Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\

Quantitation Report (Not Reviewed)

Data File : VU032996.D
Acq On : 24 Jun 2019 10:55
Operator : JC/SP
Sample : K3478-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF23

Quant Time: Jun 25 05:26:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204104	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95402	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	40112	28.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 57.52%#			
7) Chloroethane-d5	1.68	69	39204	35.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.48%			
11) 1,1-Dichloroethene-d2	2.27	63	68888	24.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 49.02%#			
21) 2-Butanone-d5	4.17	46	125591	108.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.18%			
24) Chloroform-d	4.64	84	114535	42.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.48%			
26) 1,2-Dichloroethane-d4	5.30	65	83278	46.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.20%			
32) Benzene-d6	5.33	84	209765	40.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.78%			
36) 1,2-Dichloropropane-d6	6.32	67	72769	43.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.98%			
41) Toluene-d8	7.56	98	184700	37.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.96%#			
43) trans-1,3-Dichloropropene-	7.85	79	36483	42.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.78%			
47) 2-Hexanone-d5	8.31	63	75786	98.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.11%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118863	46.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.96%			
64) 1,2-Dichlorobenzene-d4	11.85	152	82643	44.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.54%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	53379	28.800	ug/L #	52
12) 1,1-Dichloroethene	2.28	96	1901	1.479	ug/L #	1
13) Acetone	2.32	43	2091	1.304	ug/L	77
17) trans-1,2-Dichloroethene	2.98	96	2285	1.639	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	407900	268.637	ug/L	95
34) Trichloroethene	6.18	95	40480	26.399	ug/L	98
35) Methylcyclohexane	6.32	83	16740	7.063	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9086	5.772	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2620	1.068	ug/L #	73
44) trans-1,3-Dichloropropene	7.84	75	1811	0.786	ug/L	88
48) 2-Hexanone	8.36	43	2536	1.144	ug/L #	50
59) 1,2,3-Trichloropropane	11.48	75	12352	5.879	ug/L	91

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

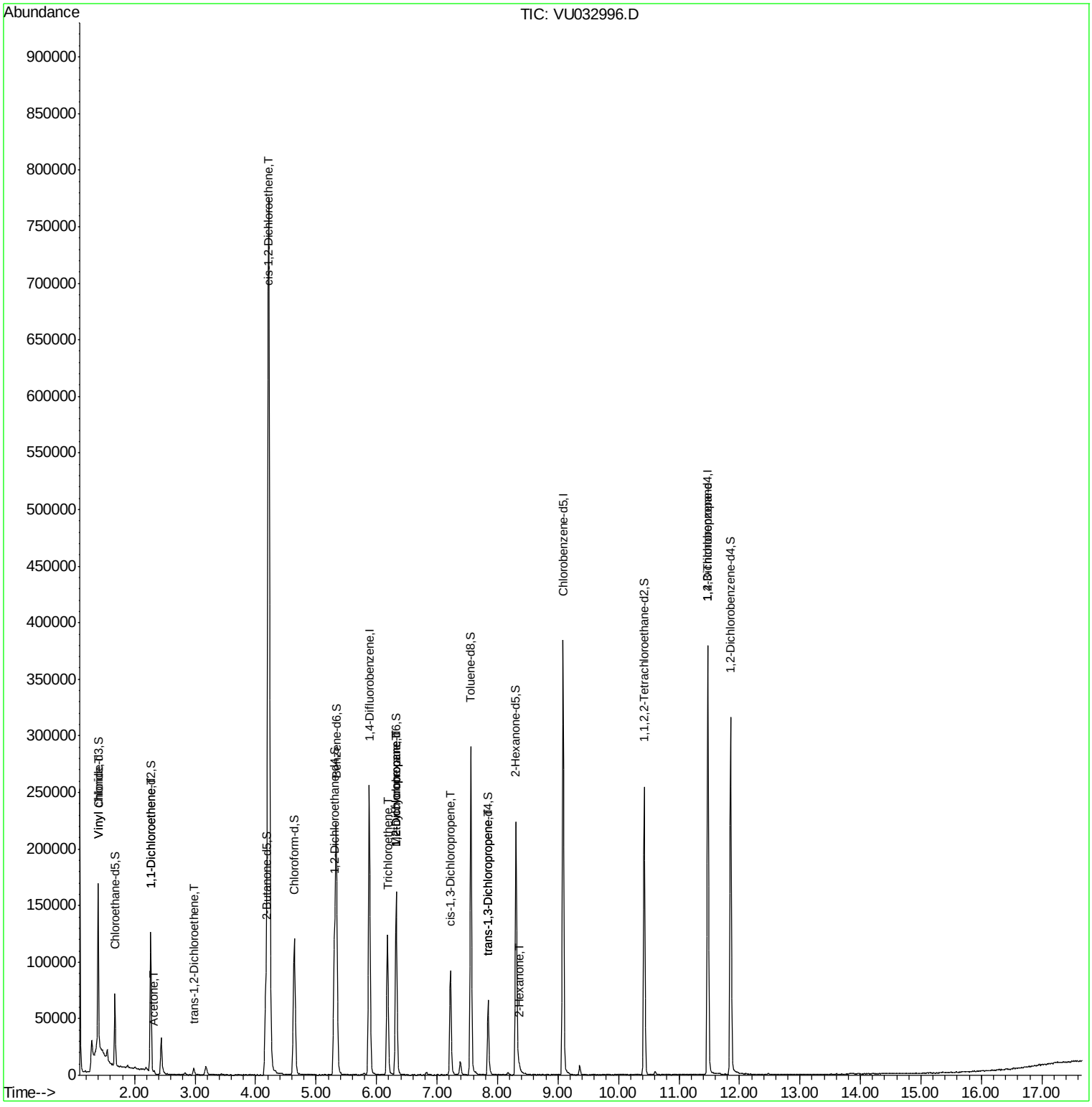
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\

