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

Quantitation Report (Not Reviewed)

Data File : VU033711.D
Acq On : 10 Aug 2019 02:22
Operator : JC/SP
Sample : K4289-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B18

Quant Time: Aug 10 04:31:32 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	348048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	336237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	167799	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	117835	45.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.98%			
7) Chloroethane-d5	1.67	69	114911	44.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.50%			
11) 1,1-Dichloroethene-d2	2.26	63	161471	37.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.96%			
21) 2-Butanone-d5	4.16	46	248848	156.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 156.67%#			
24) Chloroform-d	4.62	84	232835	61.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.34%			
26) 1,2-Dichloroethane-d4	5.29	65	153835	64.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.26%#			
32) Benzene-d6	5.32	84	468920	59.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.18%			
36) 1,2-Dichloropropane-d6	6.31	67	156000	64.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 128.12%#			
41) Toluene-d8	7.55	98	414033	55.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.94%			
43) trans-1,3-Dichloropropene-	7.83	79	71139	57.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.70%			
47) 2-Hexanone-d5	8.29	63	185989	147.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.45%#			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	239872	66.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 133.18%#			
64) 1,2-Dichlorobenzene-d4	11.84	152	178350	63.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.30%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	6223	2.124	ug/L #	53
12) 1,1-Dichloroethene	2.26	96	1600	0.782	ug/L #	1
18) Methyl tert-butyl Ether	2.98	73	15238	2.124	ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	168531	67.358	ug/L	98
34) Trichloroethene	6.17	95	25498	10.327	ug/L	95
37) 1,2-Dichloropropane	6.31	63	17038	6.823	ug/L #	88
46) Tetrachloroethene	8.21	164	9286	4.563	ug/L	97
49) Dibromochloromethane	8.21	129	8869	3.242	ug/L #	11
59) 1,2,3-Trichloropropane	11.47	75	19275	5.709	ug/L	97

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

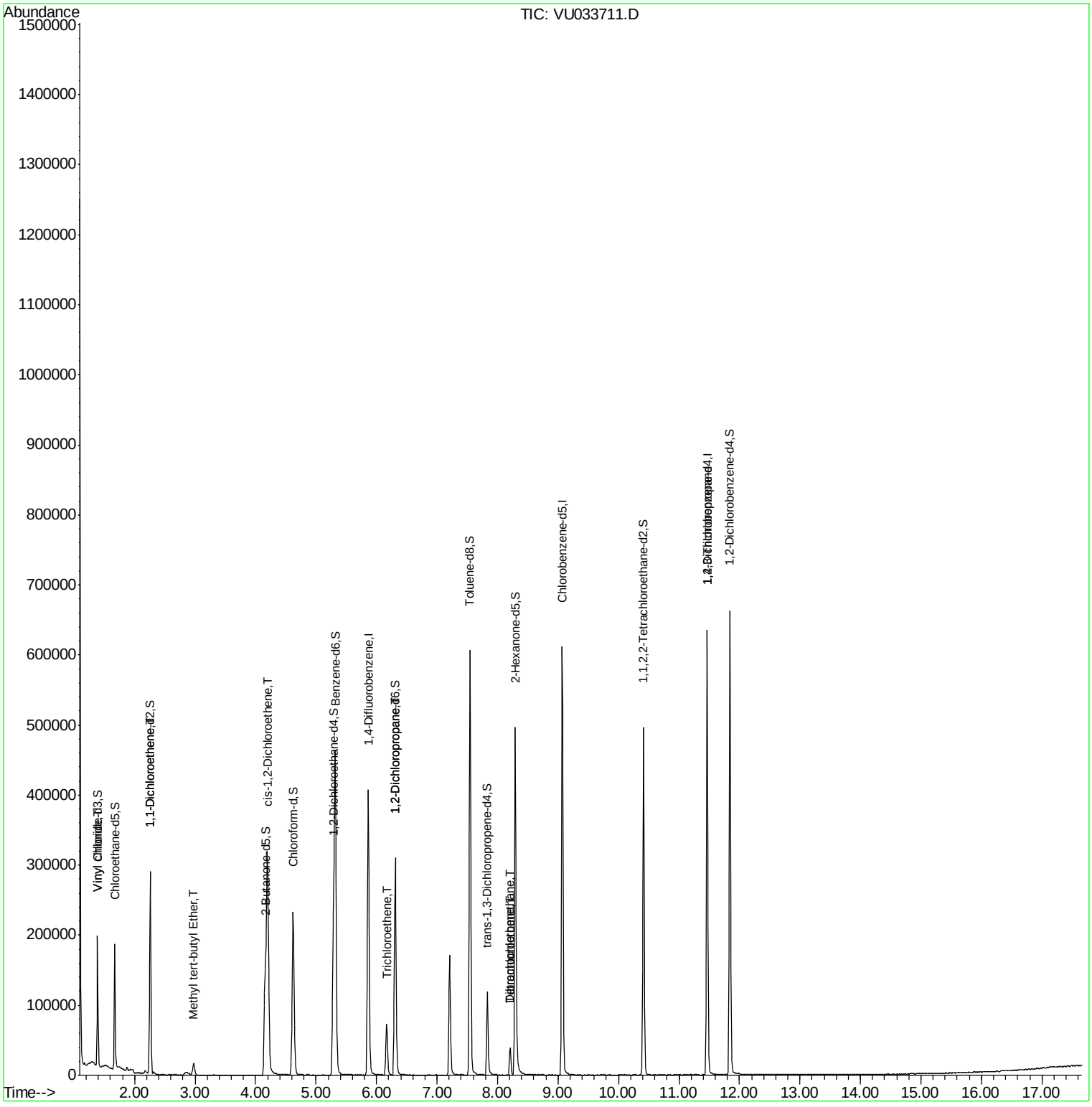
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\

