Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032986.D
Acq On : 22 Jun 2019 08:06
Operator : JC/SP
Sample : K3478-08MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF22MSD

Quant Time: Jun 24 02:05:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191560	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	185461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88741	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	51497	39.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.68%			
7) Chloroethane-d5	1.68	69	47131	45.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.28%			
11) 1,1-Dichloroethene-d2	2.26	63	82687	31.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.70%			
21) 2-Butanone-d5	4.17	46	122622	112.53	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.53%			
24) Chloroform-d	4.64	84	120562	47.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.74%			
26) 1,2-Dichloroethane-d4	5.30	65	87839	51.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.62%			
32) Benzene-d6	5.33	84	230280	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.26%			
36) 1,2-Dichloropropane-d6	6.32	67	76054	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.76%			
41) Toluene-d8	7.56	98	202667	44.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.52%			
43) trans-1,3-Dichloropropene-	7.85	79	34324	42.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.68%			
47) 2-Hexanone-d5	8.31	63	70358	97.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.84%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	117966	49.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.10%			
64) 1,2-Dichlorobenzene-d4	11.85	152	85432	49.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.50%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	3194	1.836	ug/L #	74
8) Chloroethane	1.40	64	1682	1.680	ug/L #	33
12) 1,1-Dichloroethene	2.27	96	912	0.756	ug/L #	1
13) Acetone	2.32	43	1023	0.680	ug/L	80
17) trans-1,2-Dichloroethene	2.98	96	3661	2.799	ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	100938	70.830	ug/L	96
34) Trichloroethene	6.18	95	20685	14.491	ug/L	99
37) 1,2-Dichloropropane	6.32	63	9305	6.349	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2301	1.008	ug/L #	67
44) trans-1,3-Dichloropropene	7.84	75	1778	0.829	ug/L	96
48) 2-Hexanone	8.36	43	2967	1.437	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	11742	6.004	ug/L #	88

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032986.D
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Operator : JC/SP
Sample : K3478-08MSD
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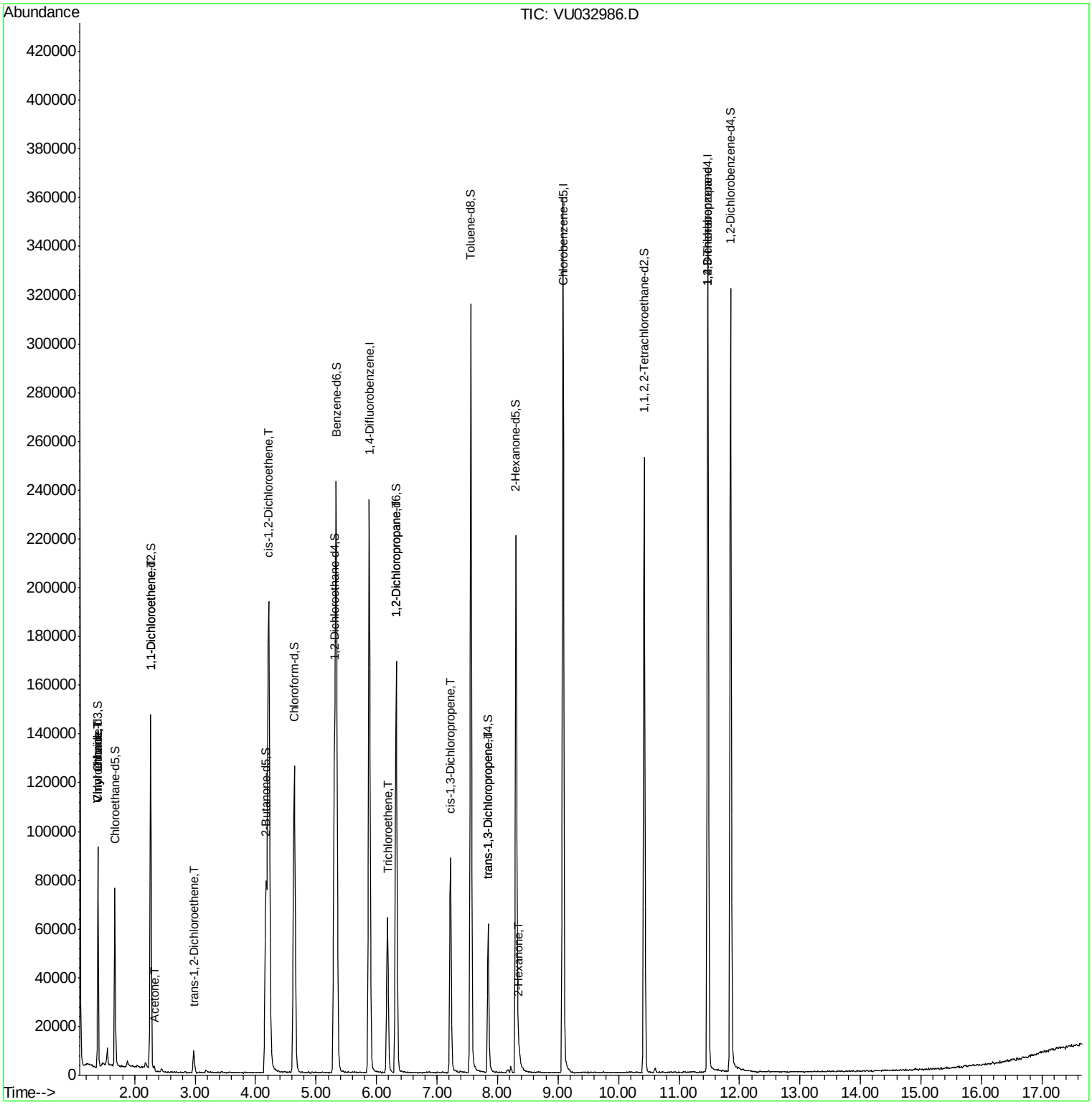
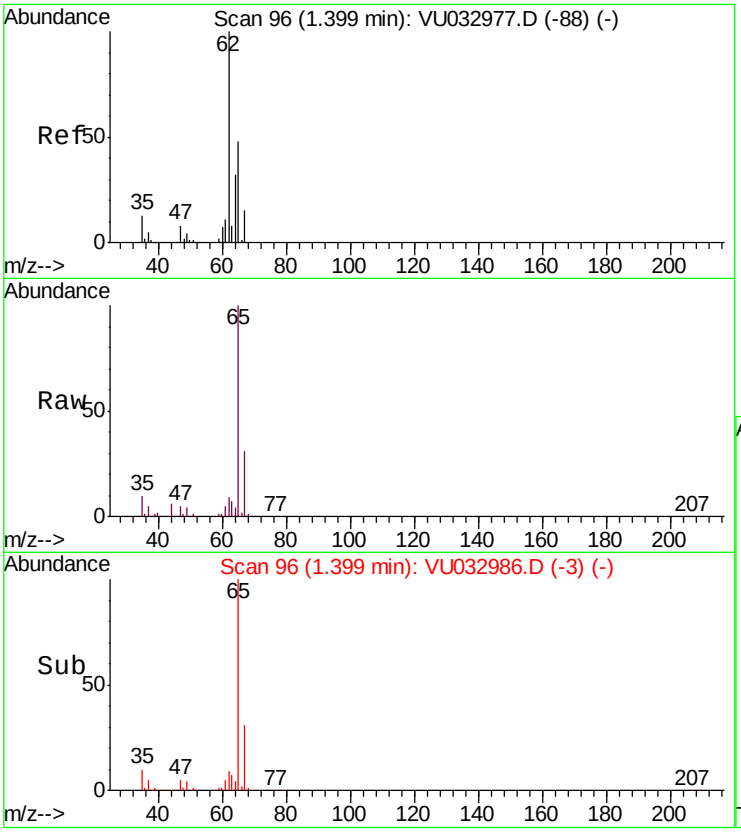
Instrument :
MSVOA_U
ClientSampleId :
ETF22MSD

