Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

Quantitation Report (Not Reviewed)

Data File : VU032010.D
Acq On : 14 May 2019 21:22
Operator : JC/SP
Sample : K2738-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB897

Quant Time: May 15 04:32:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1070553	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1057010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	410341	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	393017	41.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.68%			
7) Chloroethane-d5	1.68	69	342118	44.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.96%			
11) 1,1-Dichloroethene-d2	2.27	63	561122	33.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.64%			
21) 2-Butanone-d5	4.17	46	610312	92.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.78%			
24) Chloroform-d	4.64	84	705826	44.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.78%			
26) 1,2-Dichloroethane-d4	5.31	65	455955	46.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.08%			
32) Benzene-d6	5.34	84	1479010	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.66%			
36) 1,2-Dichloropropane-d6	6.32	67	492856	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.62%			
41) Toluene-d8	7.56	98	1280594	46.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.42%			
43) trans-1,3-Dichloropropene-	7.85	79	201532	45.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.48%			
47) 2-Hexanone-d5	8.31	63	403531	98.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	671471	44.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.86%			
64) 1,2-Dichlorobenzene-d4	11.85	152	427644	49.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.06%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	21071	1.827	ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4849	0.609	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	5353	0.677	ug/L #	1
13) Acetone	2.32	43	20292	3.001	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	132880	16.156	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	85147	9.359	ug/L	95
34) Trichloroethene	6.18	95	1947813	227.163	ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	11754	0.890	ug/L #	76
46) Tetrachloroethene	8.22	164	406854	67.206	ug/L	97
48) 2-Hexanone	8.31	43	44102	4.307	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	53146	4.381	ug/L	92

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

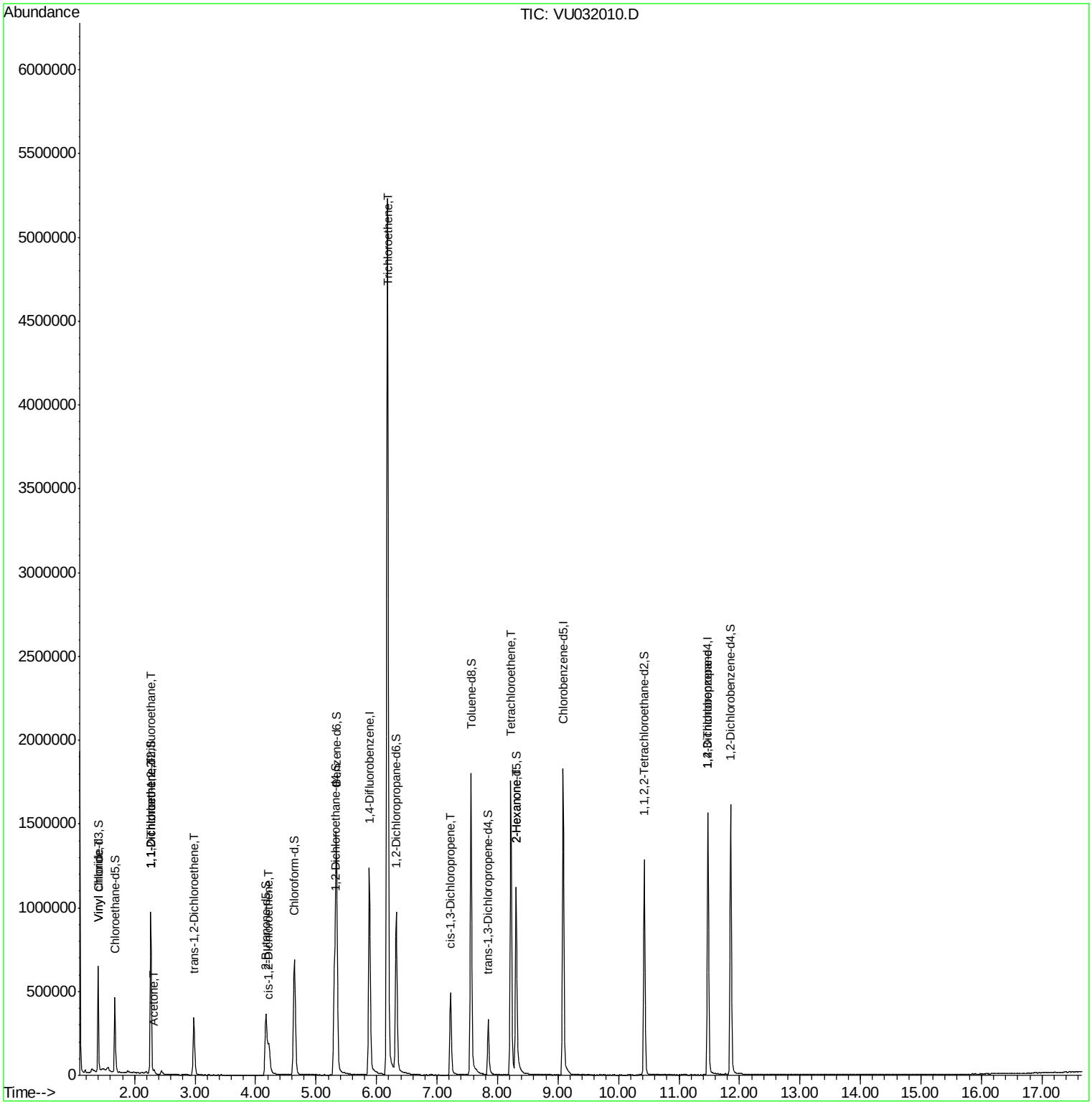
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