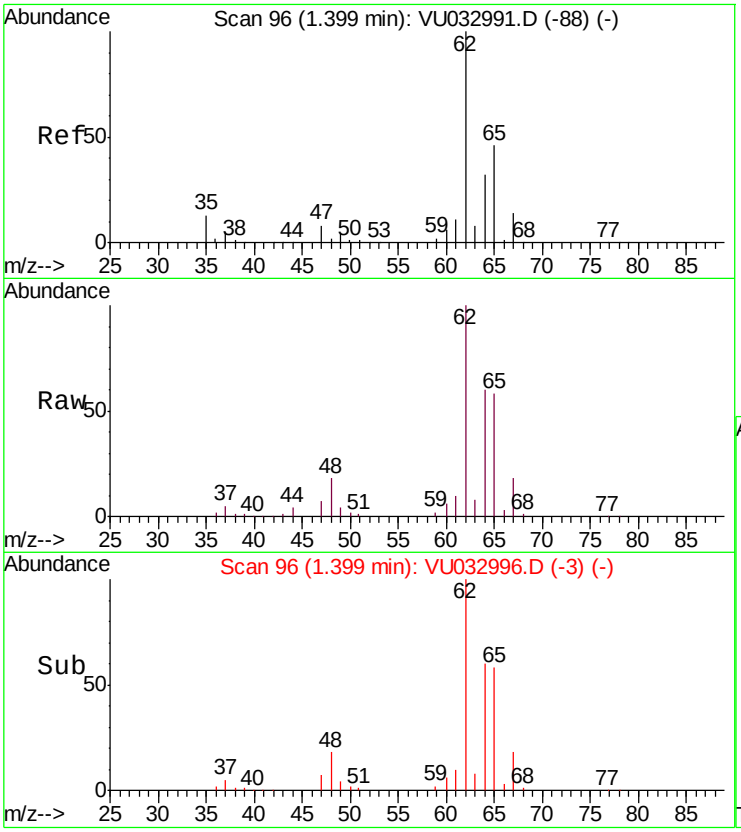
Quantitation Report (Not Reviewed)

Data File : VU032996.D
Acq On : 24 Jun 2019 10:55
Operator : JC/SP
Sample : K3478-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF23

Quant Time: Jun 25 05:26:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration



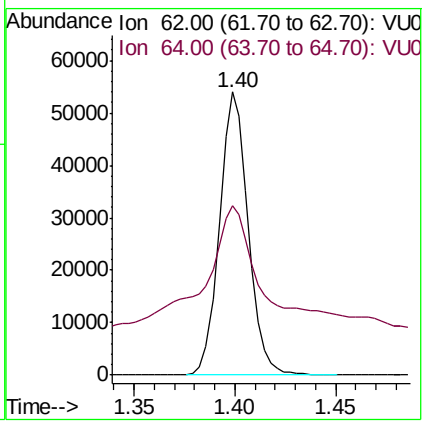


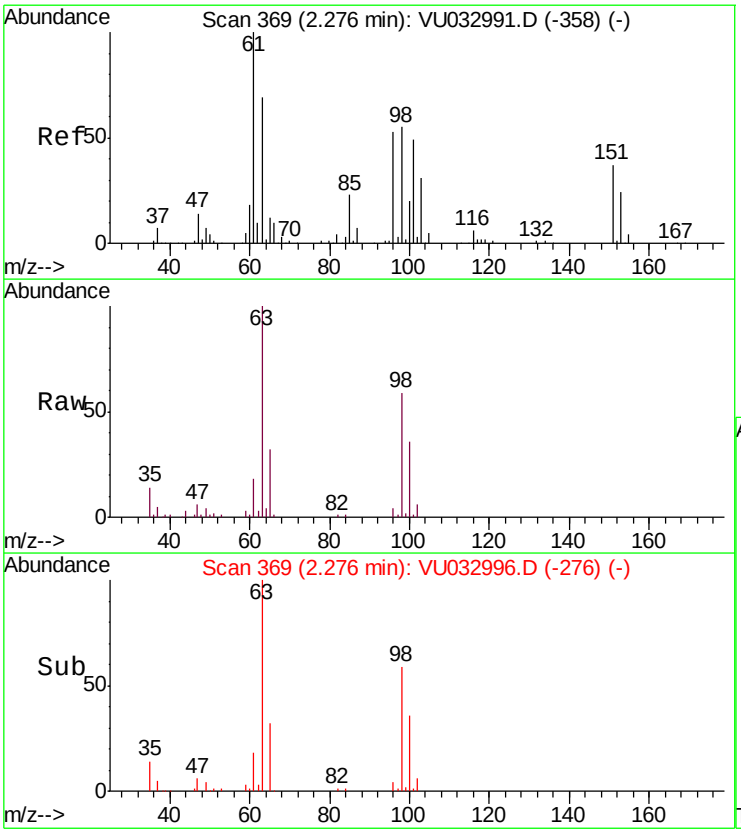
#5
Vinyl chloride
Concen: 28.800 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Instrument :
MSVOA_U
ClientSampleId :
ETF23