Quant Time: Jun 24 02:05:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration



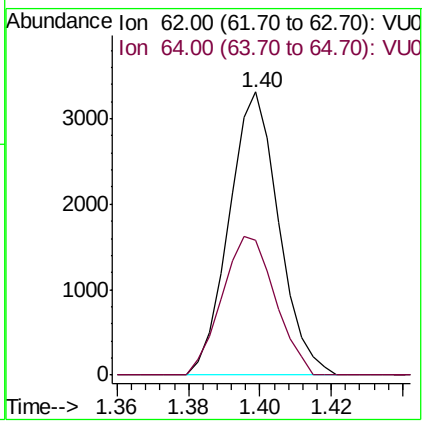


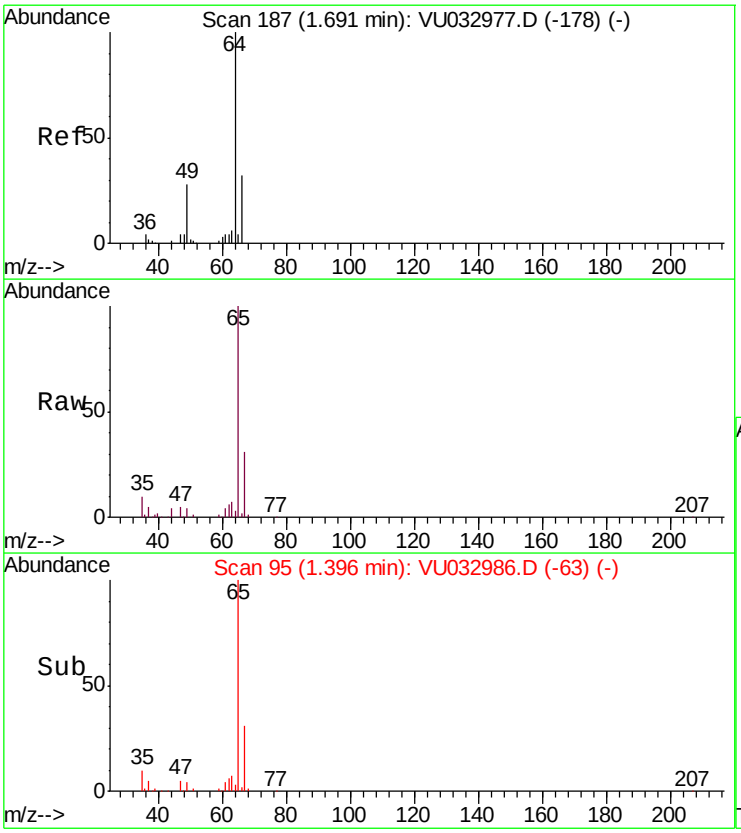
#5
Vinyl chloride
Concen: 1.836 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Instrument : MSVOA_U
ClientSampleId : ETF22MSD