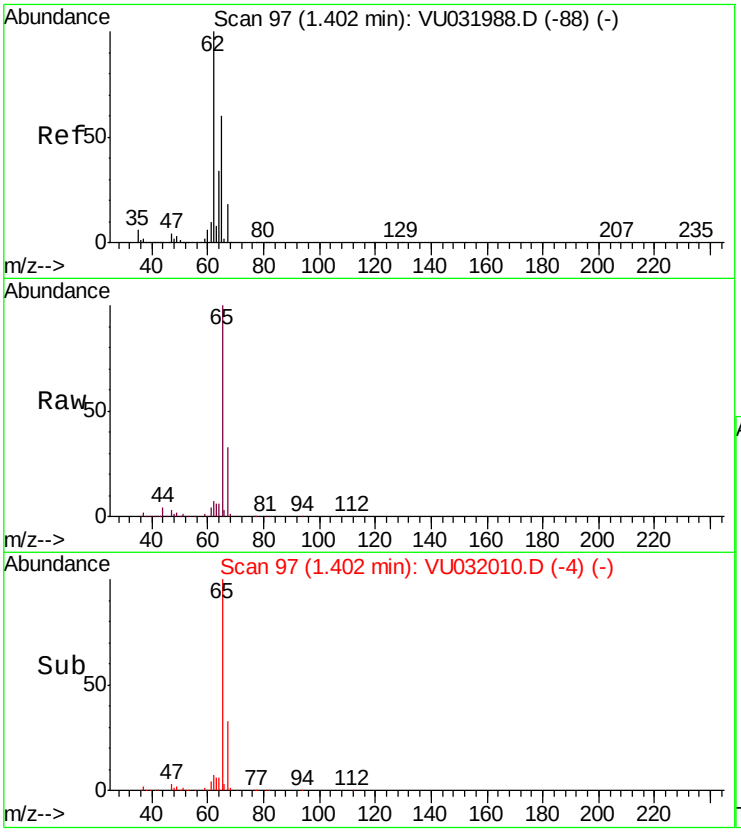
Quantitation Report (Not Reviewed)

Data File : VU032010.D
Acq On : 14 May 2019 21:22
Operator : JC/SP
Sample : K2738-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB897

Quant Time: May 15 04:32:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration



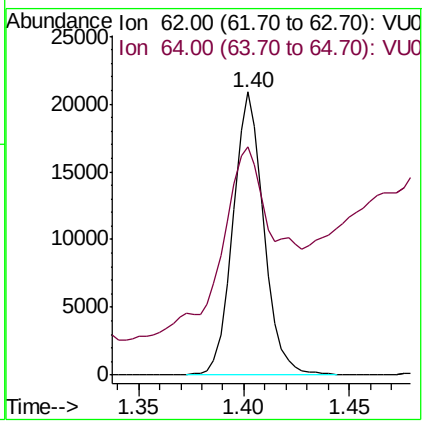


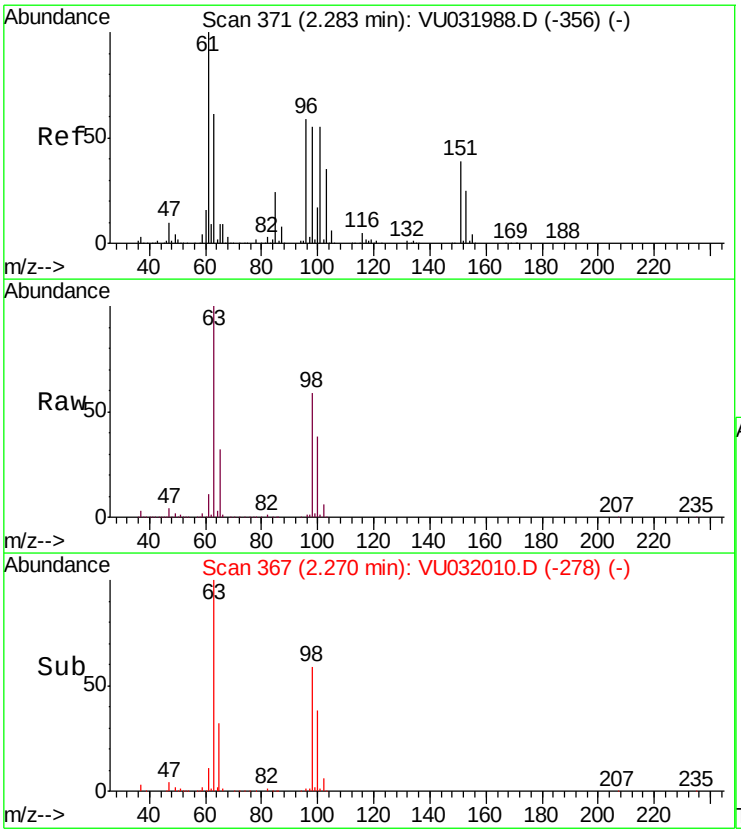
#5
Vinyl chloride
Concen: 1.827 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Instrument :
MSVOA_U
ClientSampleId :
DB897

Tgt Ion: 62 Resp: 21071

Ion	Ratio	Lower	Upper
62	100		
64	80.5	23.6	43.8#

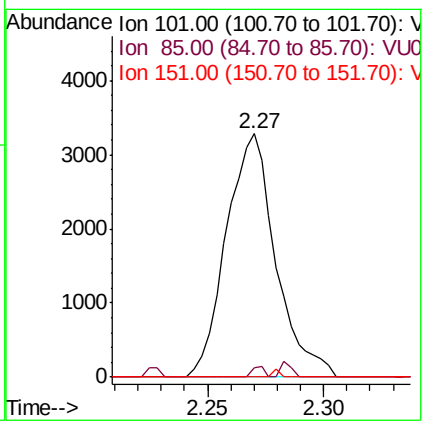


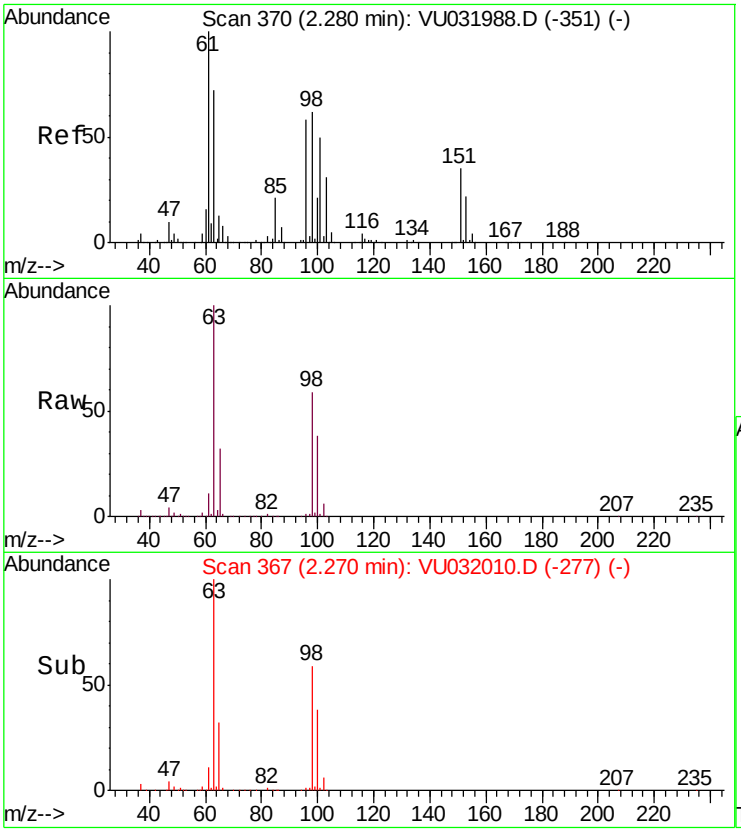


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.609 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Tgt Ion:101 Resp: 4849

