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

Quantitation Report (Not Reviewed)

Data File : VU032006.D
Acq On : 14 May 2019 19:47
Operator : JC/SP
Sample : K2738-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB891

Quant Time: May 15 04:32:03 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	1152772	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1167957	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	481060	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	409859	40.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.04%			
7) Chloroethane-d5	1.67	69	351806	42.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.90%			
11) 1,1-Dichloroethene-d2	2.27	63	582357	32.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.24%			
21) 2-Butanone-d5	4.17	46	665429	93.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.94%			
24) Chloroform-d	4.64	84	731003	43.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.34%			
26) 1,2-Dichloroethane-d4	5.30	65	476250	44.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.32%			
32) Benzene-d6	5.34	84	1565008	46.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.56%			
36) 1,2-Dichloropropane-d6	6.32	67	514073	46.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.16%			
41) Toluene-d8	7.56	98	1385694	45.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.48%			
43) trans-1,3-Dichloropropene-	7.85	79	215668	43.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.64%			
47) 2-Hexanone-d5	8.31	63	465821	102.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.96%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	707480	42.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.70%			
64) 1,2-Dichlorobenzene-d4	11.85	152	477543	47.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.36%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	60181	4.847	ug/L #	45
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5085	0.593	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	6064	0.712	ug/L #	1
13) Acetone	2.32	43	30141	4.139	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	369464	41.716	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	277951	28.372	ug/L	98
34) Trichloroethene	6.18	95	12909536	1362.555	ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	11581	0.794	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	8284	0.647	ug/L	97
48) 2-Hexanone	8.31	43	50015	4.420	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	61505	4.589	ug/L	95

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

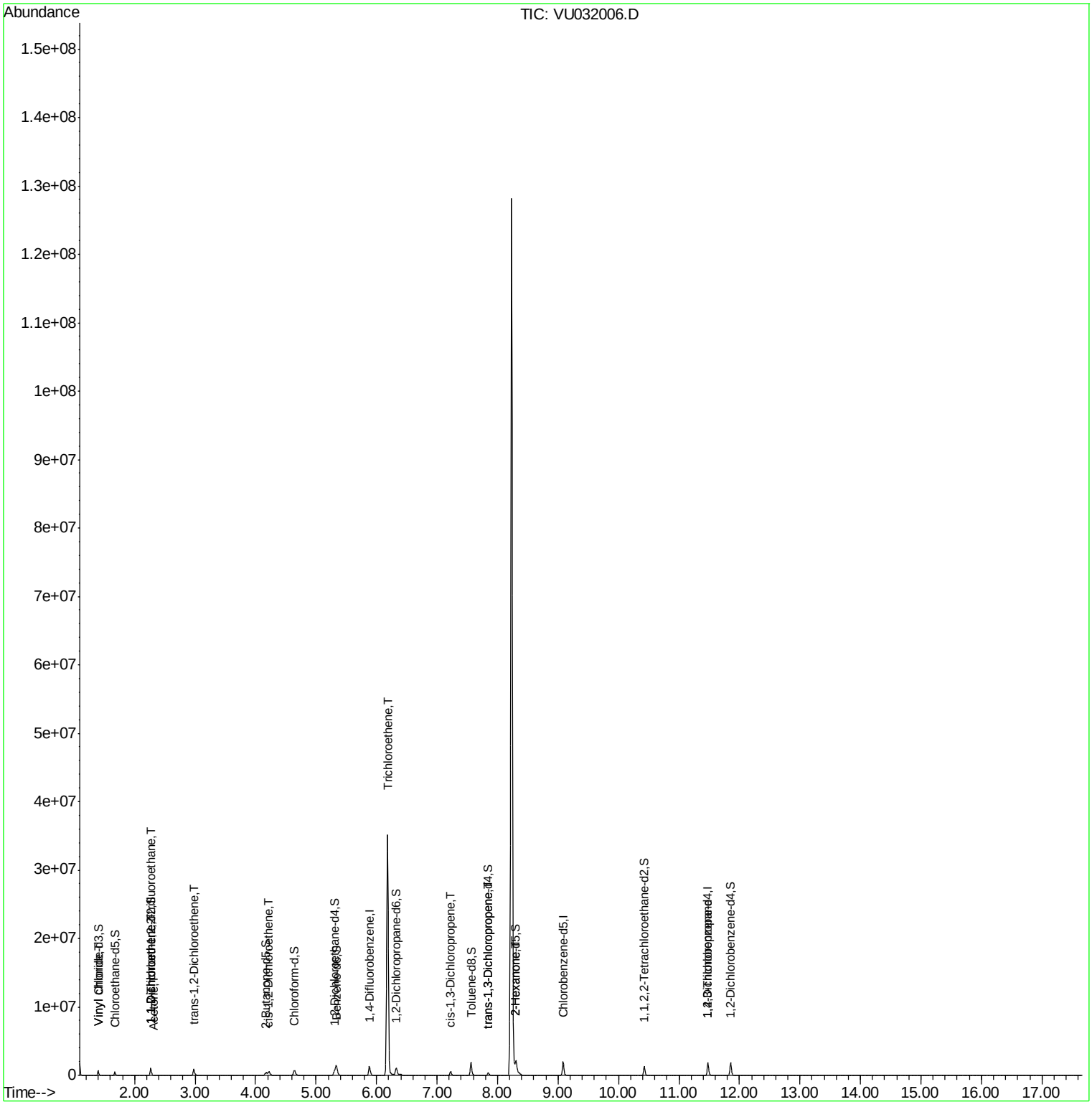
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