Tgt Ion: 62 Resp: 3194

Ion	Ratio	Lower	Upper
62	100		
64	47.6	23.0	42.6#

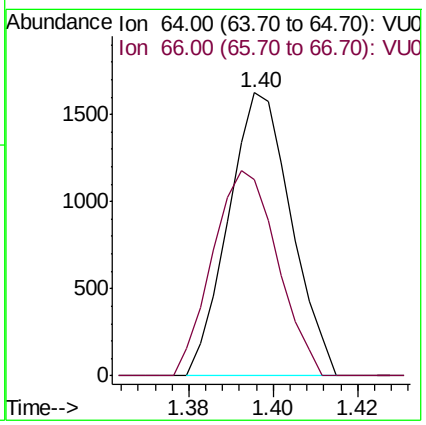


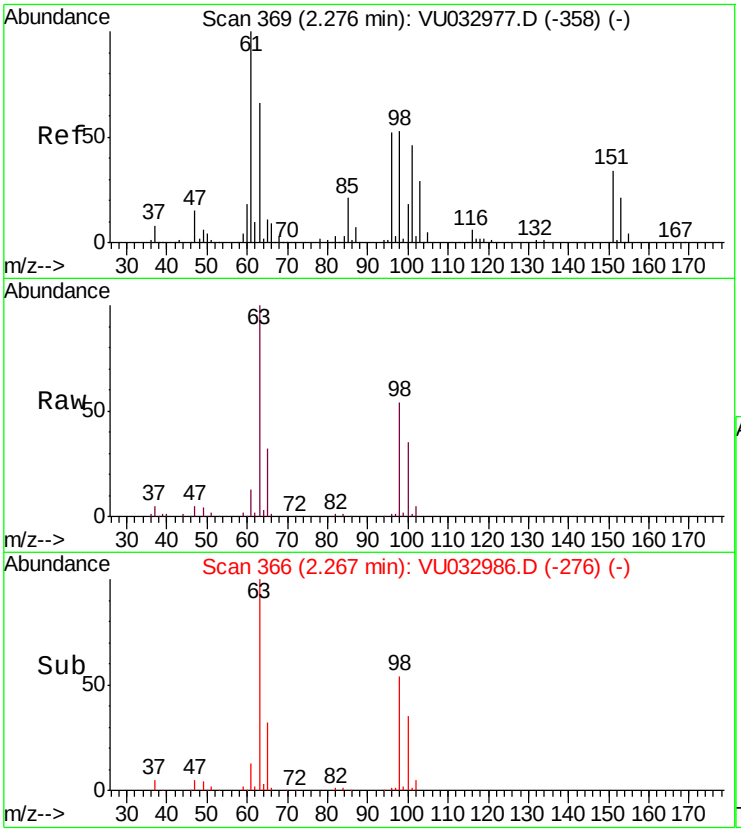


#8
Chloroethane
Concen: 1.680 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Tgt Ion: 64 Resp: 1682