Ion	Ratio	Lower	Upper
101	100		
85	1.0	34.1	51.1#
151	0.0	55.8	83.8#



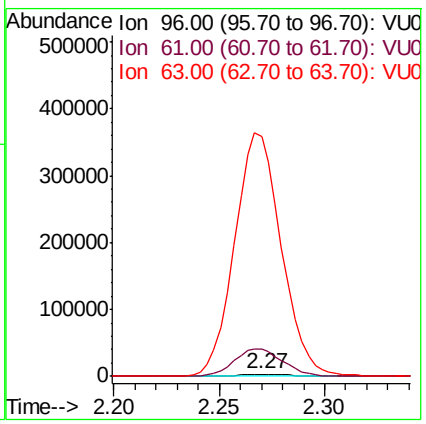


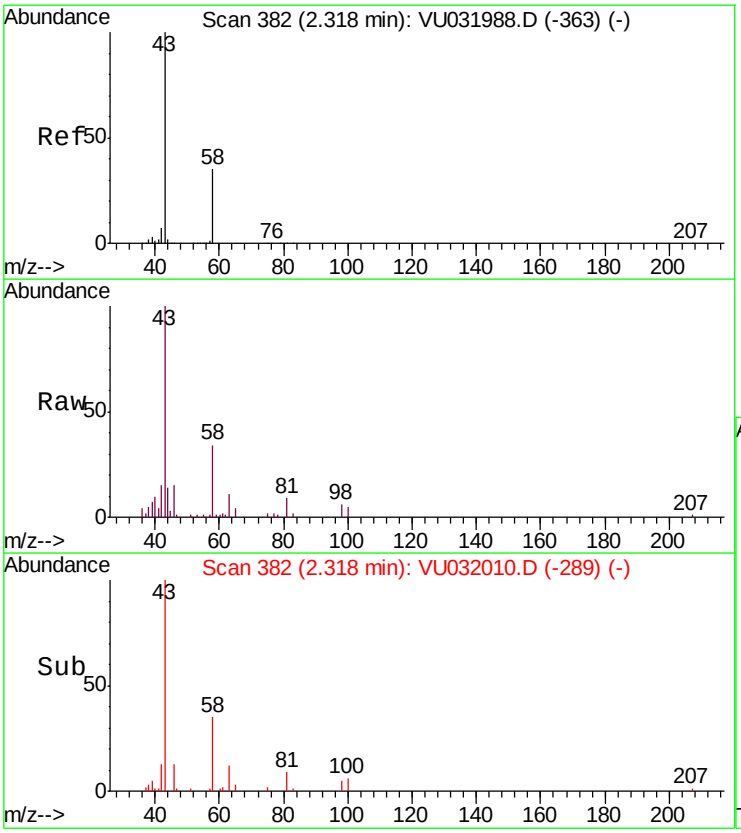
#12
1,1-Dichloroethene
Concen: 0.677 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Instrument : MSVOA_U
ClientSampleId : DB897