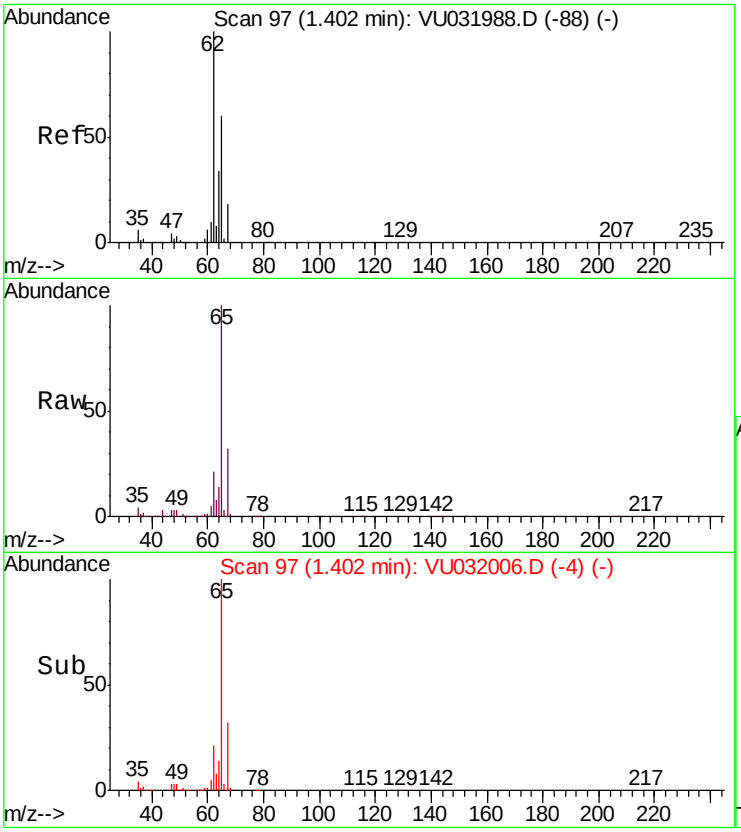
Quantitation Report (Not Reviewed)

Data File : VU032006.D
Acq On : 14 May 2019 19:47
Operator : JC/SP
Sample : K2738-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB891

Quant Time: May 15 04:32:03 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