Ion	Ratio	Lower	Upper
64	100		
66	69.3	22.5	41.7#



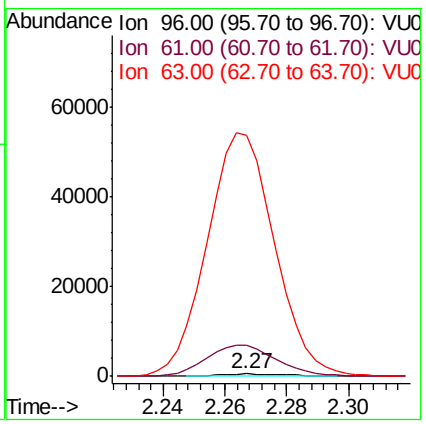


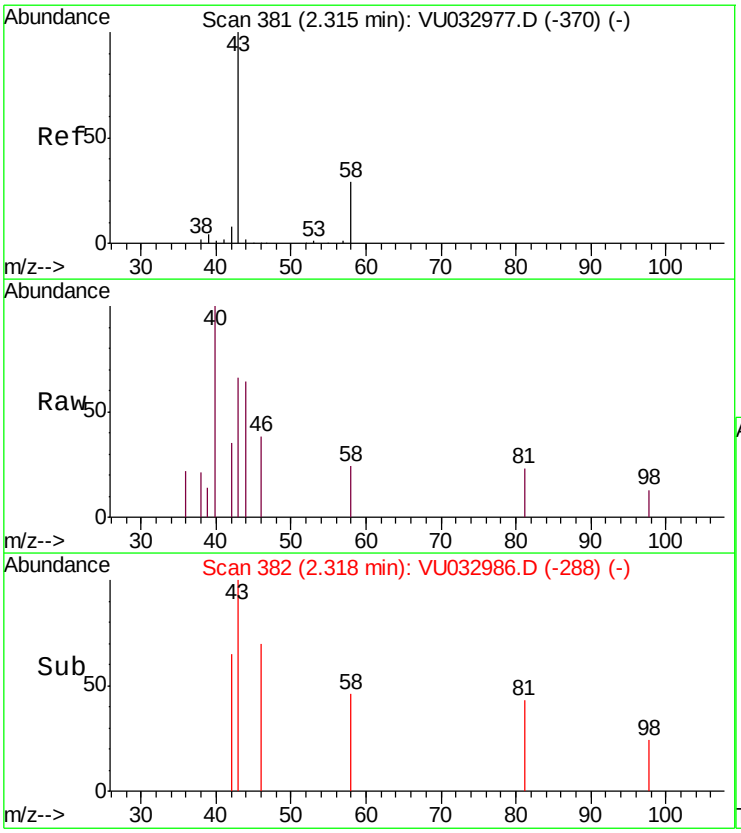
#12
1,1-Dichloroethene
Concen: 0.756 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Instrument :
MSVOA_U
ClientSampleId :
ETF22MSD

Tgt Ion: 96 Resp: 912

Ion	Ratio	Lower	Upper
96	100		
61	1314.9	131.0	243.4#
63	10270.2	101.0	187.6#

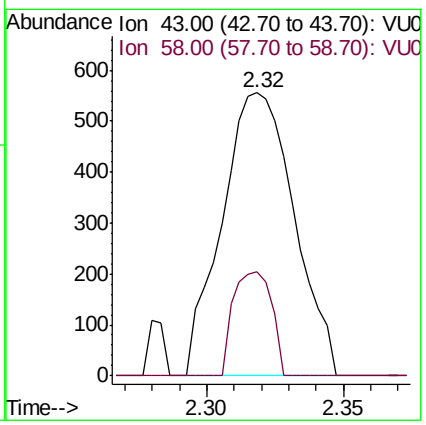


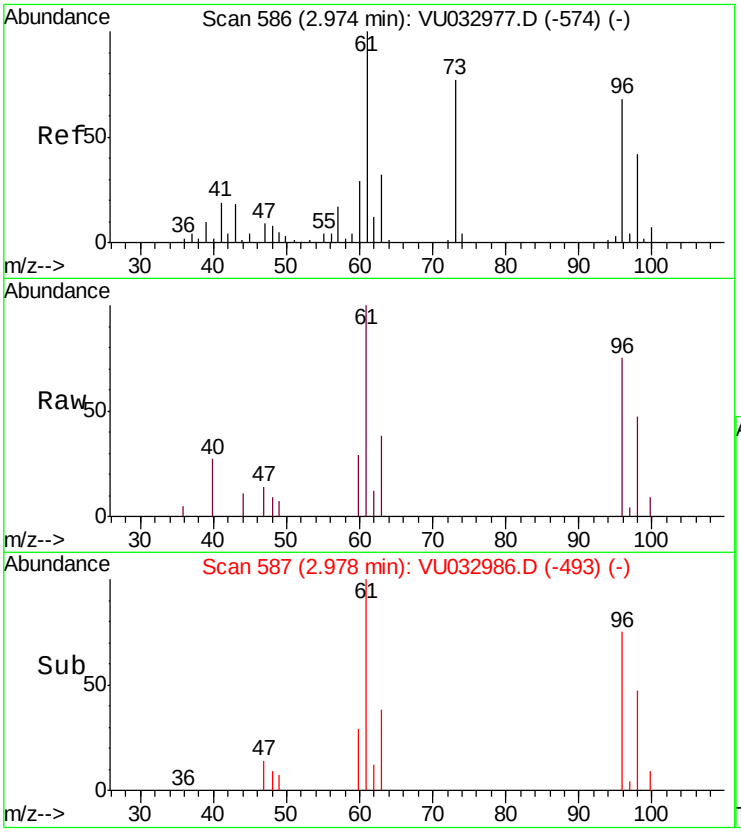


#13
Acetone
Concen: 0.680 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Tgt Ion: 43 Resp: 1023