Tgt Ion: 96 Resp: 5353

Ion	Ratio	Lower	Upper
96	100		
61	1415.1	120.9	224.5#
63	12530.0	84.4	156.8#

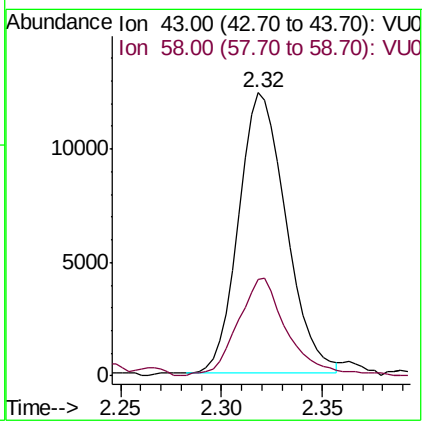


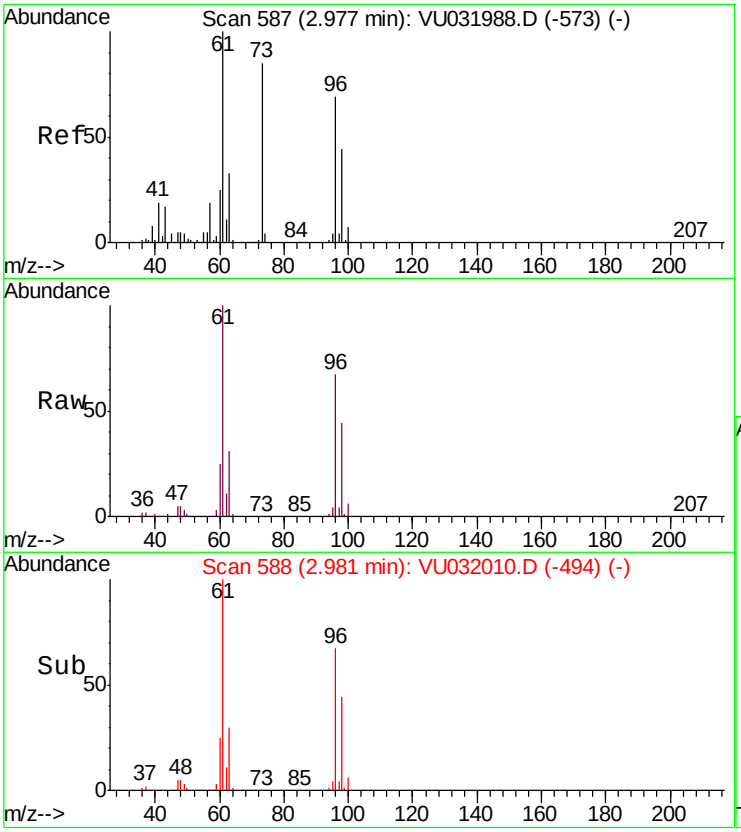


#13
Acetone
Concen: 3.001 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Tgt Ion: 43 Resp: 20292

Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	68.2



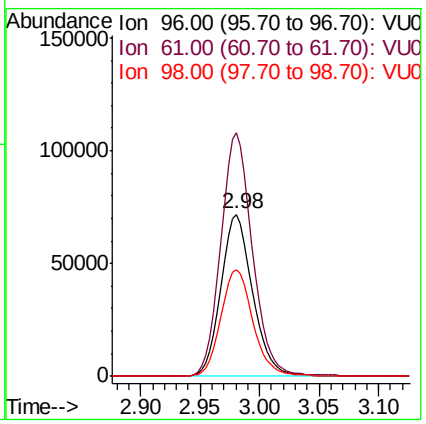


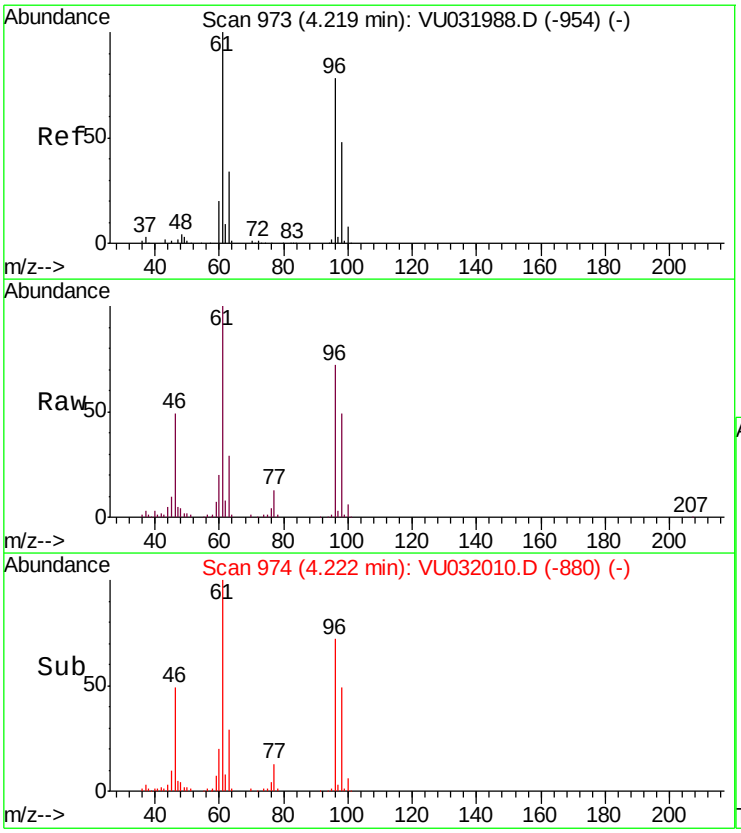
#17
trans-1,2-Dichloroethene
Concen: 16.156 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Instrument :
MSVOA_U
ClientSampleId :
DB897