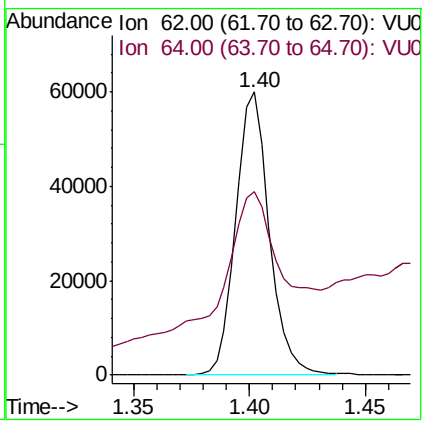


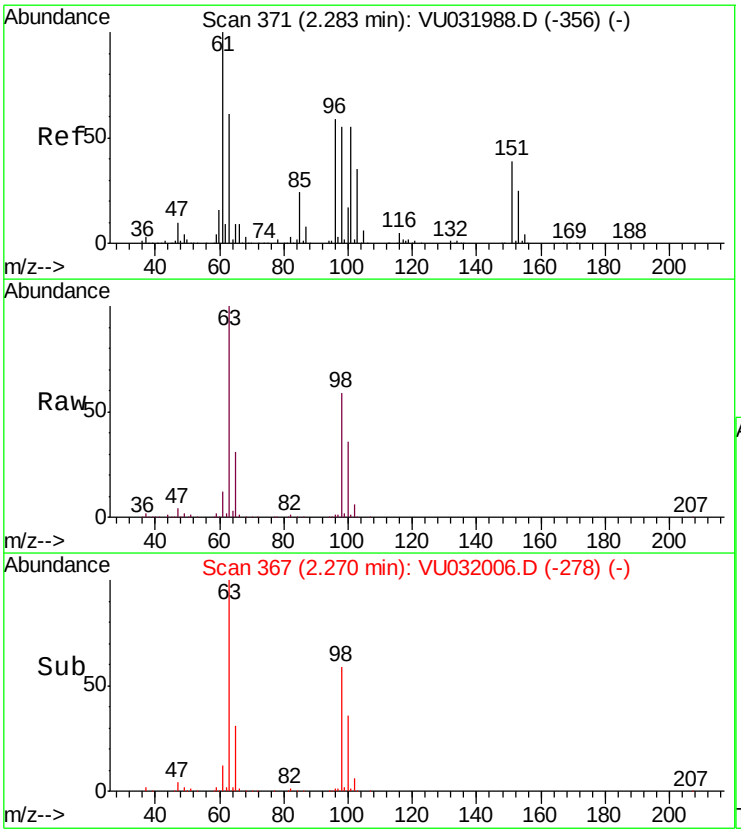
#5
Vinyl chloride
Concen: 4.847 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
DB891

Tgt Ion: 62 Resp: 60181

Ion	Ratio	Lower	Upper
62	100		
64	64.8	23.6	43.8#

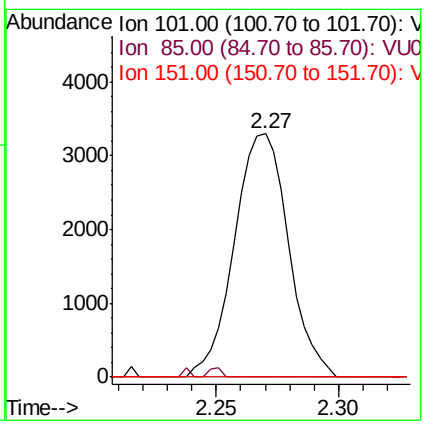


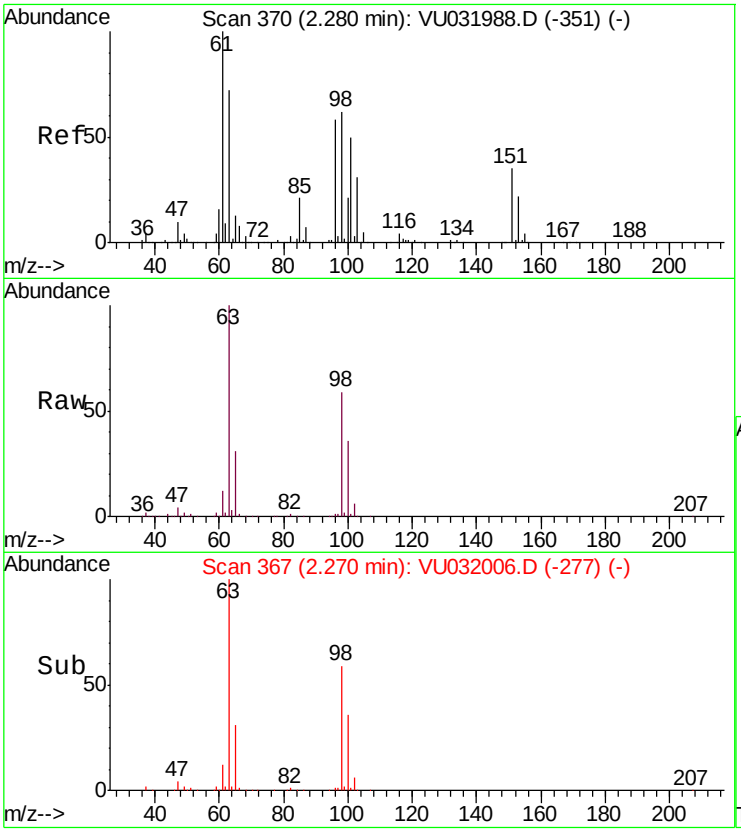


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.593 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Tgt Ion:101 Resp: 5085

