Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\

Quantitation Report (Not Reviewed)

Data File : VU032038.D
Acq On : 15 May 2019 17:44
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Quant Time: May 16 04:30:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1077923	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1058570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	410933	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	385850	40.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.58%			
7) Chloroethane-d5	1.95	69	294	0.04	ug/L	0.30
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.08%#			
11) 1,1-Dichloroethene-d2	2.27	63	539388	31.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.62%			
21) 2-Butanone-d5	4.17	46	641479	96.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.85%			
24) Chloroform-d	4.64	84	682858	43.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.26%			
26) 1,2-Dichloroethane-d4	5.30	65	445547	44.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.36%			
32) Benzene-d6	5.33	84	1448126	47.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.50%			
36) 1,2-Dichloropropane-d6	6.32	67	485863	48.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.10%			
41) Toluene-d8	7.56	98	1255357	45.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.44%			
43) trans-1,3-Dichloropropene-	7.85	79	195901	43.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.84%			
47) 2-Hexanone-d5	8.31	63	391238	95.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	679786	45.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.84%			
64) 1,2-Dichlorobenzene-d4	11.85	152	431271	49.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.76%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	5042	0.629	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	4718	0.593	ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	10391	1.255	ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	5397	0.589	ug/L	95
34) Trichloroethene	6.19	95	5459	0.636	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	7783	0.670	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	52574	4.328	ug/L	90