Tgt Ion: 96 Resp: 132880

Ion	Ratio	Lower	Upper
96	100		
61	150.2	103.2	191.6
98	65.7	45.7	84.9

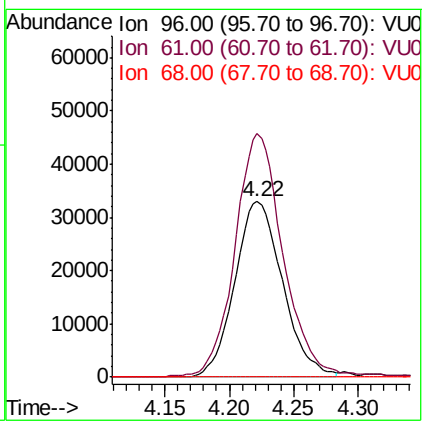


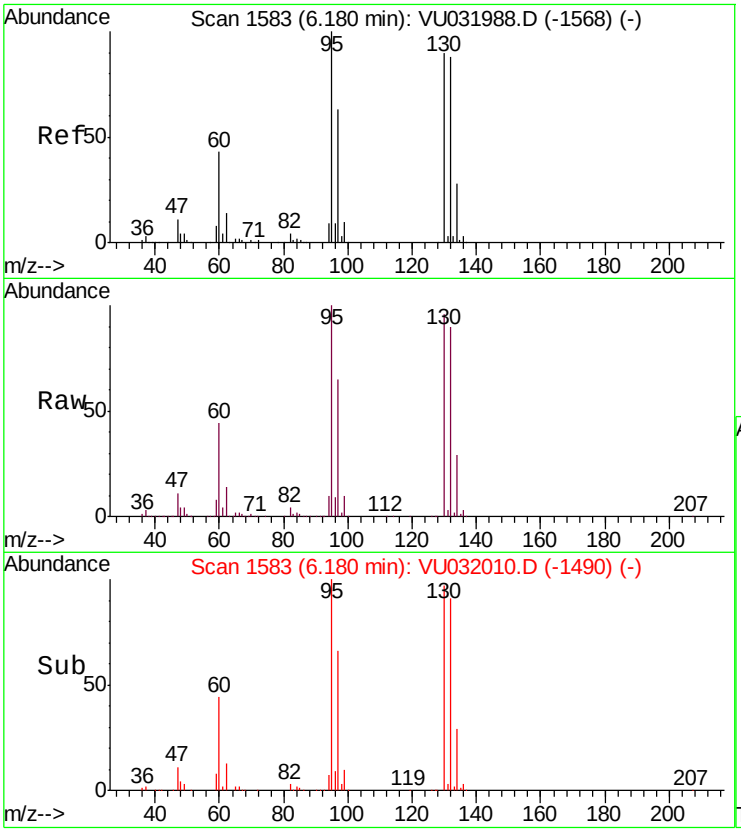


#20
cis-1,2-Dichloroethene
Concen: 9.359 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Tgt Ion: 96 Resp: 85147

Ion	Ratio	Lower	Upper
96	100		
61	138.6	93.0	172.8
68	0.0	0.0	0.0



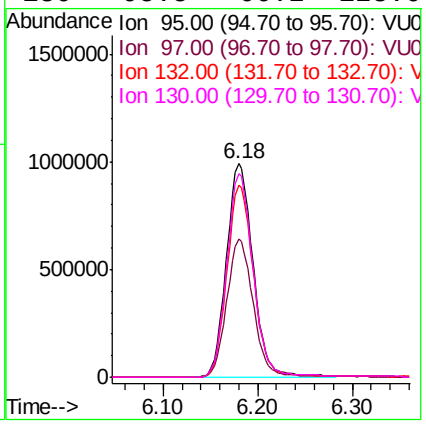


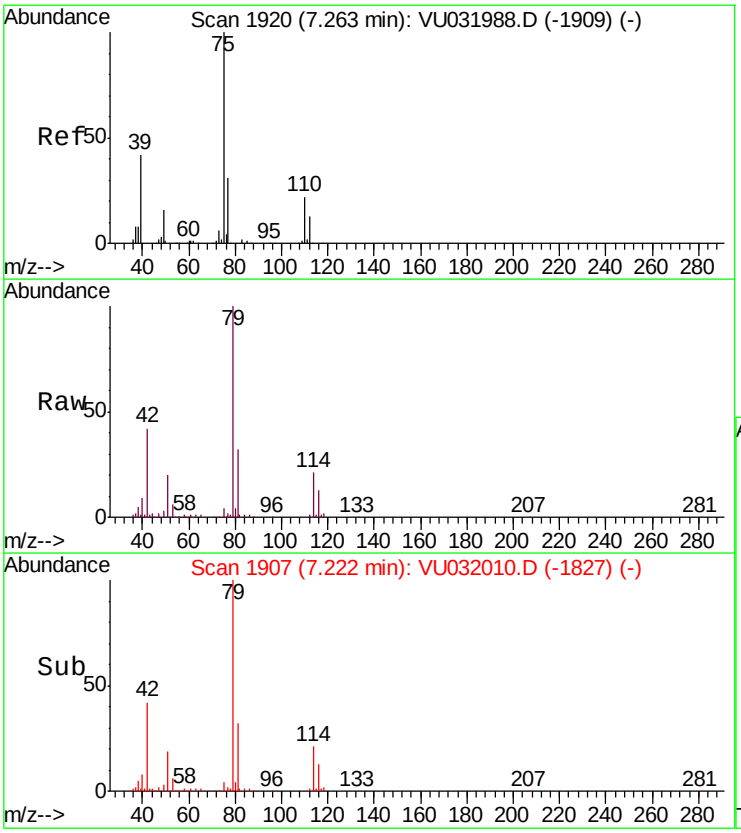
#34
Trichloroethene
Concen: 227.163 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Instrument : MSVOA_U
ClientSampleId : DB897