Ion	Ratio	Lower	Upper
43	100		
58	19.5	0.0	60.6



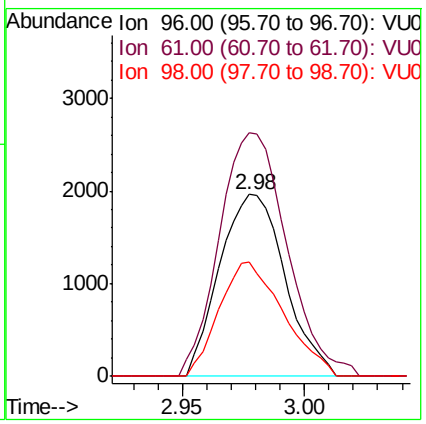


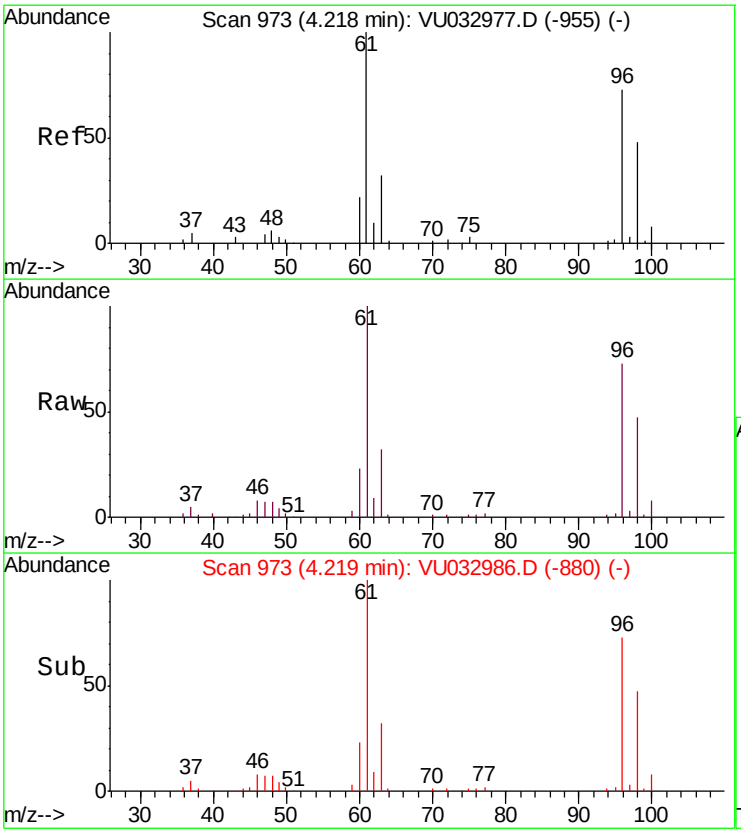
#17
trans-1,2-Dichloroethene
Concen: 2.799 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Instrument :
MSVOA_U
ClientSampleId :
ETF22MSD

Tgt Ion: 96 Resp: 3661

Ion	Ratio	Lower	Upper
96	100		
61	133.8	100.9	187.5
98	62.9	44.0	81.8

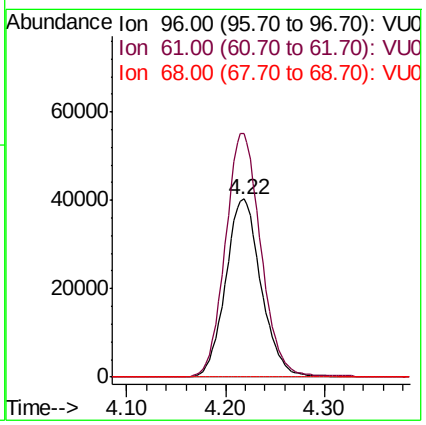


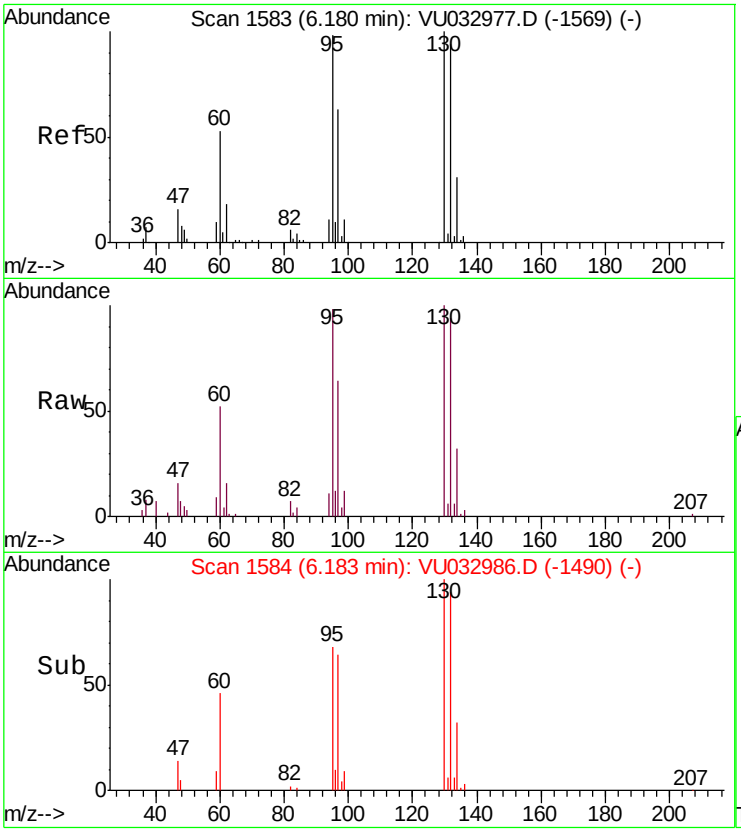


#20
cis-1,2-Dichloroethene
Concen: 70.830 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Tgt Ion: 96 Resp: 100938