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

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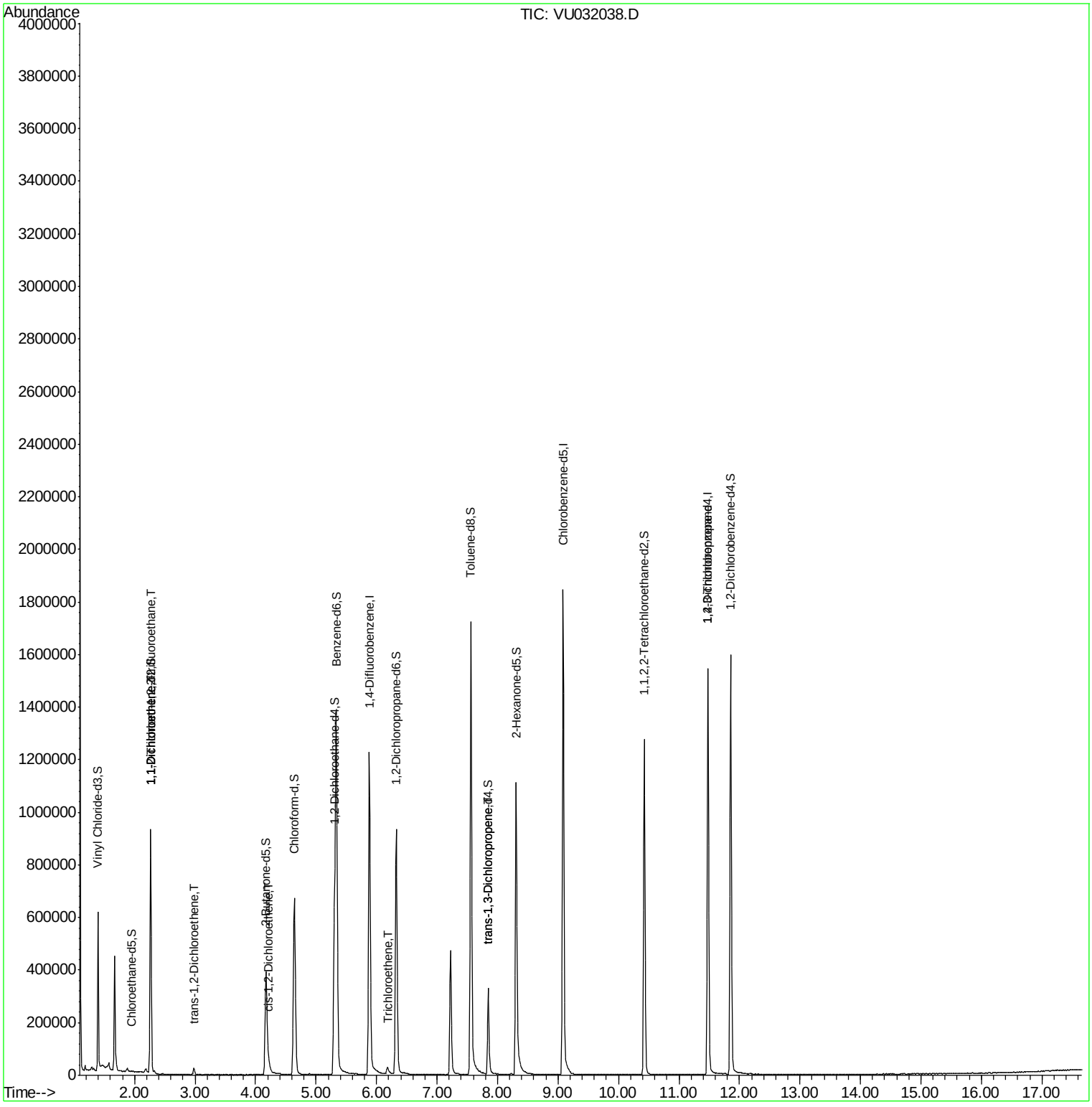
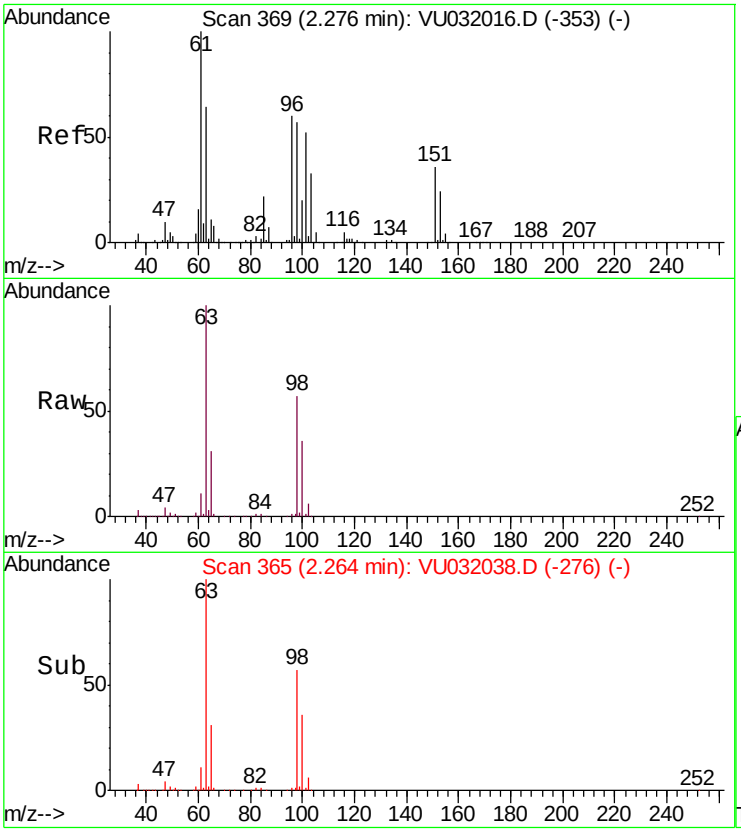
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration



