Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\

Quantitation Report (Not Reviewed)

Data File : VU033715.D
Acq On : 10 Aug 2019 03:54
Operator : JC/SP
Sample : K4289-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B29

Quant Time: Aug 10 04:32:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	327966	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	321223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	159374	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	111524	46.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.38%			
7) Chloroethane-d5	1.67	69	114847	47.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.92%			
11) 1,1-Dichloroethene-d2	2.26	63	153508	37.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.64%			
21) 2-Butanone-d5	4.16	46	238054	159.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 159.05%#			
24) Chloroform-d	4.62	84	222203	61.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.90%			
26) 1,2-Dichloroethane-d4	5.29	65	149387	66.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 133.22%#			
32) Benzene-d6	5.32	84	448040	59.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.20%			
36) 1,2-Dichloropropane-d6	6.31	67	149541	64.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 128.56%#			
41) Toluene-d8	7.55	98	394277	55.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.60%			
43) trans-1,3-Dichloropropene-	7.83	79	65750	55.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.94%			
47) 2-Hexanone-d5	8.29	63	181651	150.75	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 150.75%#			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	232151	67.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 134.92%#			
64) 1,2-Dichlorobenzene-d4	11.84	152	172315	64.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 128.48%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	66067	23.930	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1435	0.731	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1925	0.998	ug/L #	1
17) trans-1,2-Dichloroethene	2.97	96	5835	2.823	ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	209660	88.927	ug/L	95
39) cis-1,3-Dichloropropene	7.21	75	3816	1.007	ug/L #	63
48) 2-Hexanone	8.30	43	20042	7.174	ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	17837	5.530	ug/L	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\

Quantitation Report (Not Reviewed)