Tgt Ion: 62 Resp: 53379

Ion	Ratio	Lower	Upper
62	100		
64	60.1	23.0	42.6#

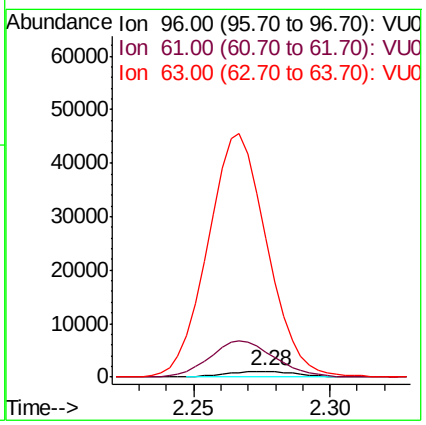


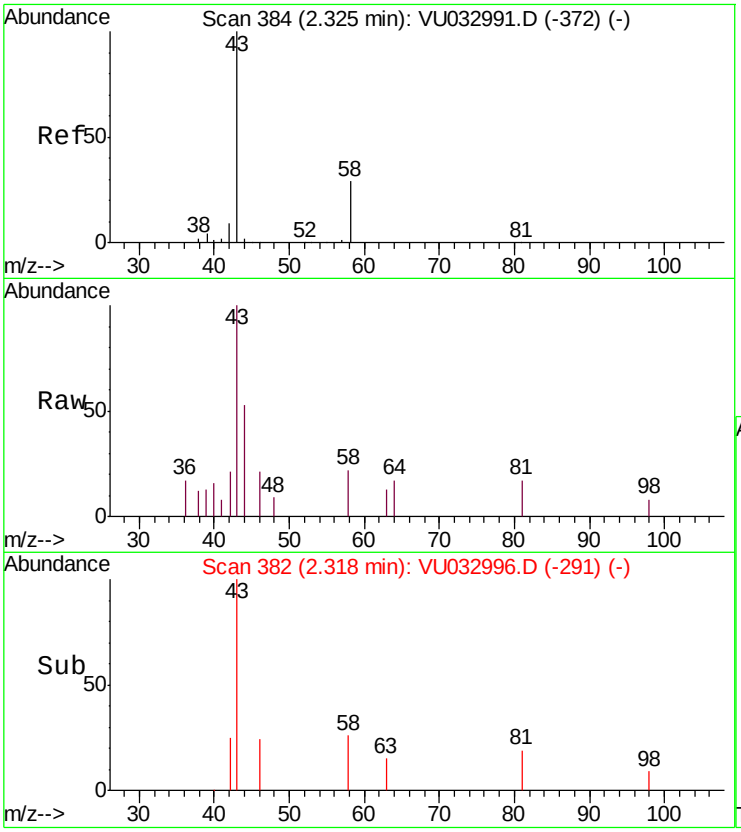


#12
1,1-Dichloroethene
Concen: 1.479 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Tgt Ion: 96 Resp: 1901