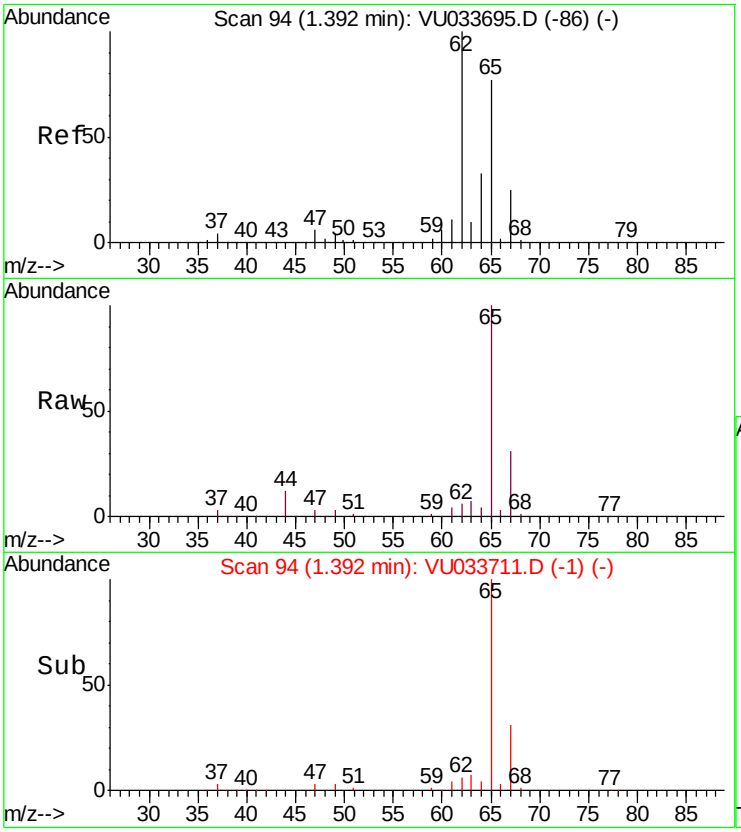
Quantitation Report (Not Reviewed)