Data File : VU033715.D
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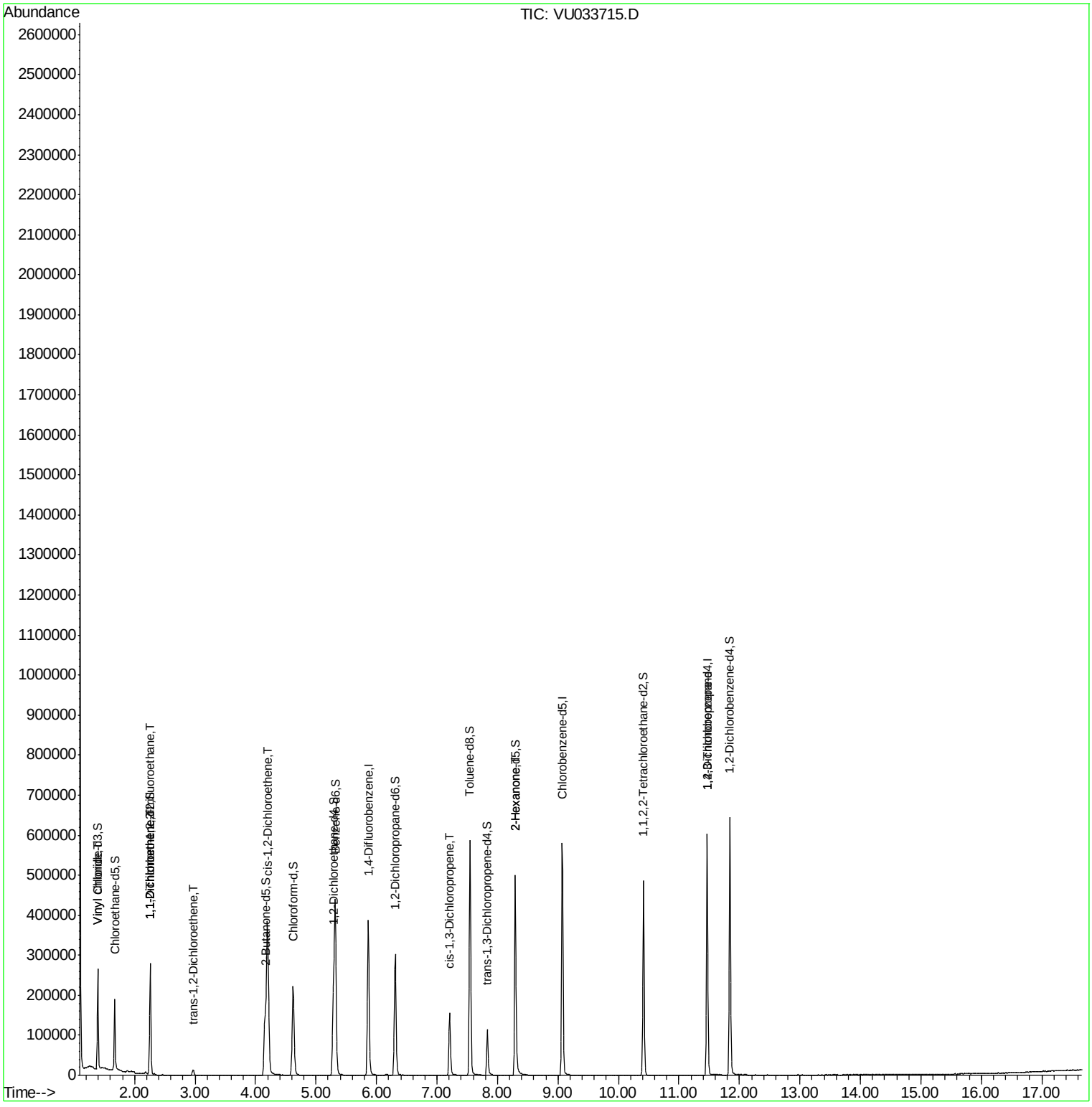
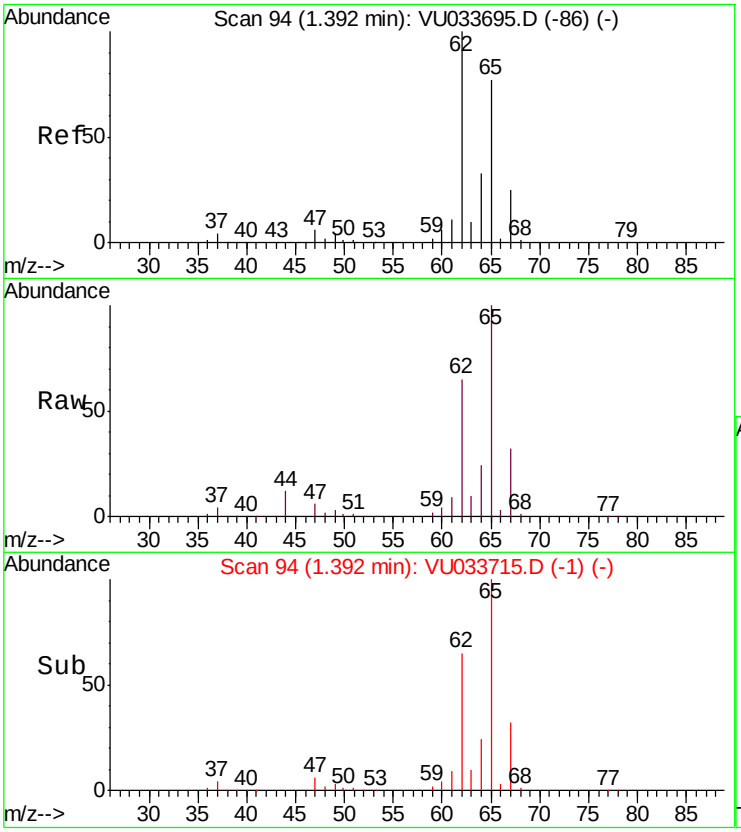
Operator : JC/SP
Sample : K4289-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B29

Quant Time: Aug 10 04:32:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration



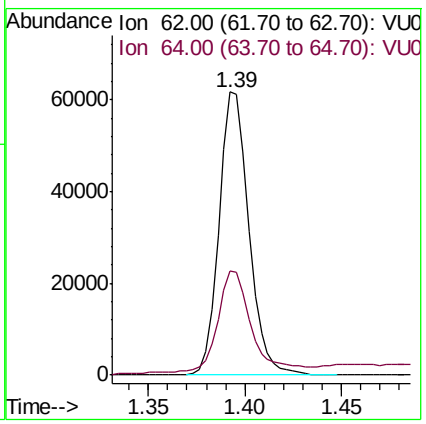


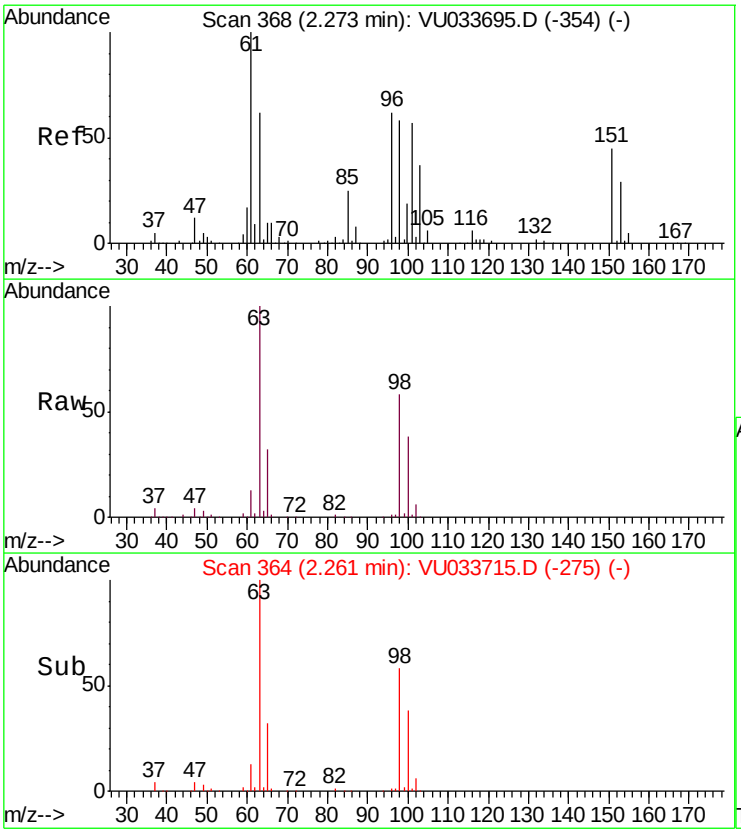
#5
Vinyl chloride
Concen: 23.930 ug/L
RT: 1.39 min Scan# 94
Delta R.T. 0.00 min
Lab File: VU033715.D
Acq: 10 Aug 2019 03:54