Ion	Ratio	Lower	Upper
96	100		
61	439.9	131.0	243.4#
63	2415.0	101.0	187.6#



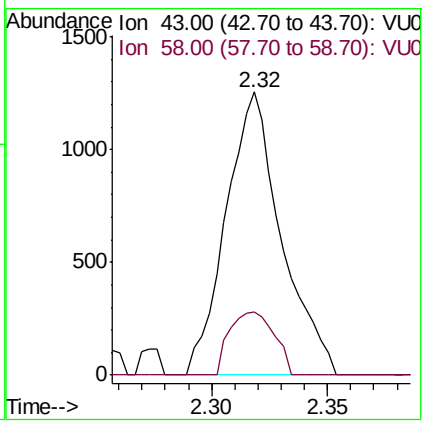


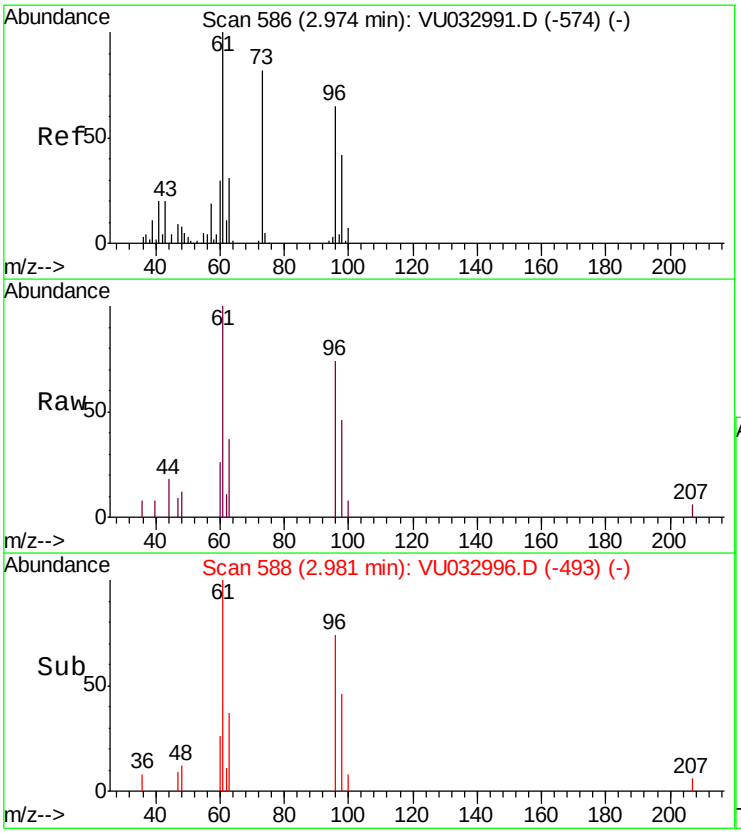
#13
Acetone
Concen: 1.304 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Instrument : MSVOA_U
ClientSampleId : ETF23

Tgt Ion: 43 Resp: 2091

Ion	Ratio	Lower	Upper
43	100		
58	17.9	0.0	60.6

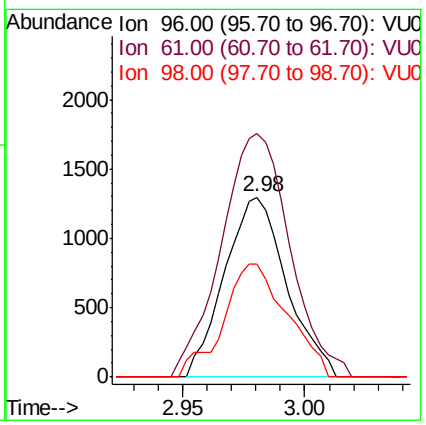


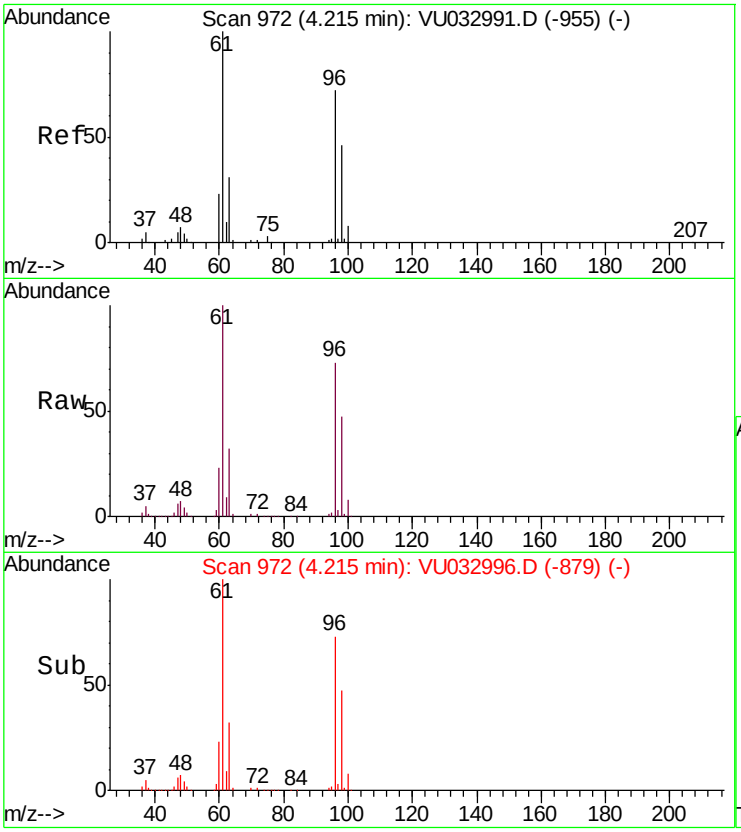


#17
trans-1,2-Dichloroethene
Concen: 1.639 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.01 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Tgt Ion: 96 Resp: 2285