Data File : VU033711.D
Acq On : 10 Aug 2019 02:22
Operator : JC/SP
Sample : K4289-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B18

Quant Time: Aug 10 04:31:32 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



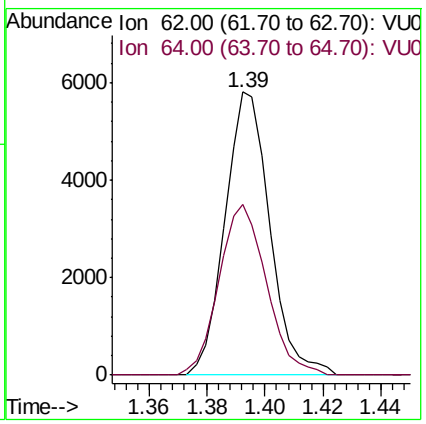


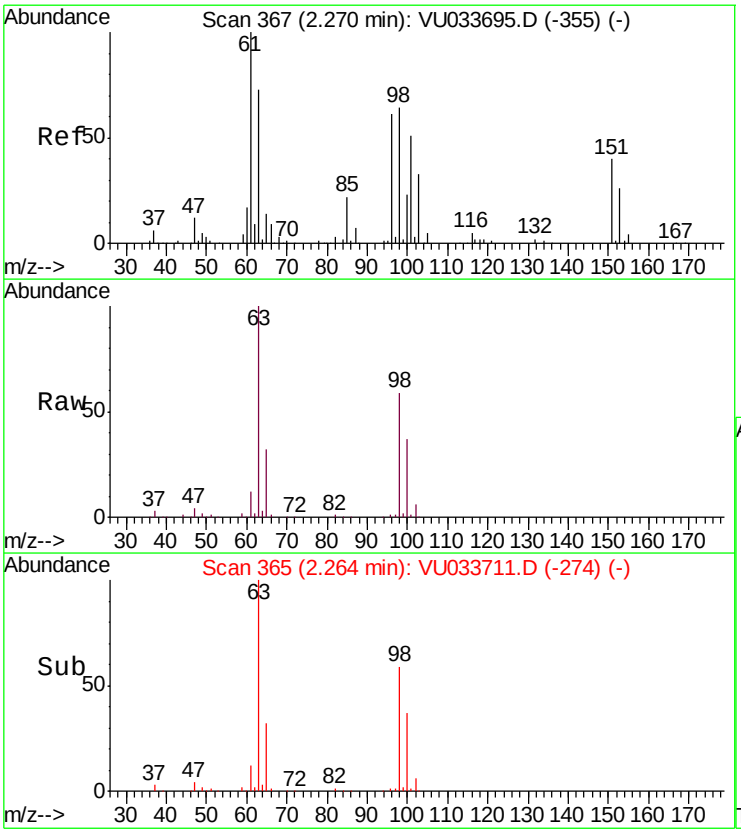
#5
Vinyl chloride
Concen: 2.124 ug/L
RT: 1.39 min Scan# 94
Delta R.T. 0.00 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Instrument :
MSVOA_U
ClientSampleId :
F2B18