Tgt Ion: 95 Resp: 1947813

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.9	83.3
132	89.9	63.5	117.9
130	95.5	66.2	123.0

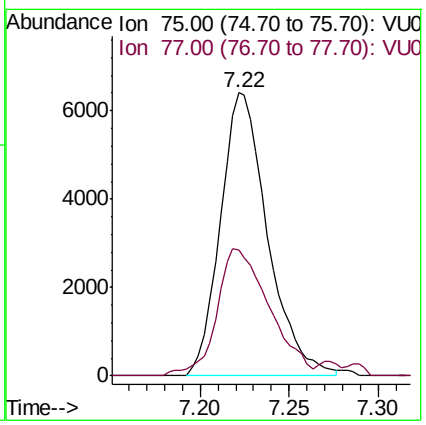


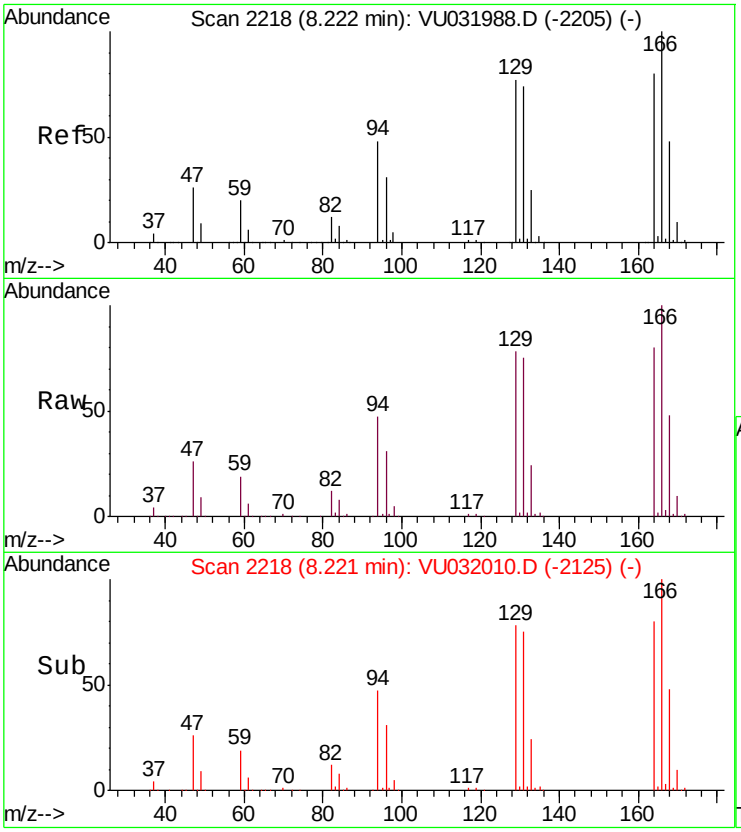


#39
cis-1,3-Dichloropropene
Concen: 0.890 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Tgt Ion: 75 Resp: 11754