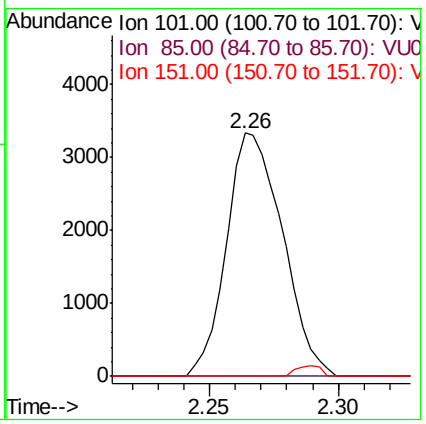


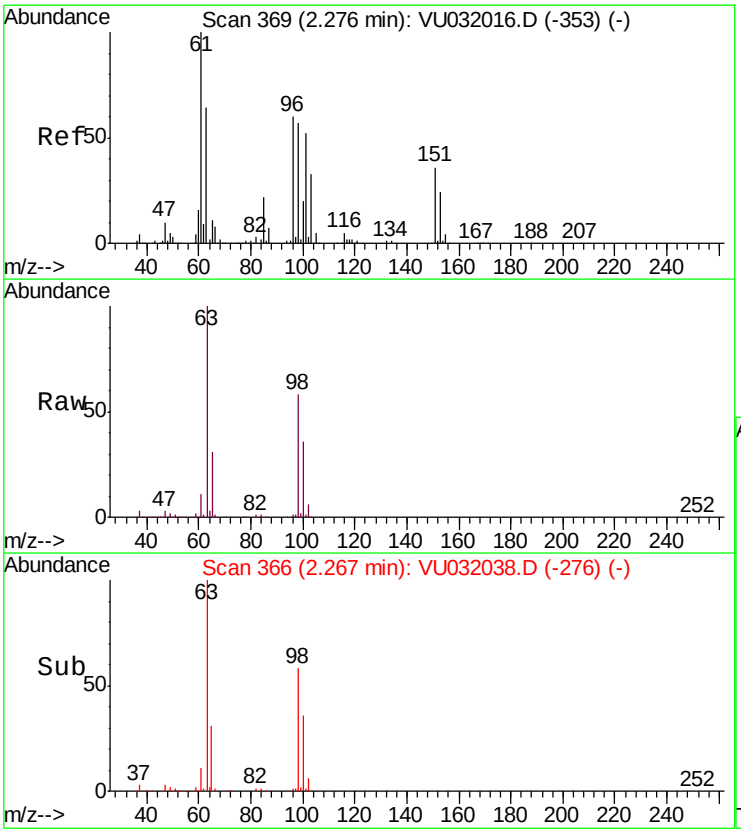
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.629 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU032038.D
Acq: 15 May 2019 17:44

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Tgt Ion:101 Resp: 5042

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	1.9	55.8	83.8#

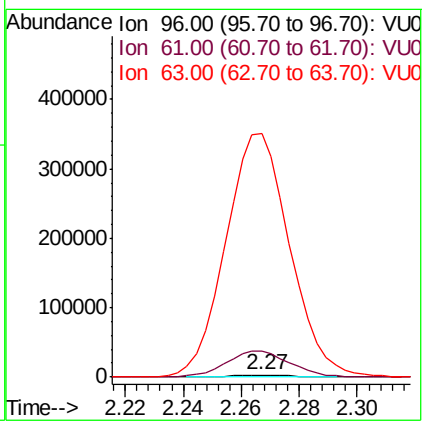


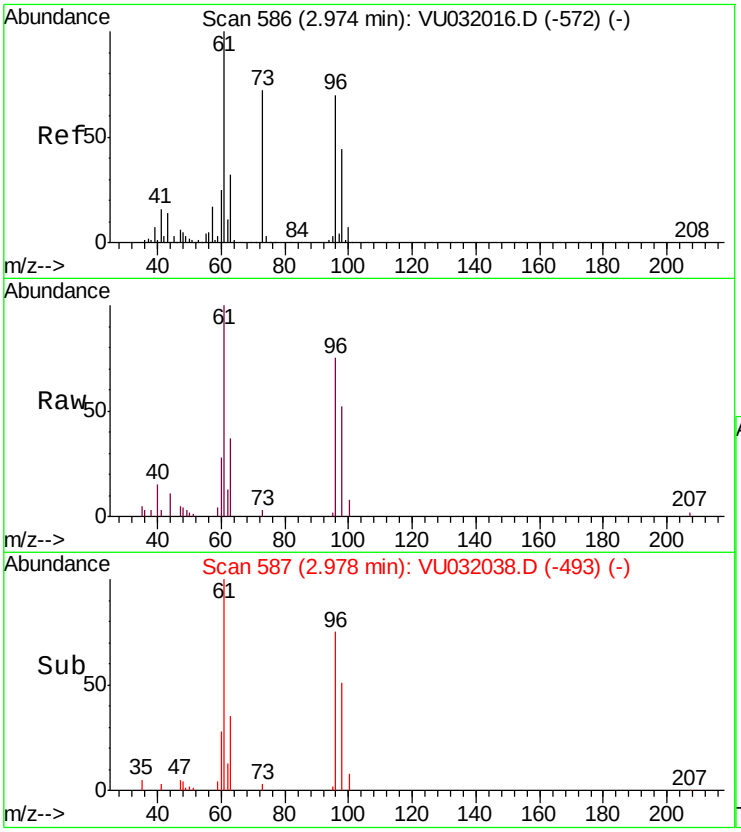


#12
1,1-Dichloroethene
Concen: 0.593 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032038.D
Acq: 15 May 2019 17:44