Ion	Ratio	Lower	Upper
101	100		
85	0.9	34.1	51.1#
151	0.0	55.8	83.8#



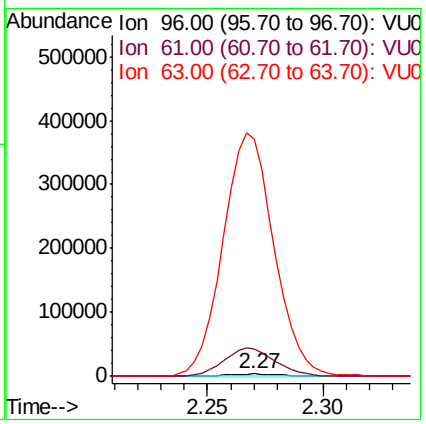


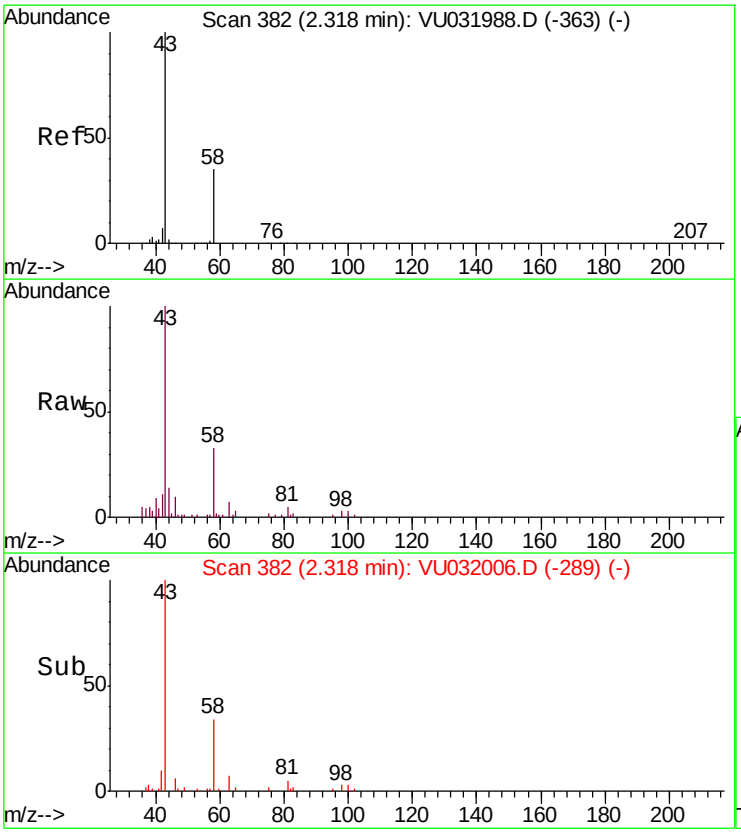
#12
1,1-Dichloroethene
Concen: 0.712 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Instrument : MSVOA_U
ClientSampleId : DB891