Ion	Ratio	Lower	Upper
96	100		
61	135.5	100.9	187.5
98	62.6	44.0	81.8



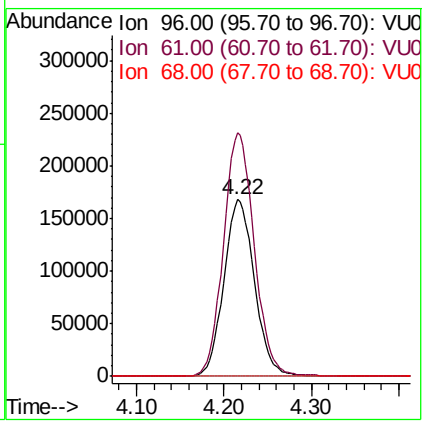


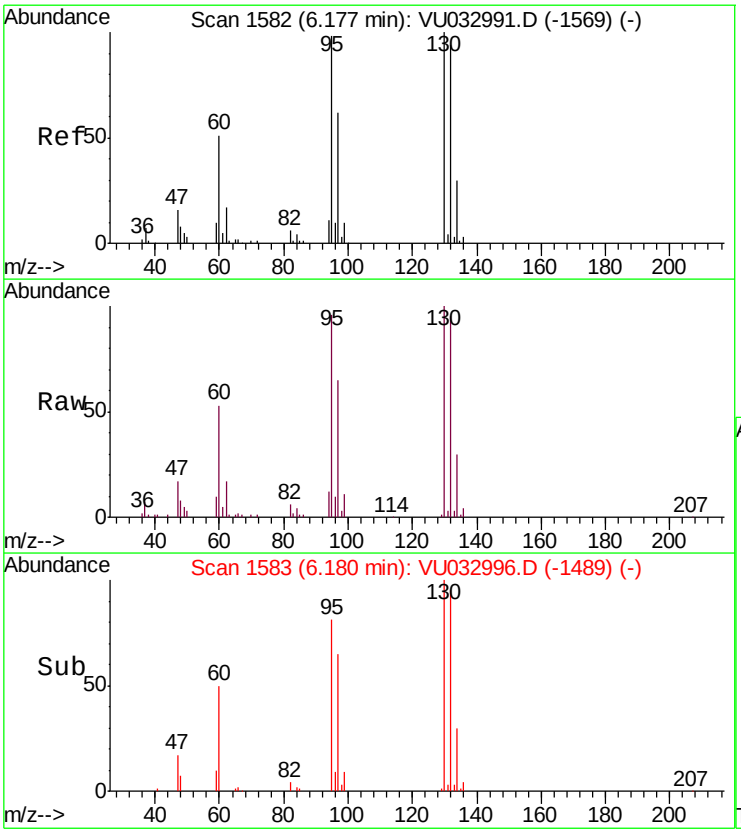
#20
cis-1,2-Dichloroethene
Concen: 268.637 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Instrument :
MSVOA_U
ClientSampleId :
ETF23

Tgt Ion: 96 Resp: 407900

Ion	Ratio	Lower	Upper
96	100		
61	137.9	92.4	171.6
68	0.0	0.0	0.0

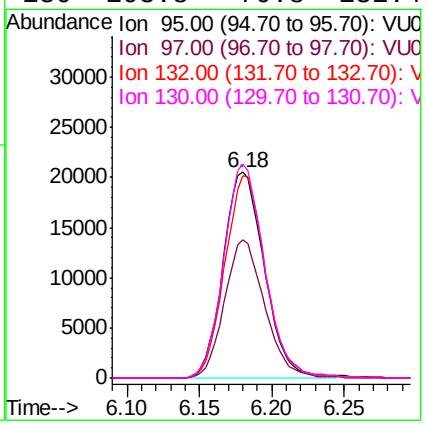


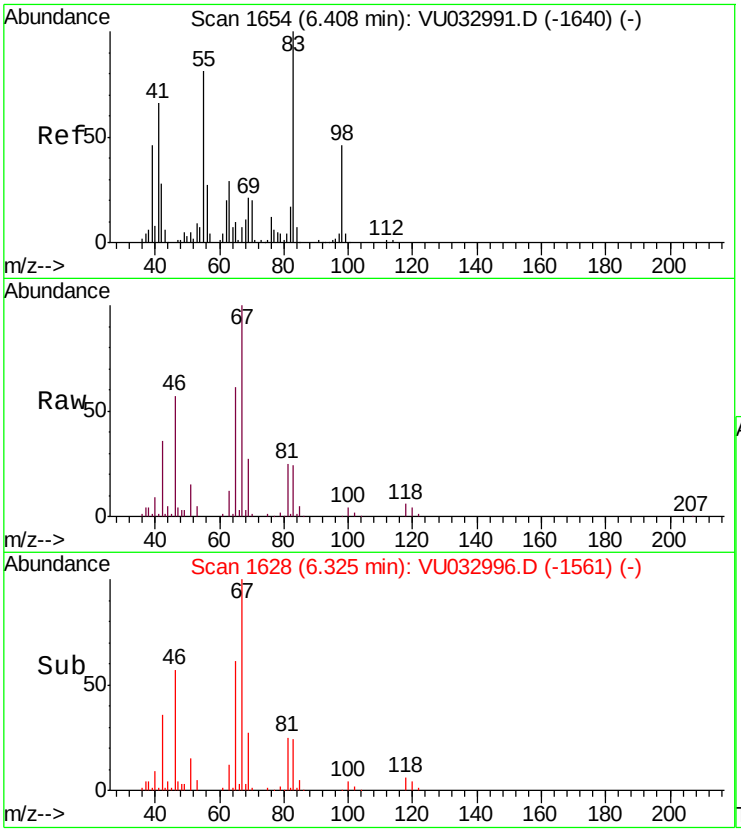


#34
Trichloroethene
Concen: 26.399 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Tgt Ion: 95 Resp: 40480

Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.9	85.3
132	98.2	68.5	127.3
130	103.8	70.8	131.4



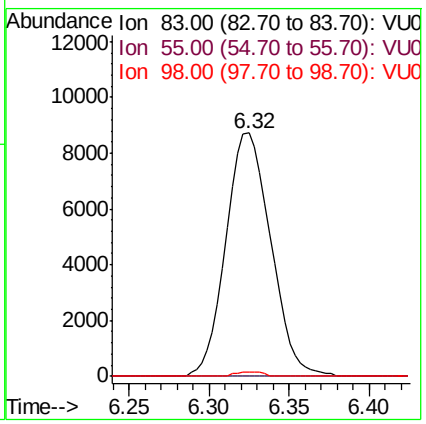


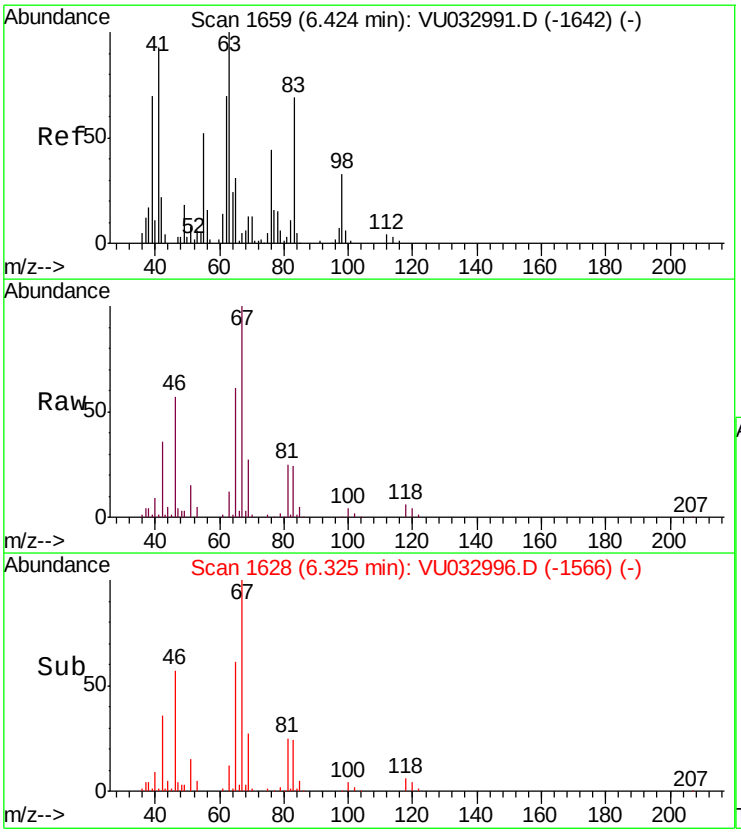
#35
Methylcyclohexane
Concen: 7.063 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Instrument : MSVOA_U
ClientSampleId : ETF23