Instrument :
MSVOA_U
ClientSampleId :
F2B29

Tgt Ion: 62 Resp: 66067

Ion	Ratio	Lower	Upper
62	100		
64	36.7	23.7	43.9

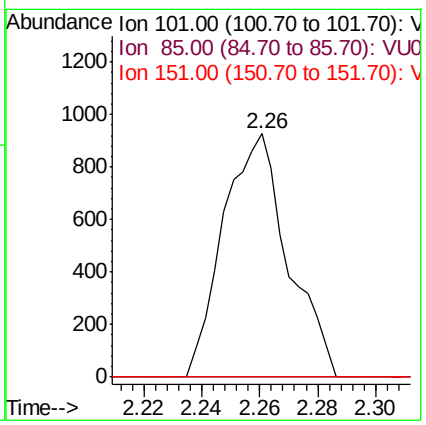


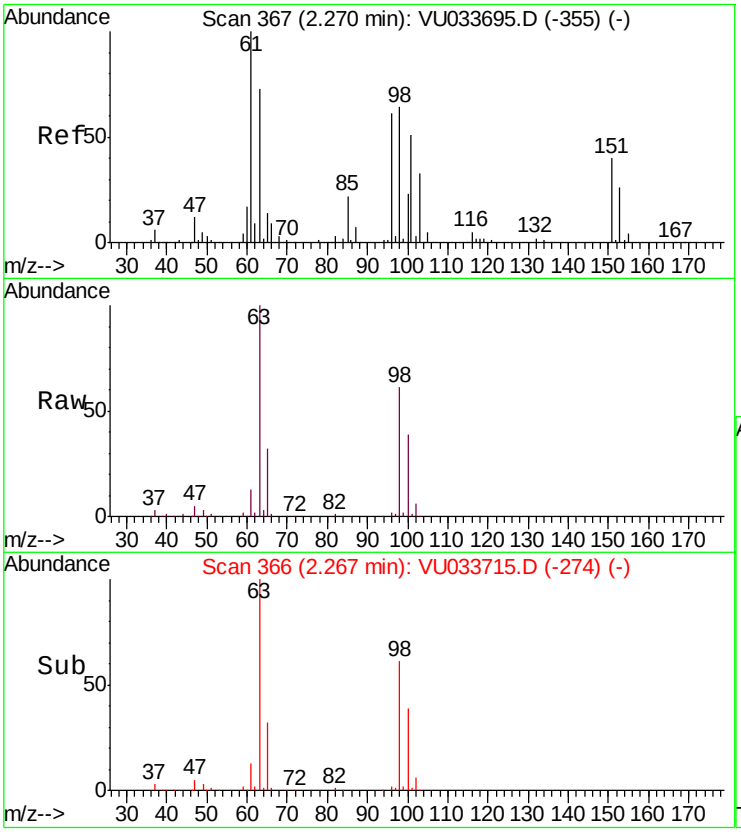


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.731 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033715.D
Acq: 10 Aug 2019 03:54

Tgt Ion:101 Resp: 1435

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.5	51.7#
151	0.0	63.0	94.4#



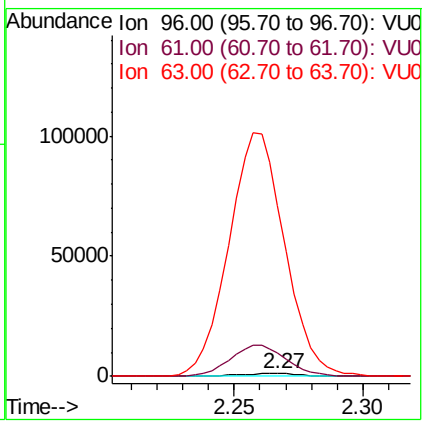


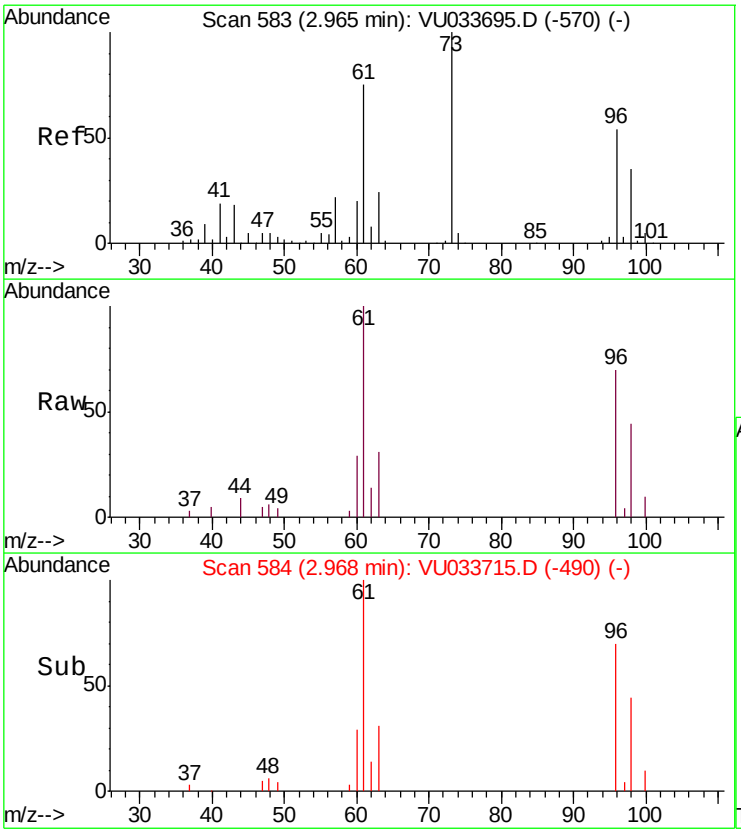
#12
1,1-Dichloroethene
Concen: 0.998 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: VU033715.D
Acq: 10 Aug 2019 03:54