Tgt Ion: 96 Resp: 6064

Ion	Ratio	Lower	Upper
96	100		
61	1110.6	120.9	224.5#
63	9424.1	84.4	156.8#

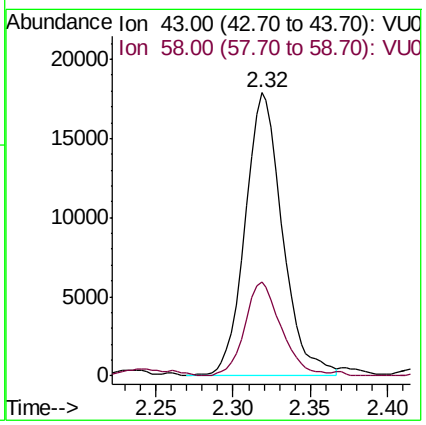


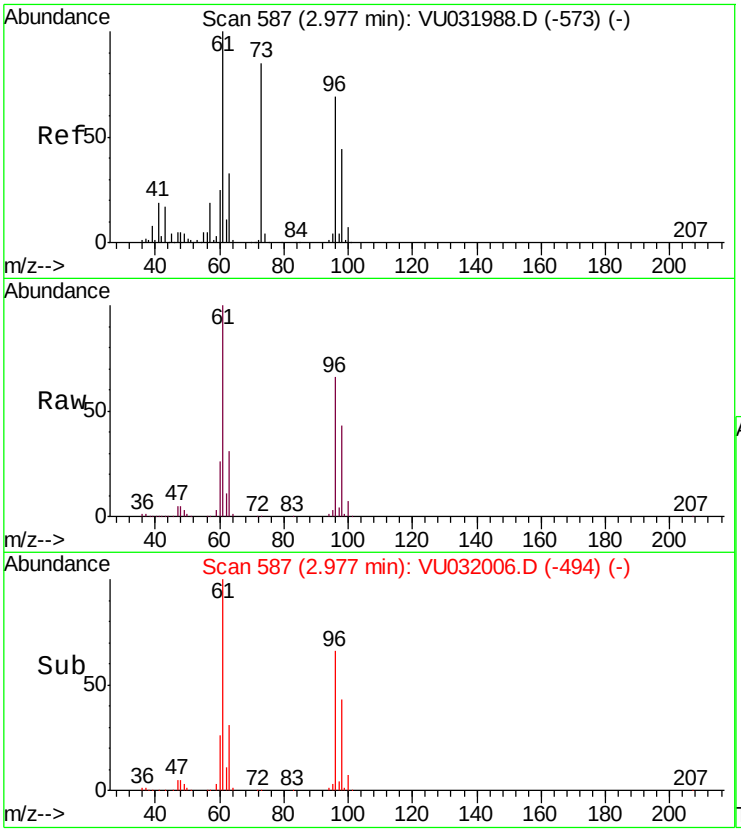


#13
Acetone
Concen: 4.139 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Tgt Ion: 43 Resp: 30141

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	68.2



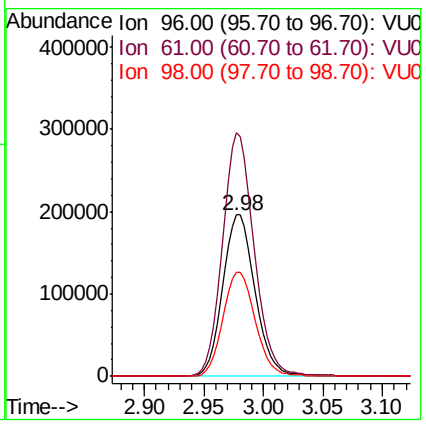


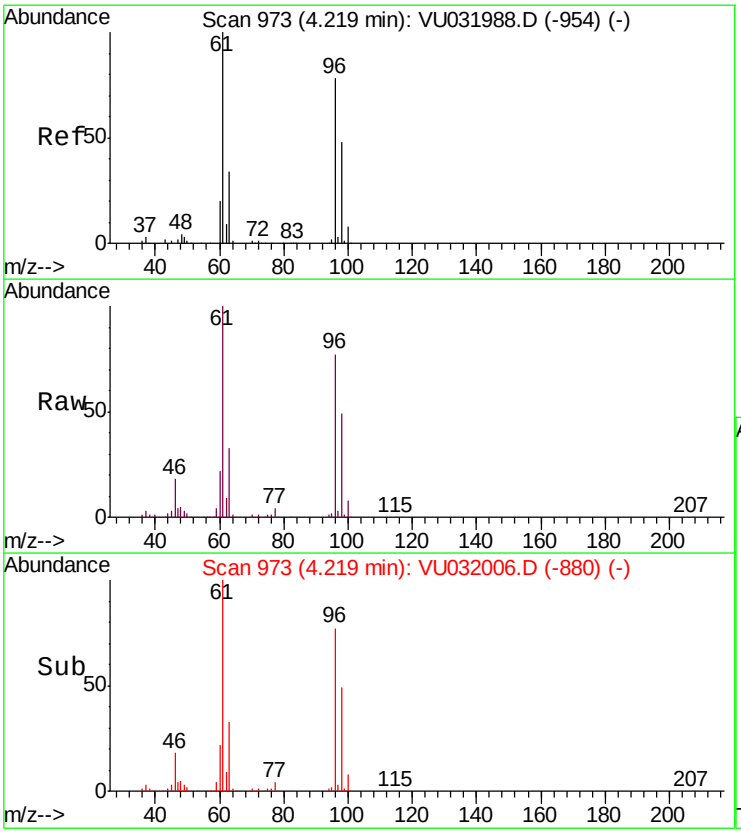
#17
trans-1,2-Dichloroethene
Concen: 41.716 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
DB891