Tgt Ion: 96 Resp: 4718

Ion	Ratio	Lower	Upper
96	100		
61	1268.0	120.9	224.5#
63	11692.8	84.4	156.8#



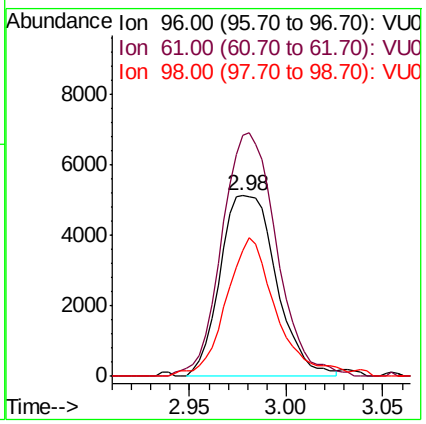


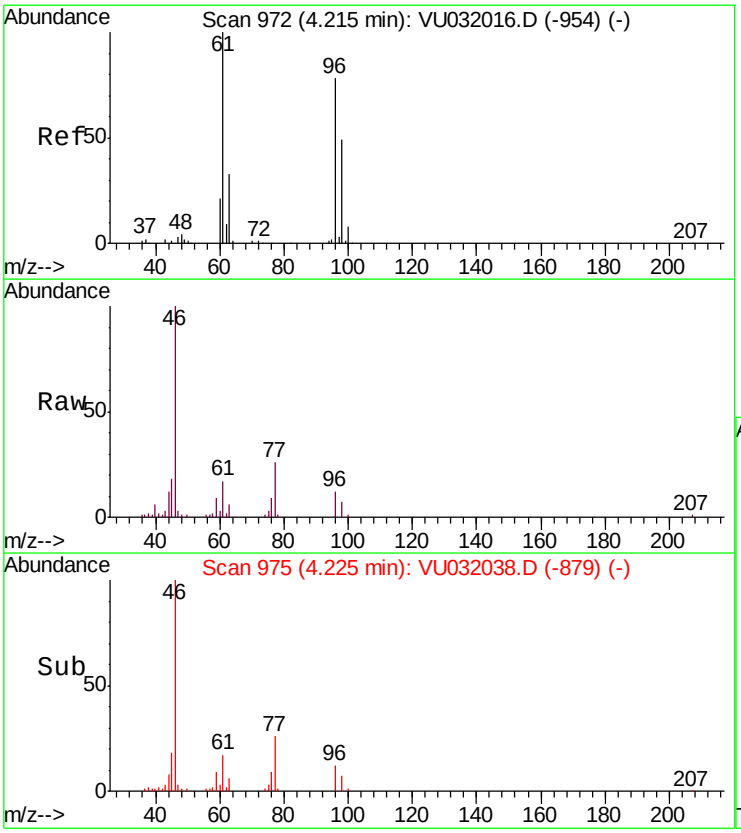
#17
trans-1,2-Dichloroethene
Concen: 1.255 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032038.D
Acq: 15 May 2019 17:44