Instrument : MSVOA_U
ClientSampleId : F2B29

Tgt Ion: 96 Resp: 1925

Ion	Ratio	Lower	Upper
96	100		
61	815.1	118.2	219.6#
63	6049.4	90.7	168.5#

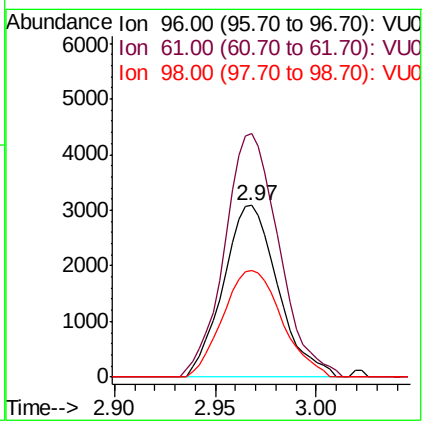


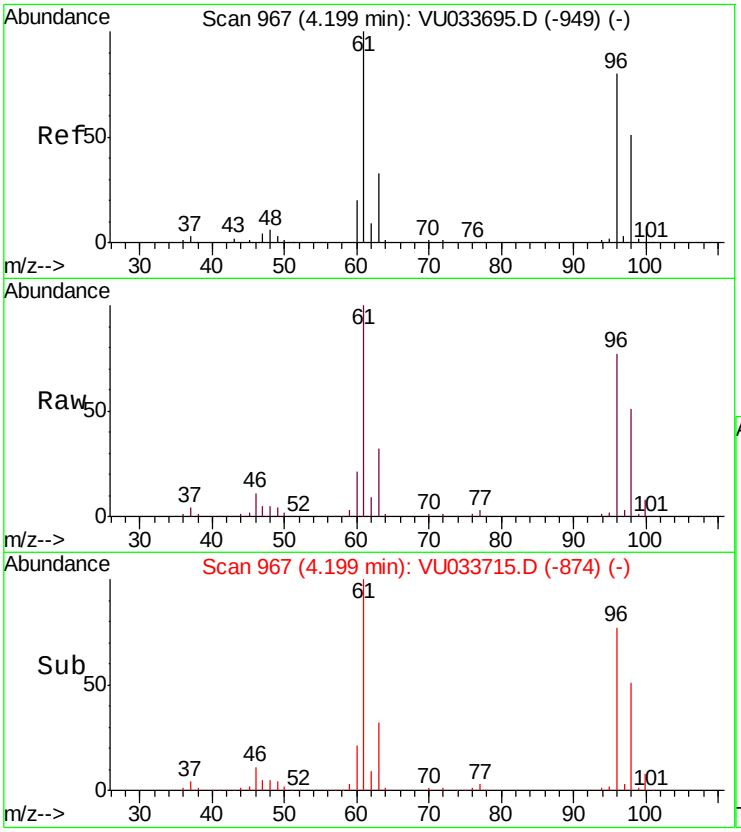


#17
trans-1,2-Dichloroethene
Concen: 2.823 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033715.D
Acq: 10 Aug 2019 03:54