Tgt Ion: 96 Resp: 369464

Ion	Ratio	Lower	Upper
96	100		
61	150.8	103.2	191.6
98	64.6	45.7	84.9

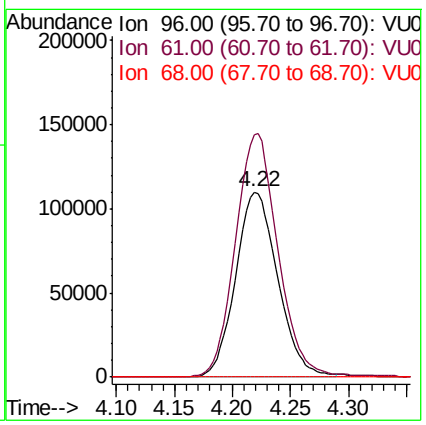


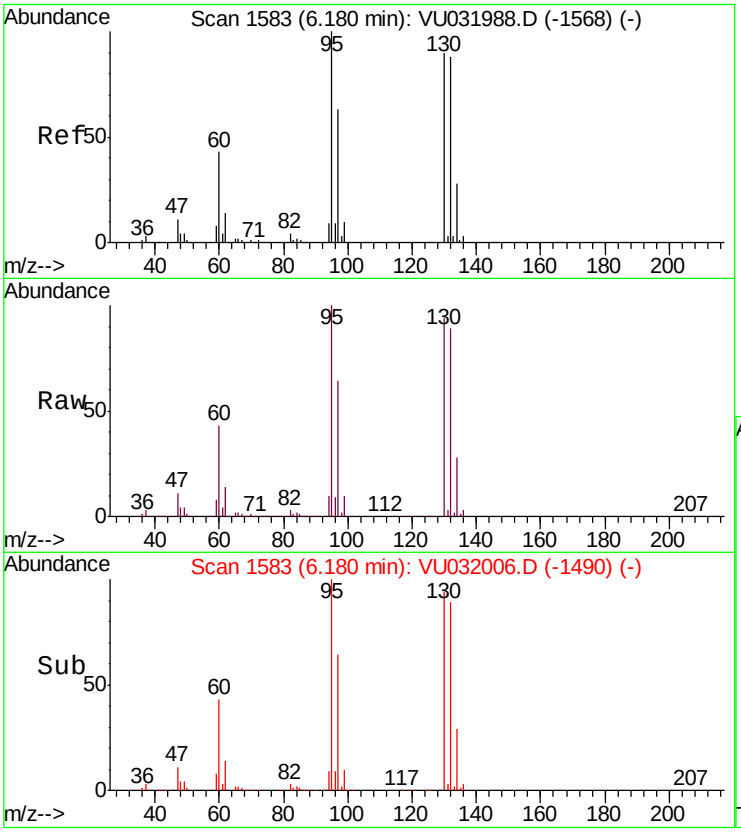


#20
cis-1,2-Dichloroethene
Concen: 28.372 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Tgt Ion: 96 Resp: 277951

Ion	Ratio	Lower	Upper
96	100		
61	130.5	93.0	172.8
68	0.0	0.0	0.0



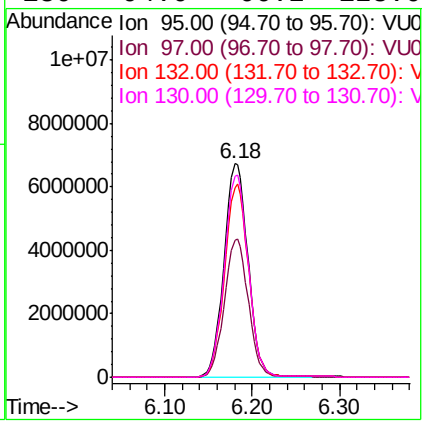


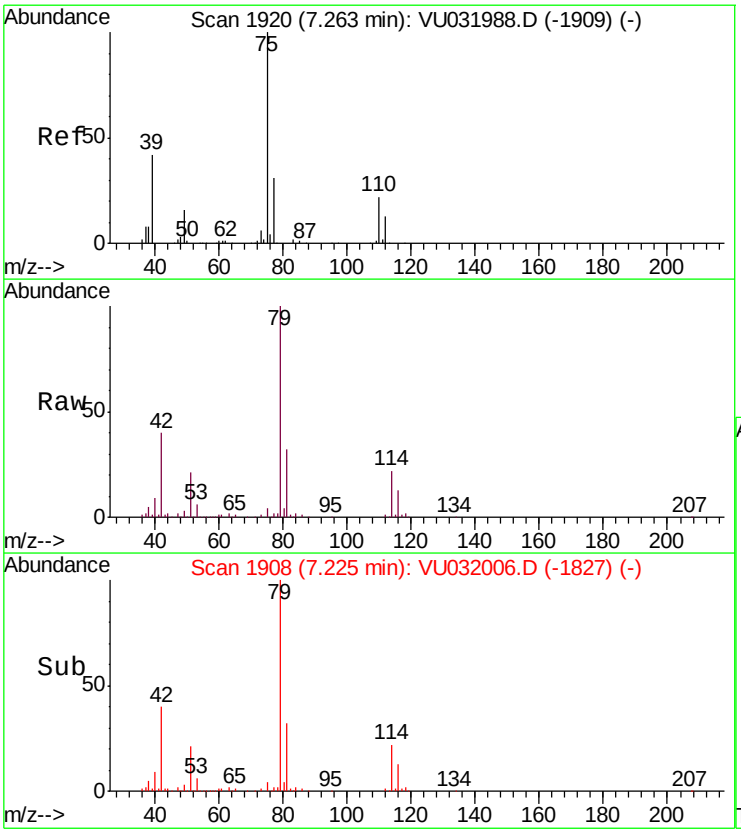
#34
Trichloroethene
Concen: 1362.555 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
DB891