Tgt Ion: 62 Resp: 6223

Ion	Ratio	Lower	Upper
62	100		
64	60.5	23.7	43.9#

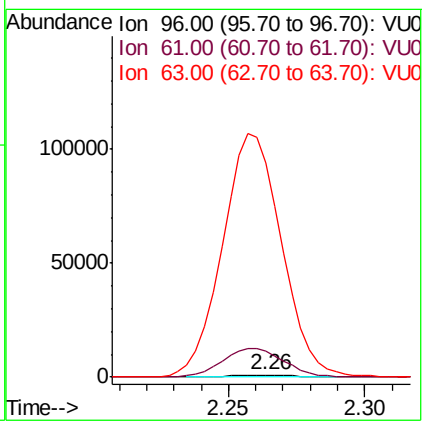


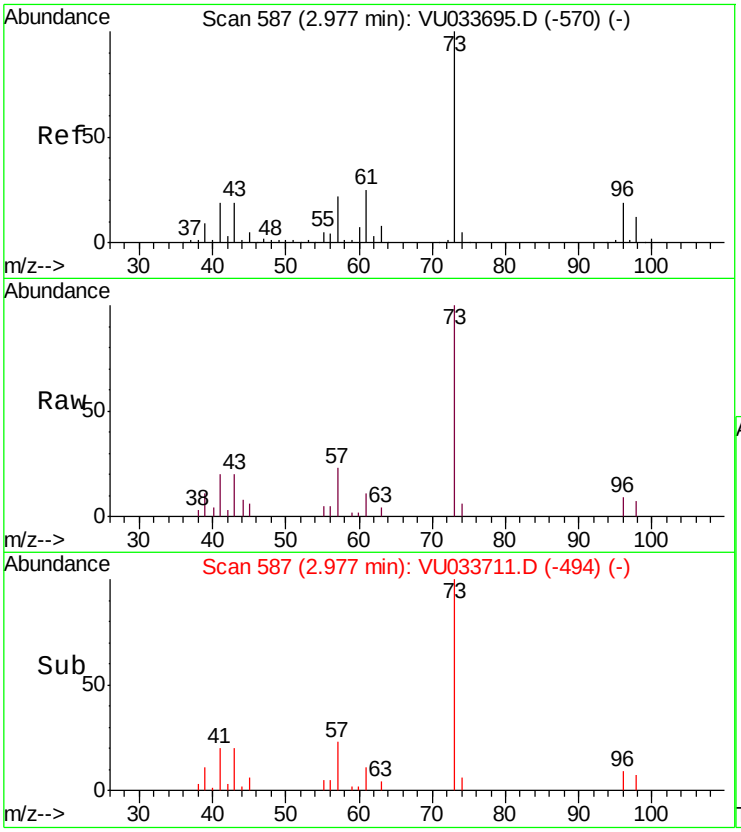


#12
1,1-Dichloroethene
Concen: 0.782 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Tgt Ion: 96 Resp: 1600