Ion	Ratio	Lower	Upper
96	100		
61	136.8	92.4	171.6
68	0.0	0.0	0.0



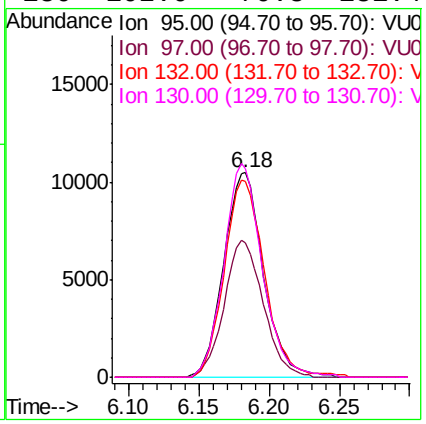


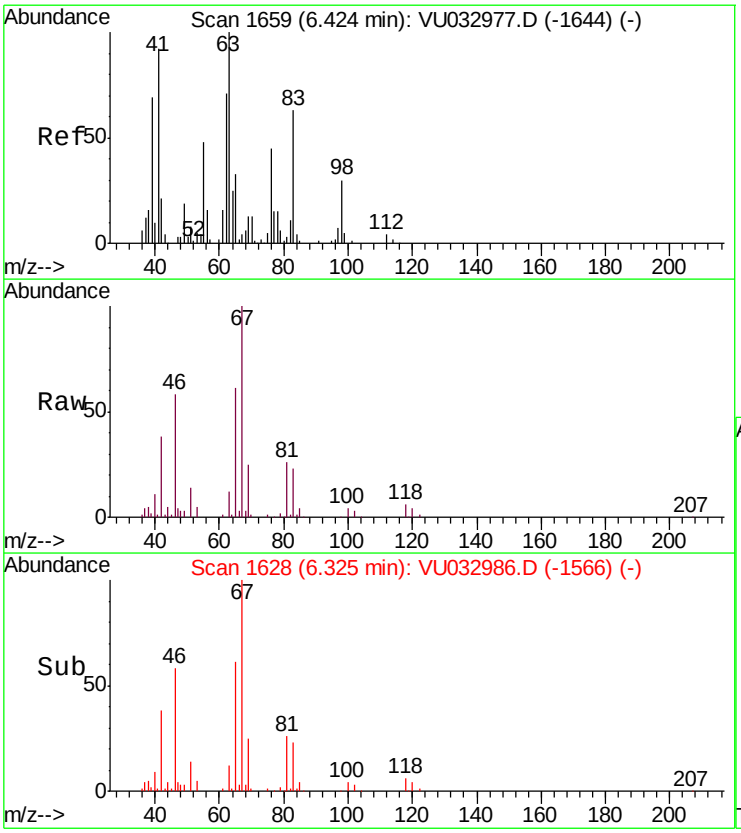
#34
Trichloroethene
Concen: 14.491 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Instrument : MSVOA_U
ClientSampleId : ETF22MSD

Tgt Ion: 95 Resp: 20685

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.9	85.3
132	95.6	68.5	127.3
130	102.0	70.8	131.4