Tgt Ion: 95 Resp:12909536

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.9	83.3
132	88.9	63.5	117.9
130	94.0	66.2	123.0

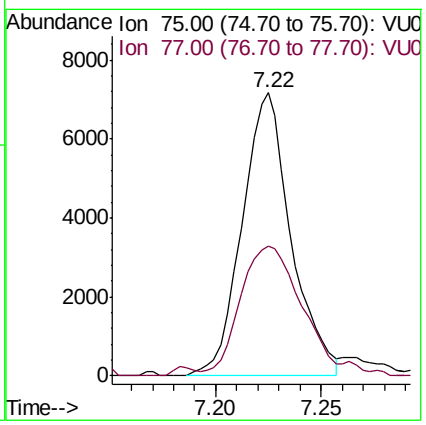


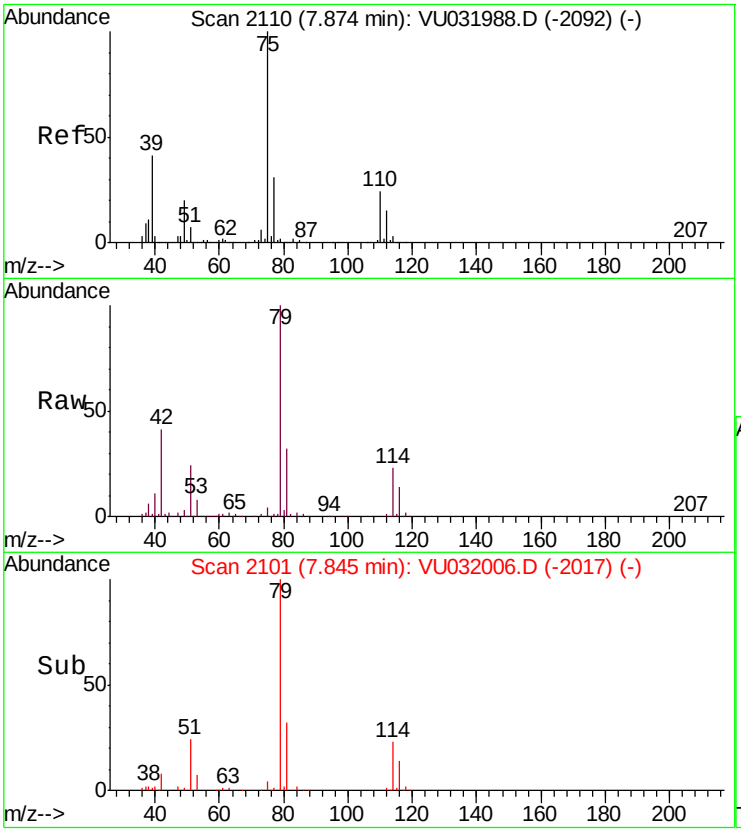


#39
cis-1,3-Dichloropropene
Concen: 0.794 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Tgt Ion: 75 Resp: 11581