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Tgt Ion: 96 Resp: 10391

Ion	Ratio	Lower	Upper
96	100		
61	133.5	103.2	191.6
98	70.0	45.7	84.9

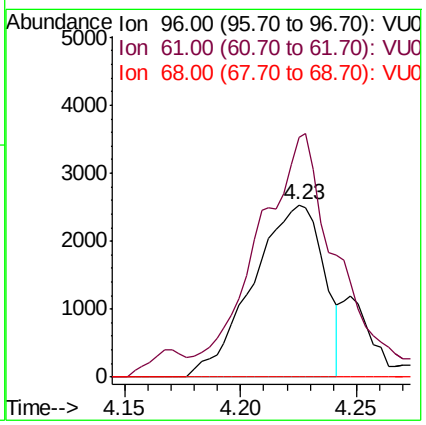


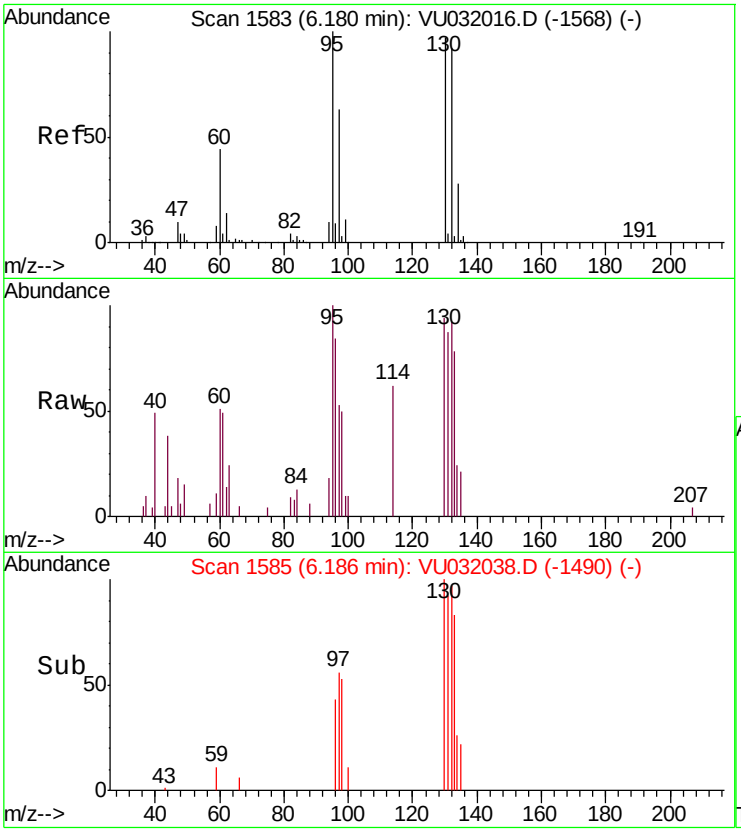


#20
cis-1,2-Dichloroethene
Concen: 0.589 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU032038.D
Acq: 15 May 2019 17:44

Tgt Ion: 96 Resp: 5397

Ion	Ratio	Lower	Upper
96	100		
61	139.2	93.0	172.8
68	0.0	0.0	0.0



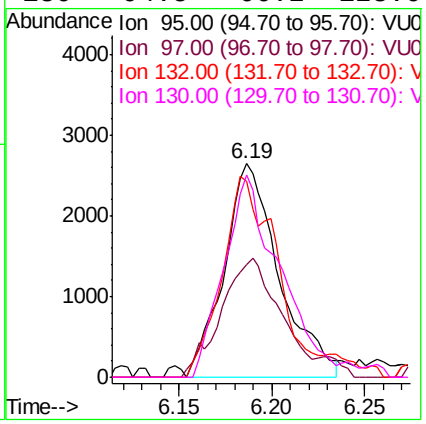


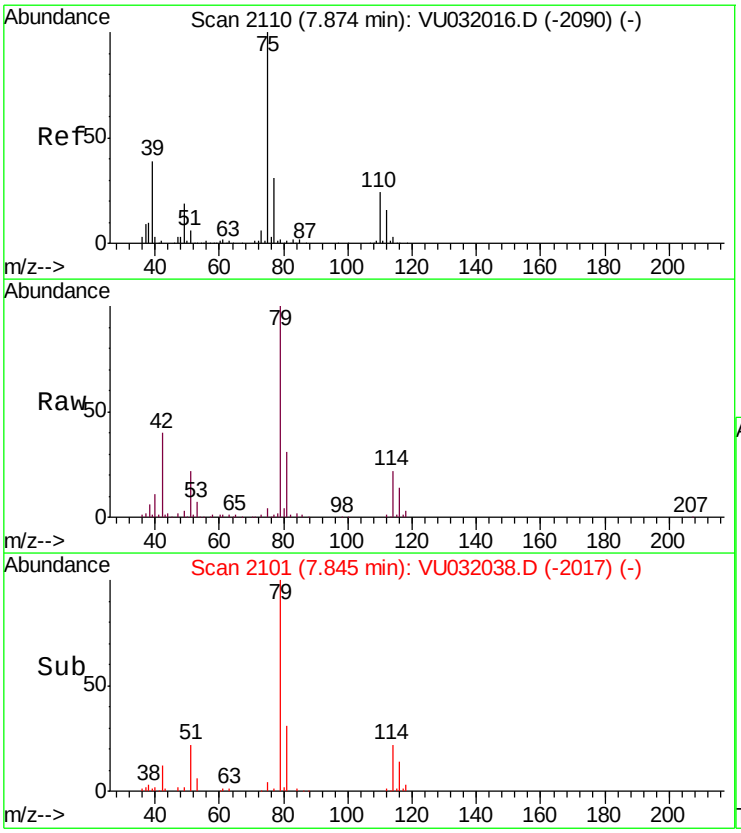
#34
Trichloroethene
Concen: 0.636 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU032038.D
Acq: 15 May 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tgt Ion: 95 Resp: 5459