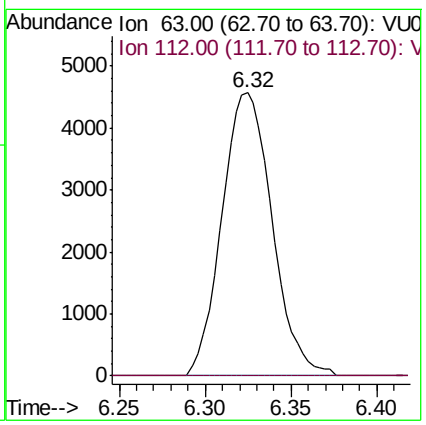


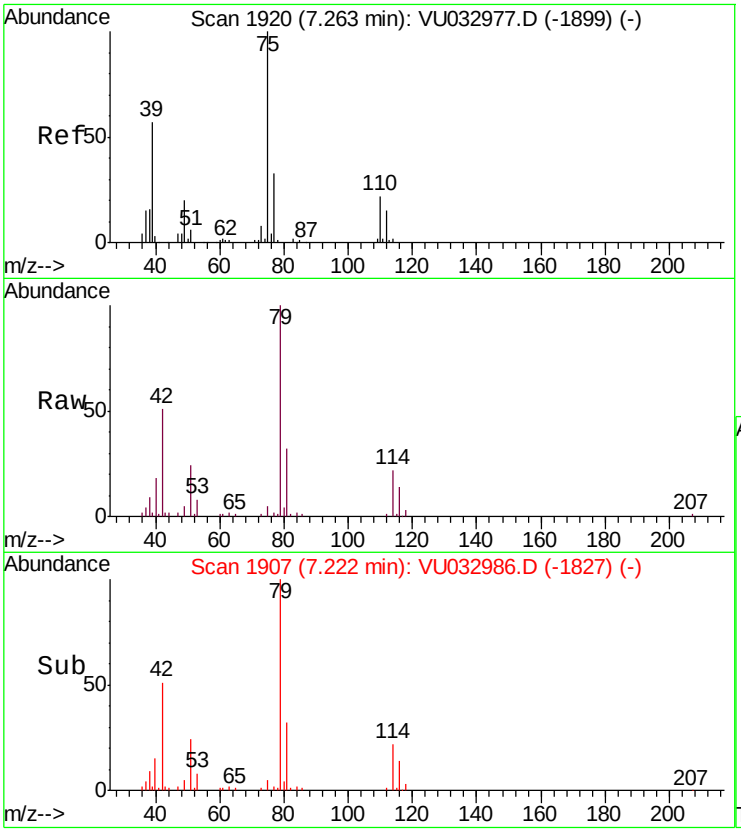


#37
1,2-Dichloropropane
Concen: 6.349 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Tgt Ion: 63 Resp: 9305

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



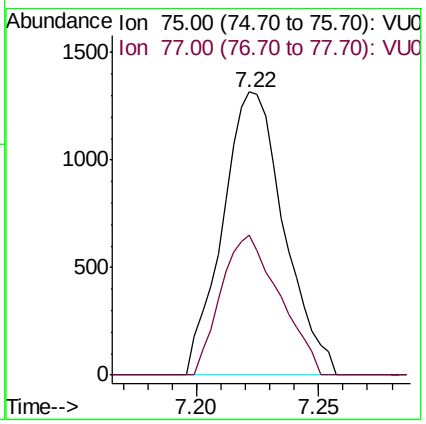


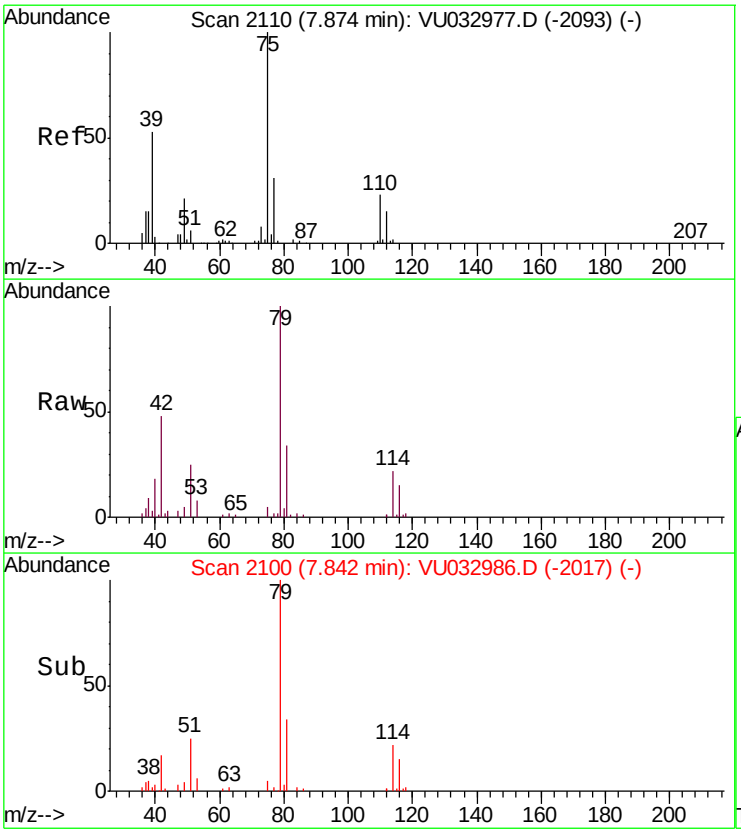
#39
cis-1,3-Dichloropropene
Concen: 1.008 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Instrument :
MSVOA_U
ClientSampleId :
ETF22MSD