Ion	Ratio	Lower	Upper
96	100		
61	1199.5	118.2	219.6#
63	9675.9	90.7	168.5#



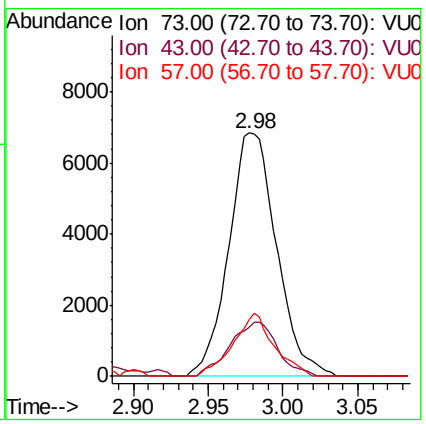


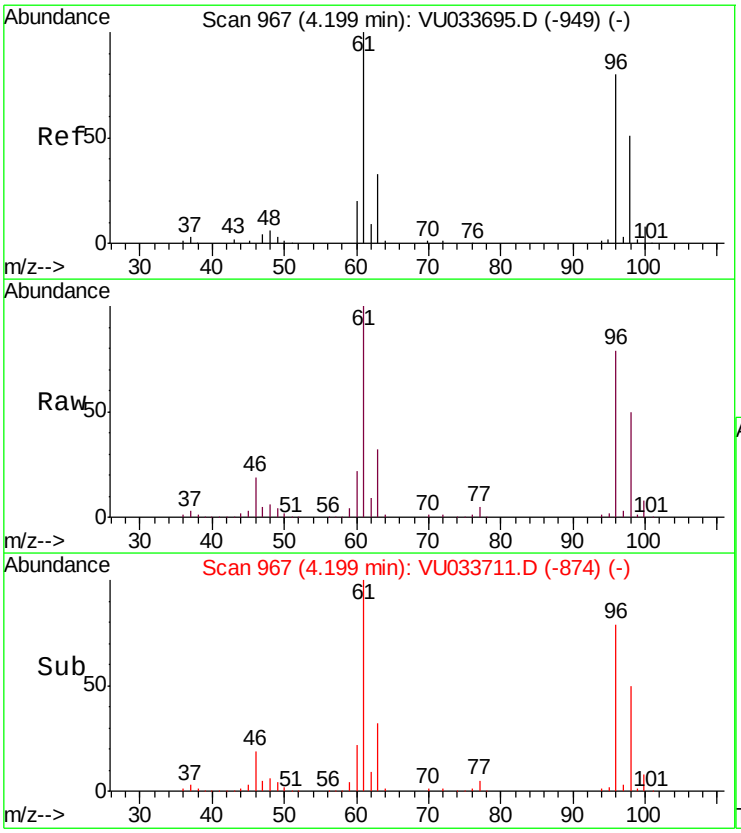
#18
Methyl tert-butyl Ether
Concen: 2.124 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Instrument :
MSVOA_U
ClientSampleId :
F2B18

Tgt Ion: 73 Resp: 15238

Ion	Ratio	Lower	Upper
73	100		
43	22.2	15.1	22.7
57	22.1	17.4	26.0

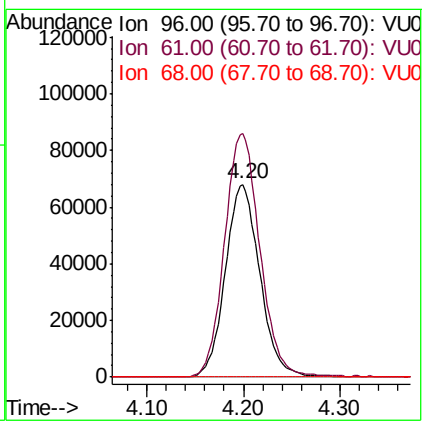


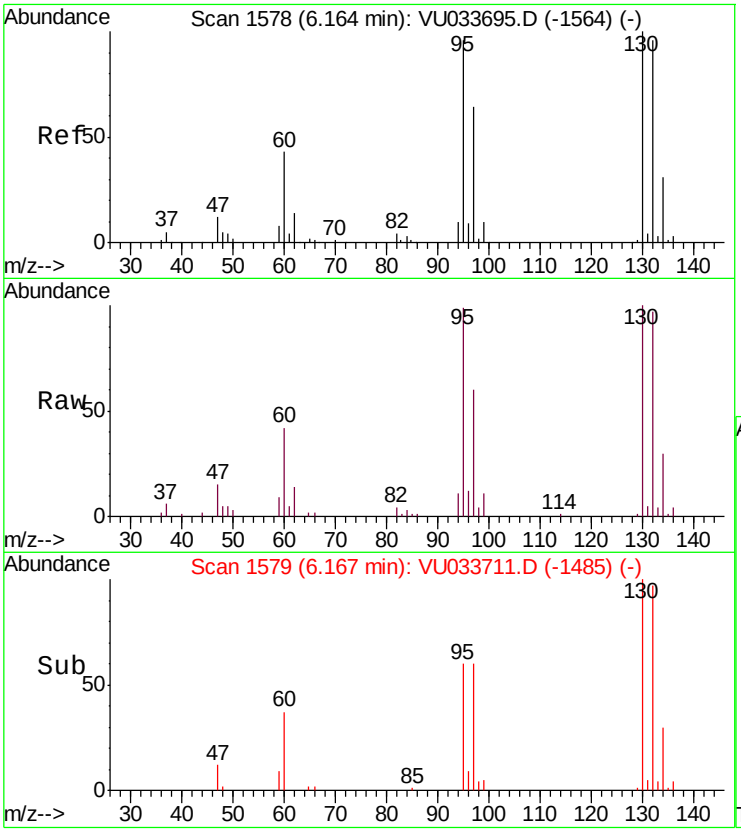


#20
cis-1,2-Dichloroethene
Concen: 67.358 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Tgt Ion: 96 Resp: 168531