Ion	Ratio	Lower	Upper
75	100		
77	44.4	21.8	40.6#



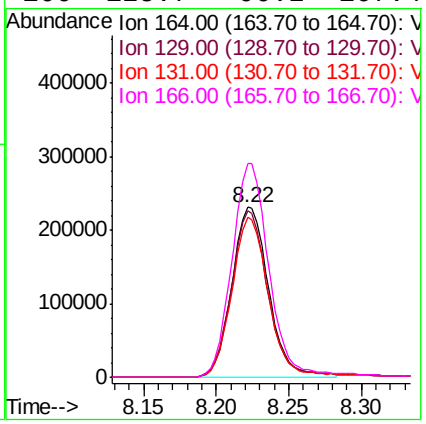


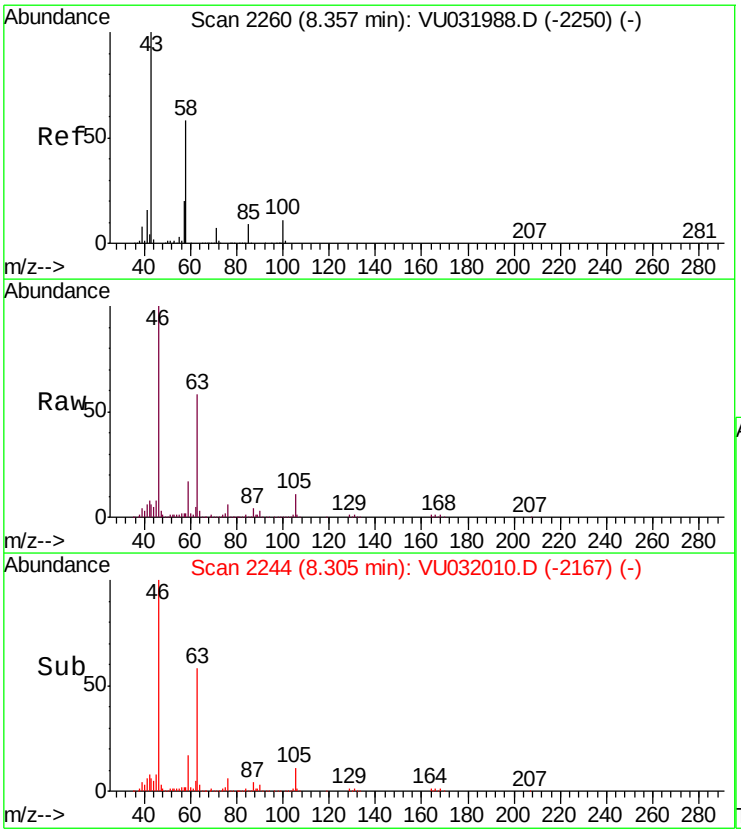
#46
Tetrachloroethene
Concen: 67.206 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Instrument : MSVOA_U
ClientSampleId : DB897

Tgt Ion:164 Resp: 406854

Ion	Ratio	Lower	Upper
164	100		
129	98.3	70.9	131.7
131	94.0	67.4	125.2
166	125.7	90.2	167.4

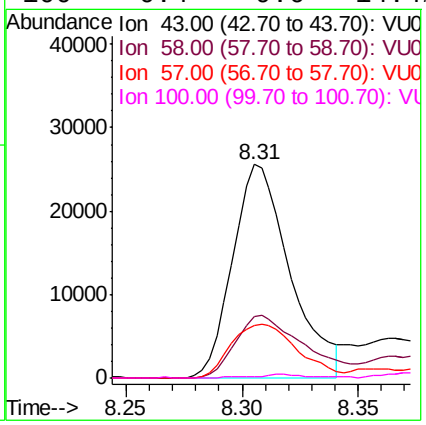


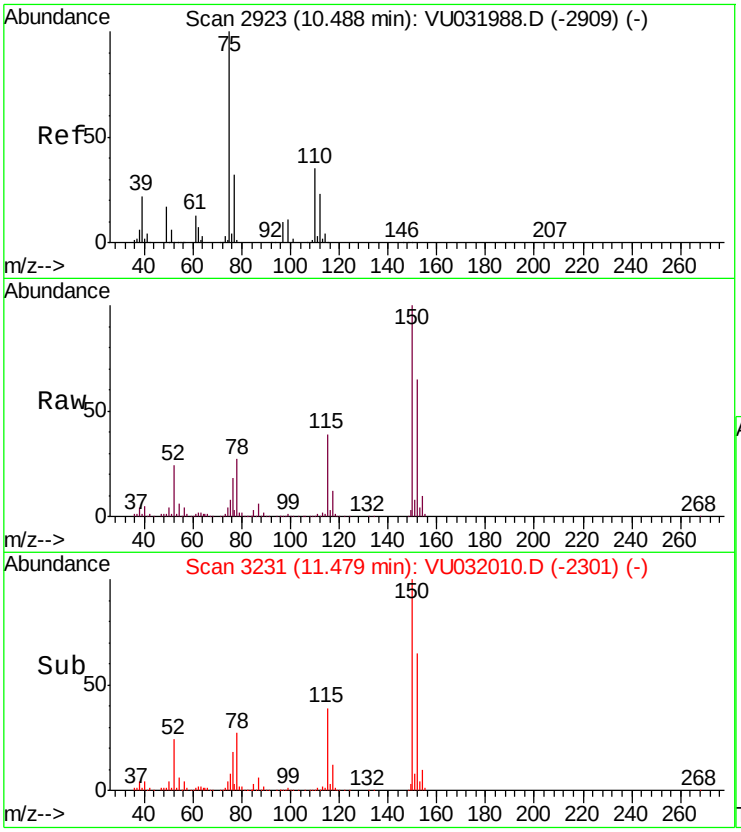


#48
2-Hexanone
Concen: 4.307 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Tgt Ion: 43 Resp: 44102

Ion	Ratio	Lower	Upper
43	100		
58	35.1	47.8	71.6#
57	29.2	16.0	24.0#
100	0.4	9.6	14.4#





#59
1,2,3-Trichloropropane
Concen: 4.381 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032010.D
Acq: 14 May 2019 21:22

Instrument :
MSVOA_U
ClientSampleId :
DB897

Tgt Ion: 75 Resp: 53146

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.7	38.5