Tgt Ion: 75 Resp: 2301

Ion	Ratio	Lower	Upper
75	100		
77	49.4	21.9	40.7#

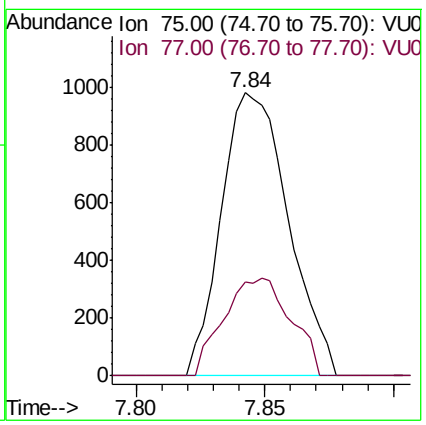


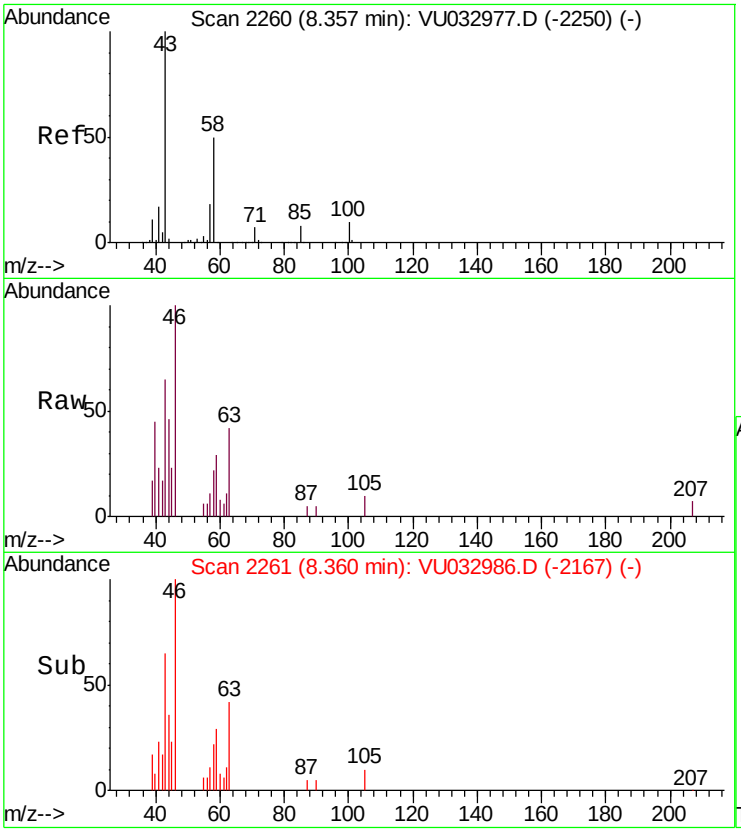


#44
trans-1,3-Dichloropropene
Concen: 0.829 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Tgt Ion: 75 Resp: 1778

Ion	Ratio	Lower	Upper
75	100		
77	33.4	21.8	40.4



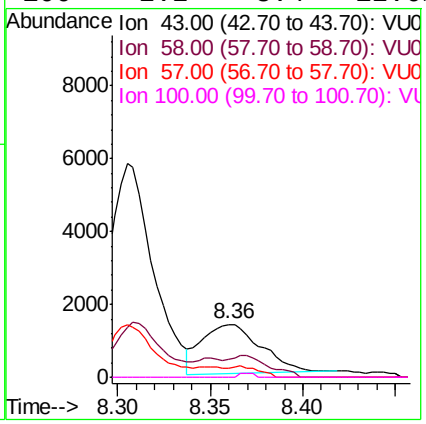


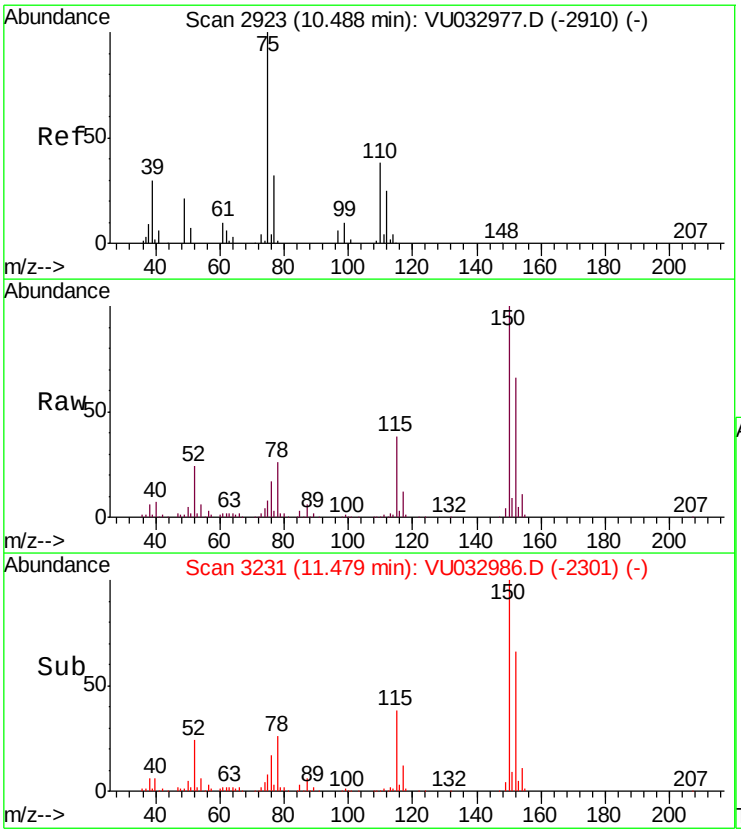
#48
2-Hexanone
Concen: 1.437 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Instrument : MSVOA_U
ClientSampleId : ETF22MSD

Tgt Ion: 43 Resp: 2967

Ion	Ratio	Lower	Upper
43	100		
58	26.5	40.2	60.2#
57	11.7	14.2	21.4#
100	2.2	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 6.004 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032986.D
Acq: 22 Jun 2019 08:06

Tgt Ion: 75 Resp: 11742

Ion	Ratio	Lower	Upper
75	100		
77	38.4	25.5	38.3#