Ion	Ratio	Lower	Upper
75	100		
77	45.8	21.8	40.6#



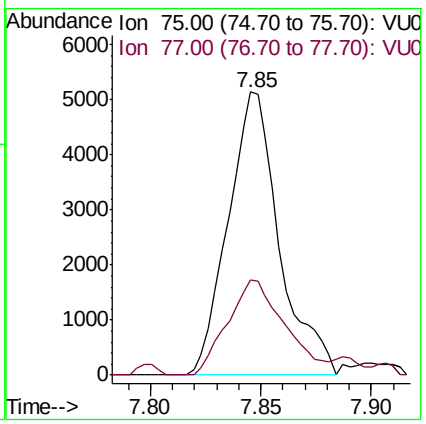


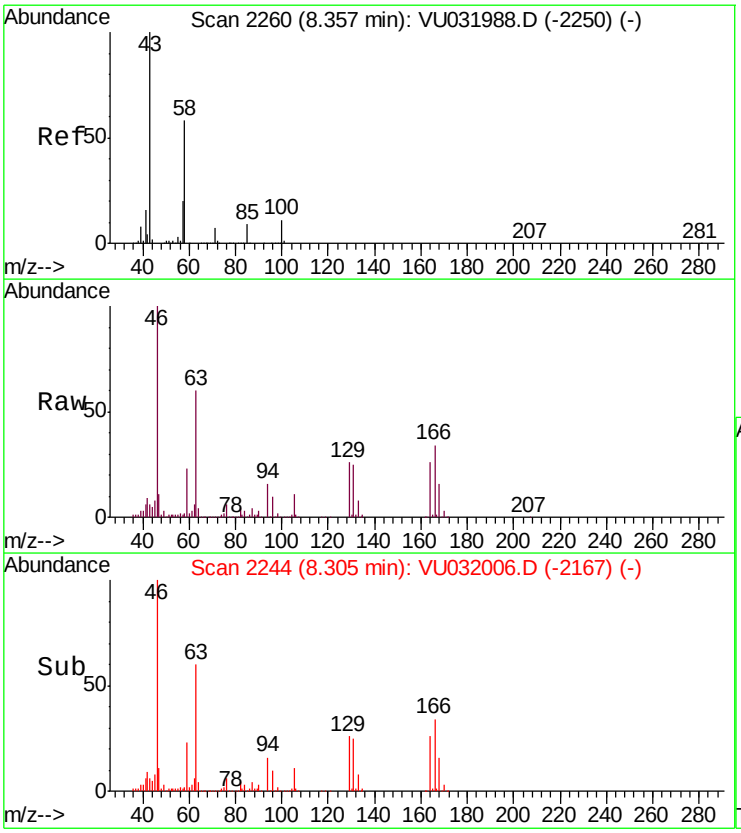
#44
trans-1,3-Dichloropropene
Concen: 0.647 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
DB891

Tgt Ion: 75 Resp: 8284

Ion	Ratio	Lower	Upper
75	100		
77	33.8	22.5	41.7

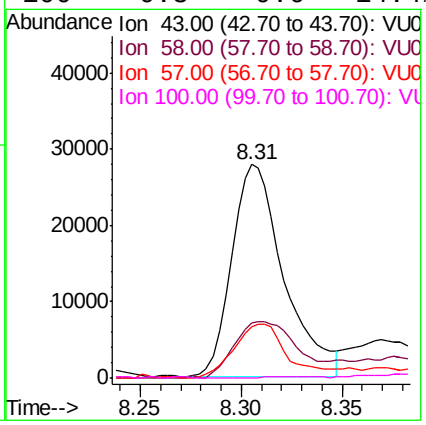


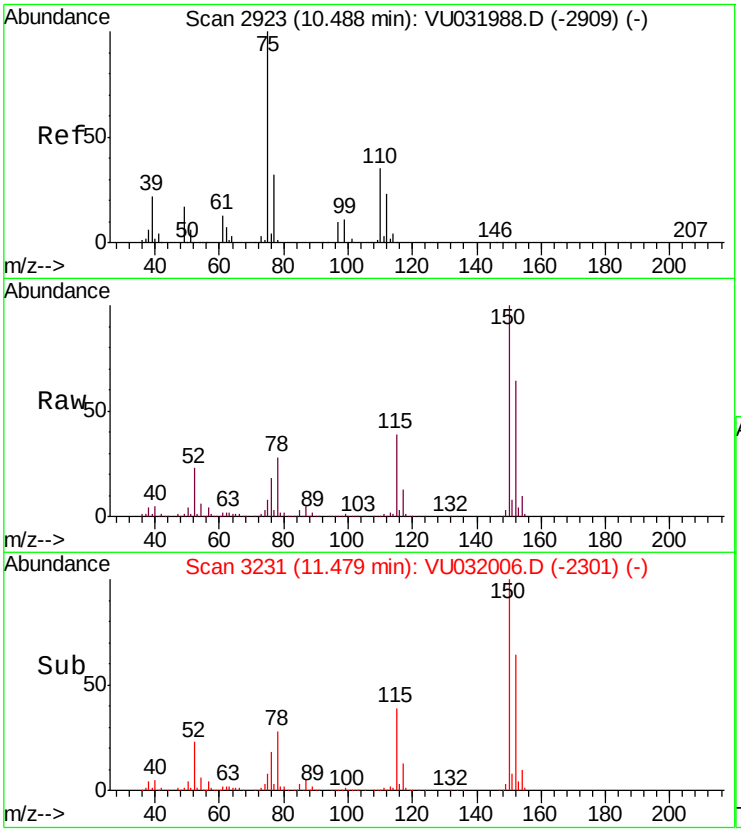


#48
2-Hexanone
Concen: 4.420 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Tgt Ion: 43 Resp: 50015

Ion	Ratio	Lower	Upper
43	100		
58	31.8	47.8	71.6#
57	26.4	16.0	24.0#
100	0.3	9.6	14.4#





#59
1,2,3-Trichloropropane
Concen: 4.589 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032006.D
Acq: 14 May 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
DB891

Tgt Ion: 75 Resp: 61505

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.7	38.5