Tgt Ion: 83 Resp: 16740

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.1	37.4	56.0#

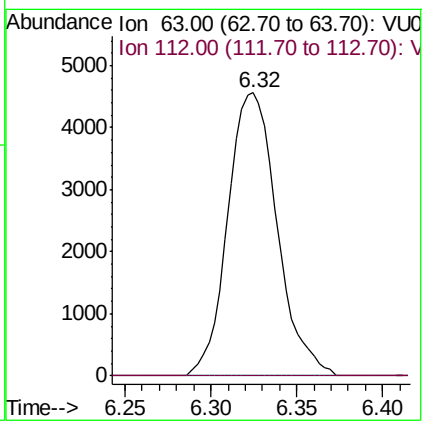


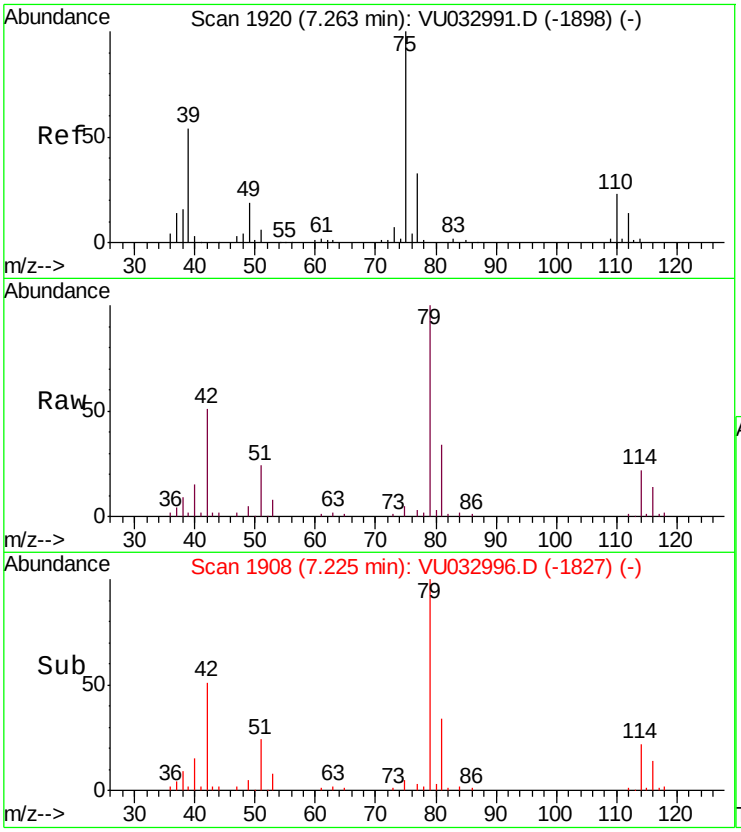


#37
1,2-Dichloropropane
Concen: 5.772 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Tgt Ion: 63 Resp: 9086

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



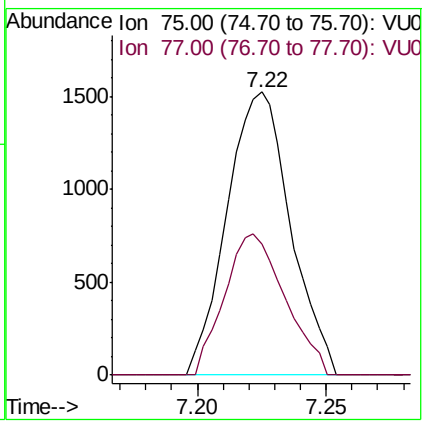


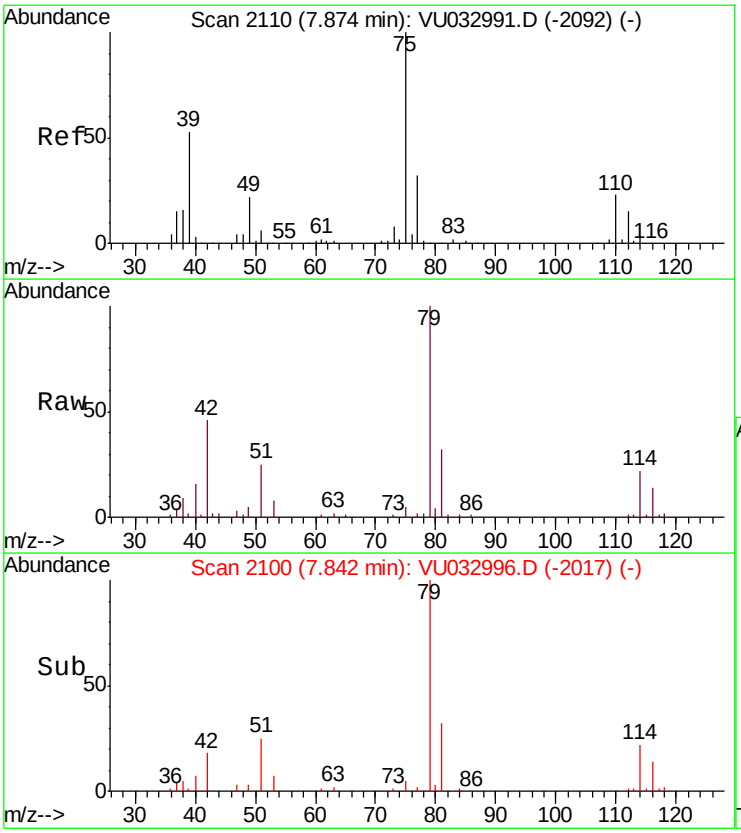
#39
cis-1,3-Dichloropropene
Concen: 1.068 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Instrument :
MSVOA_U
ClientSampleId :
ETF23

