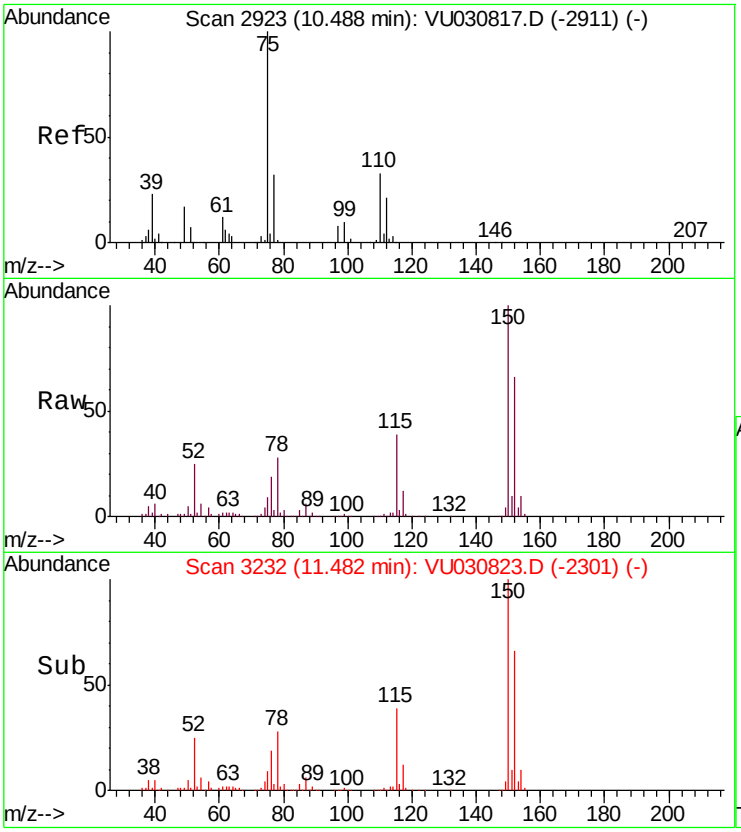


#48
2-Hexanone
Concen: 1.412 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU030823.D
Acq: 07 Apr 2019 00:21

Tgt Ion: 43 Resp: 7486

Ion	Ratio	Lower	Upper
43	100		
58	34.5	41.9	62.9#
57	2.1	14.3	21.5#
100	2.6	7.1	10.7#





#59
1,2,3-Trichloropropane
Concen: 4.833 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030823.D
Acq: 07 Apr 2019 00:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 24459

Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.1	39.1