Ion	Ratio	Lower	Upper
95	100		
97	53.0	44.9	83.3
132	91.7	63.5	117.9
130	94.5	66.2	123.0

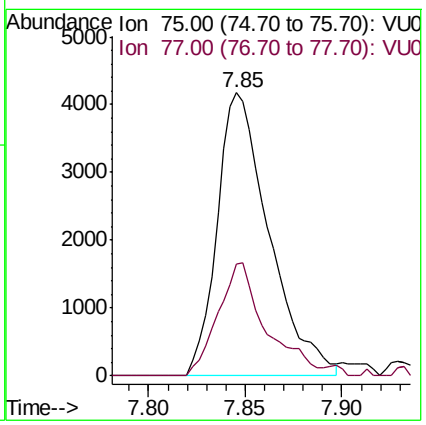


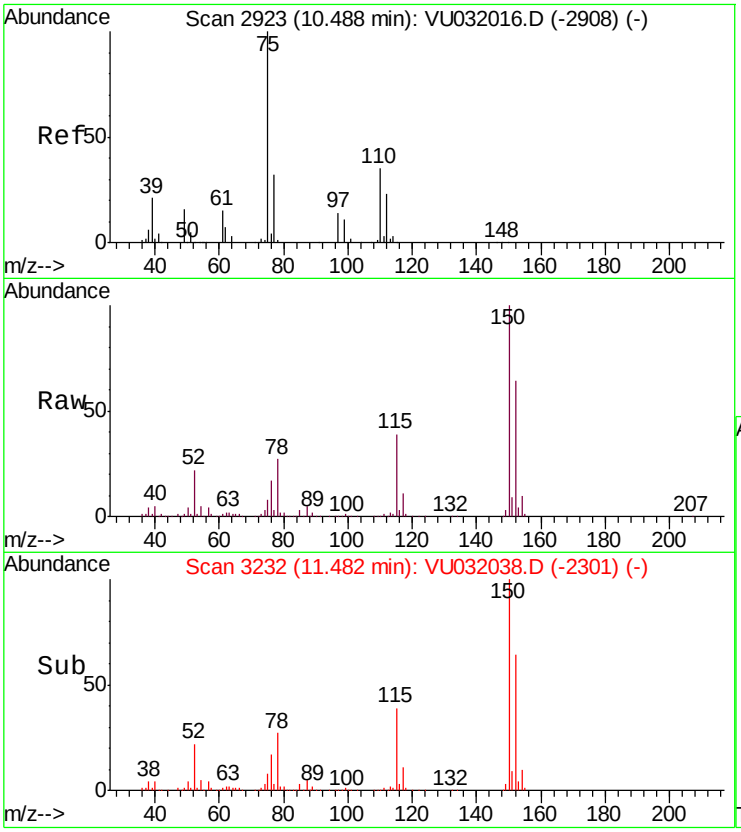


#44
trans-1,3-Dichloropropene
Concen: 0.670 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032038.D
Acq: 15 May 2019 17:44

Tgt Ion: 75 Resp: 7783

Ion	Ratio	Lower	Upper
75	100		
77	39.6	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 4.328 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032038.D
Acq: 15 May 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tgt Ion: 75 Resp: 52574

Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.7	38.5