Tgt Ion: 75 Resp: 2620

Ion	Ratio	Lower	Upper
75	100		
77	46.2	21.9	40.7#

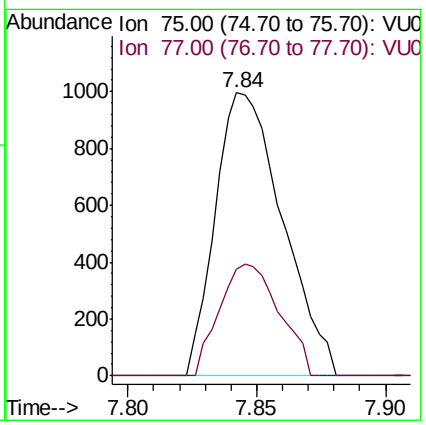


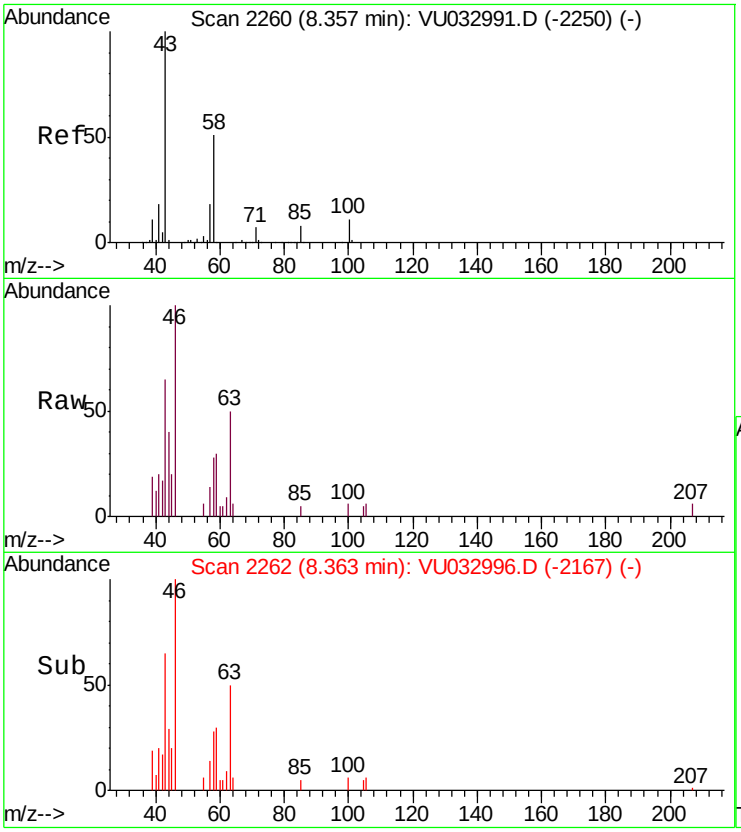


#44
trans-1,3-Dichloropropene
Concen: 0.786 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Tgt Ion: 75 Resp: 1811

Ion	Ratio	Lower	Upper
75	100		
77	37.8	21.8	40.4



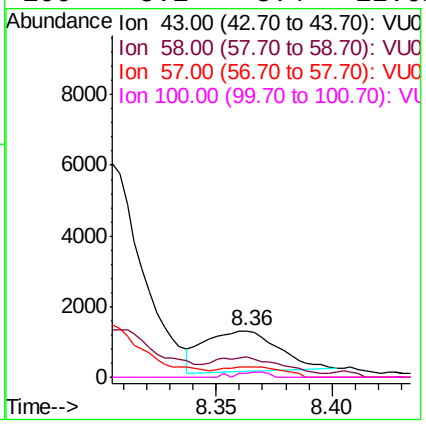


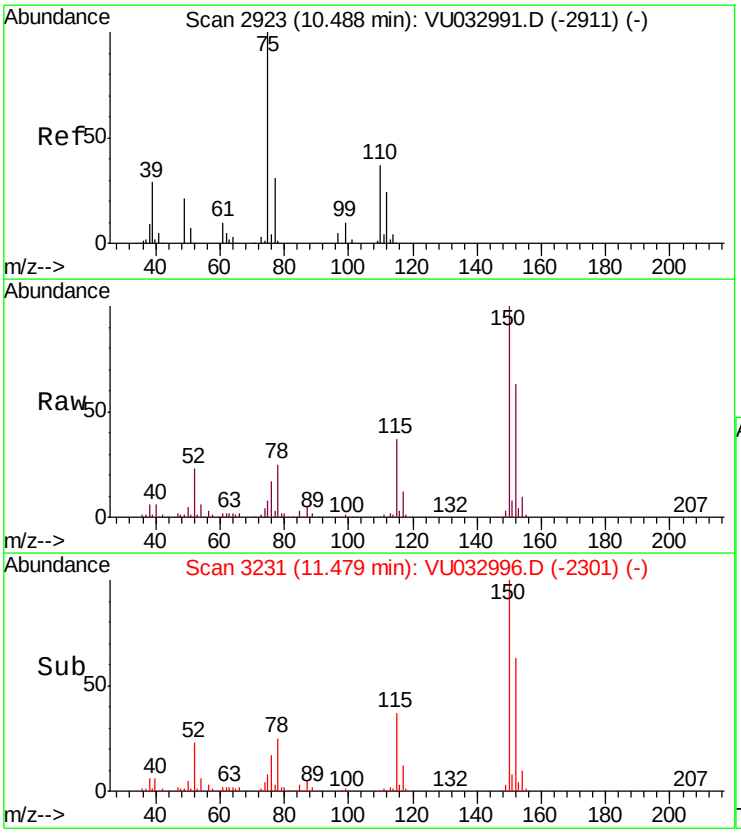
#48
2-Hexanone
Concen: 1.144 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Instrument :
MSVOA_U
ClientSampleId :
ETF23

Tgt Ion: 43 Resp: 2536

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.2	60.2#
57	20.7	14.2	21.4
100	5.1	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.879 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032996.D
Acq: 24 Jun 2019 10:55

Tgt Ion: 75 Resp: 12352

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.5	38.3