Tgt Ion: 96 Resp: 5835

Ion	Ratio	Lower	Upper
96	100		
61	142.1	95.6	177.6
98	62.1	44.6	82.8



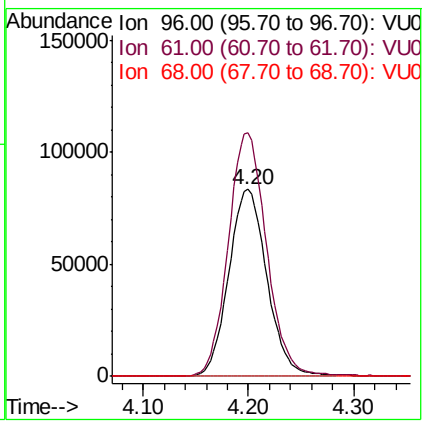


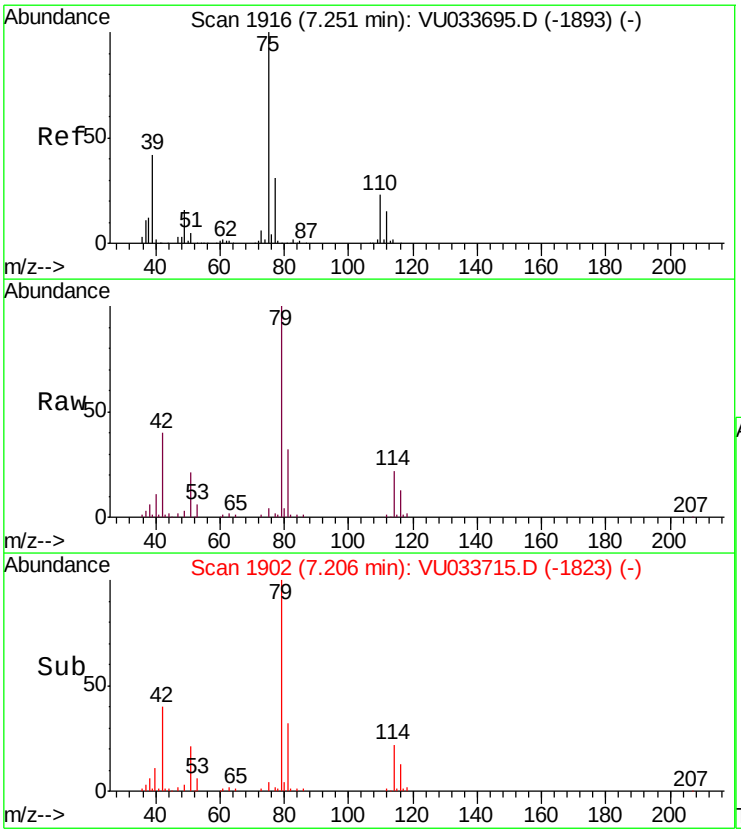
#20
cis-1,2-Dichloroethene
Concen: 88.927 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033715.D
Acq: 10 Aug 2019 03:54

Instrument :
MSVOA_U
ClientSampleId :
F2B29

Tgt Ion: 96 Resp: 209660

Ion	Ratio	Lower	Upper
96	100		
61	130.4	87.0	161.6
68	0.0	0.0	0.0

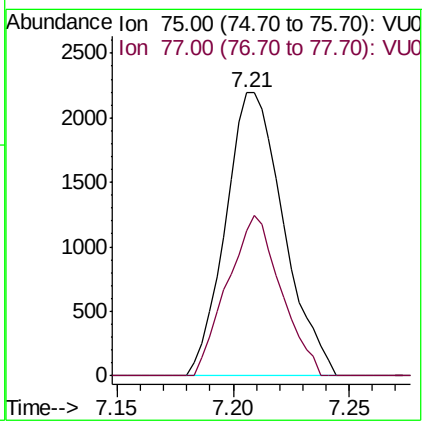


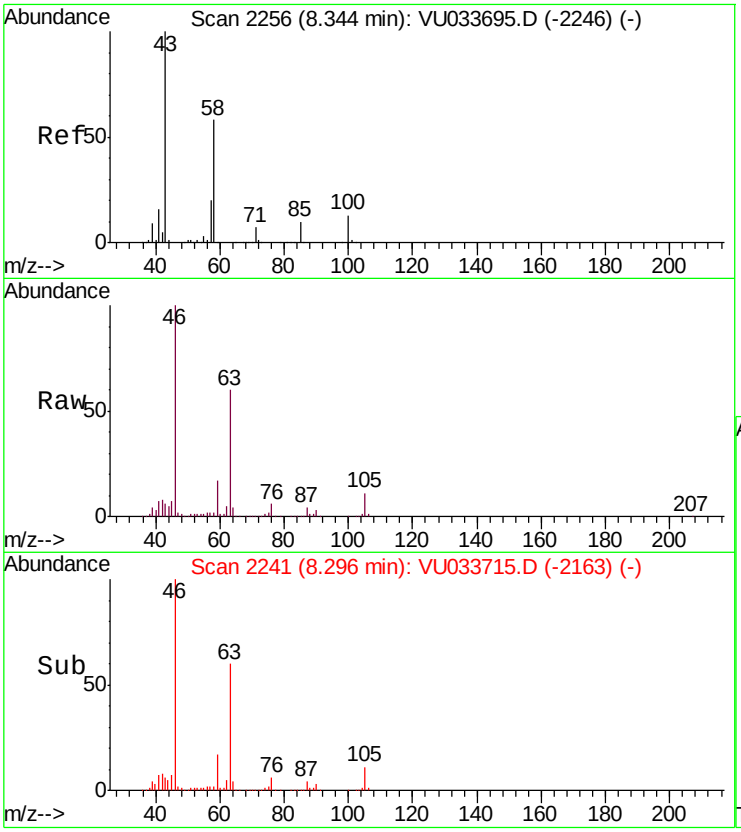


#39
cis-1,3-Dichloropropene
Concen: 1.007 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: VU033715.D
Acq: 10 Aug 2019 03:54

Tgt Ion: 75 Resp: 3816

Ion	Ratio	Lower	Upper
75	100		
77	51.1	21.7	40.3#



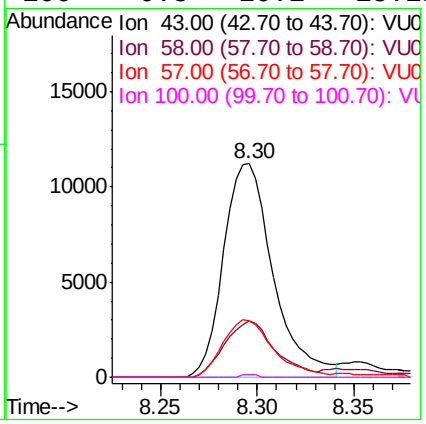


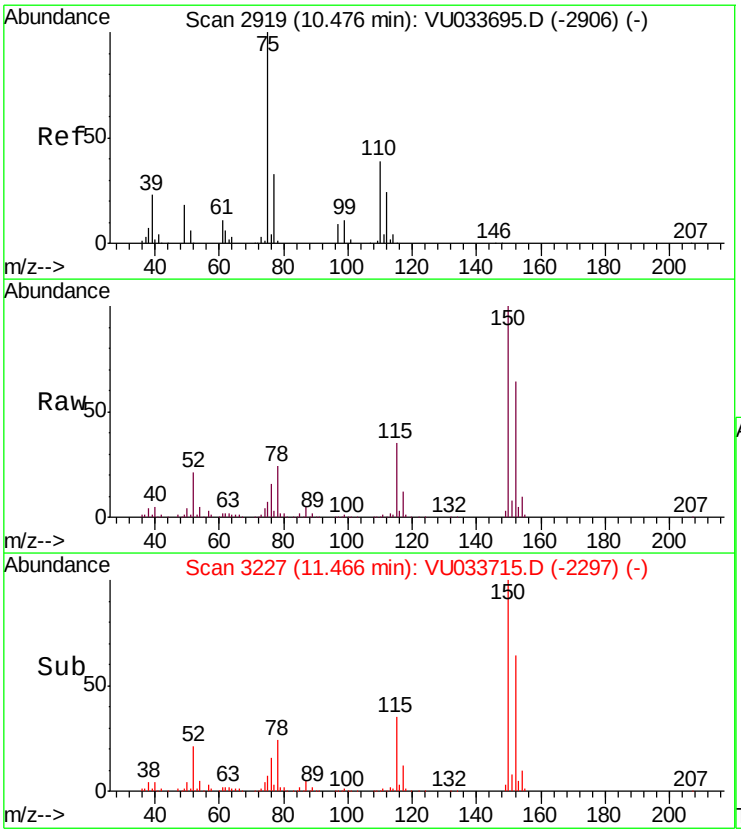
#48
2-Hexanone
Concen: 7.174 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033715.D
Acq: 10 Aug 2019 03:54

Instrument : MSVOA_U
ClientSampleId : F2B29

Tgt Ion: 43 Resp: 20042

Ion	Ratio	Lower	Upper
43	100		
58	26.8	46.6	70.0#
57	27.5	16.2	24.4#
100	0.3	10.1	15.1#





#59
1,2,3-Trichloropropane
Concen: 5.530 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033715.D
Acq: 10 Aug 2019 03:54

Tgt Ion: 75 Resp: 17837

Ion	Ratio	Lower	Upper
75	100		
77	38.3	26.4	39.6