Ion	Ratio	Lower	Upper
96	100		
61	126.4	87.0	161.6
68	0.0	0.0	0.0



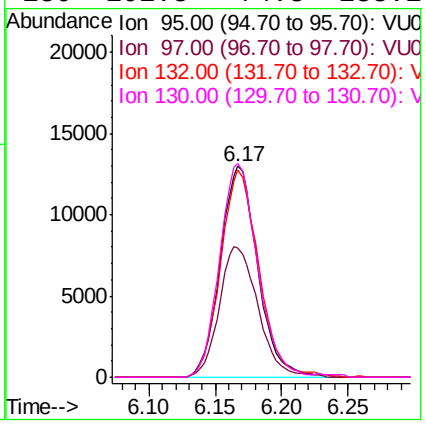


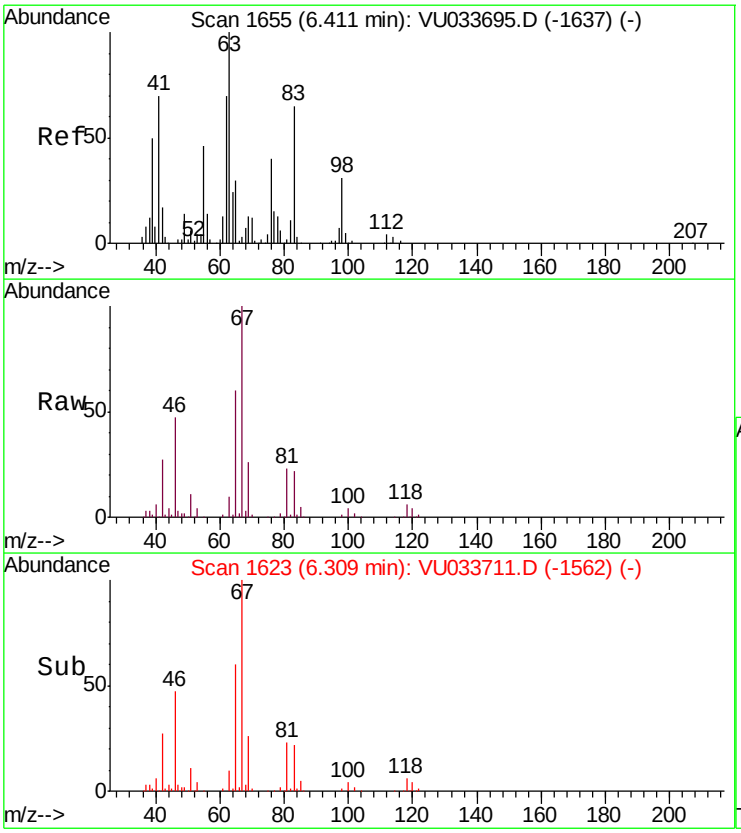
#34
Trichloroethene
Concen: 10.327 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Instrument :
MSVOA_U
ClientSampleId :
F2B18

Tgt Ion: 95 Resp: 25498

Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.6	84.8
132	98.1	72.0	133.8
130	101.3	74.3	138.1

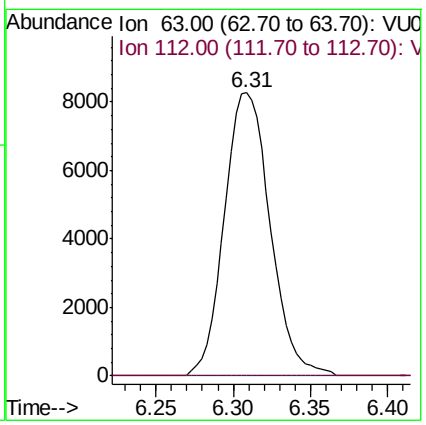


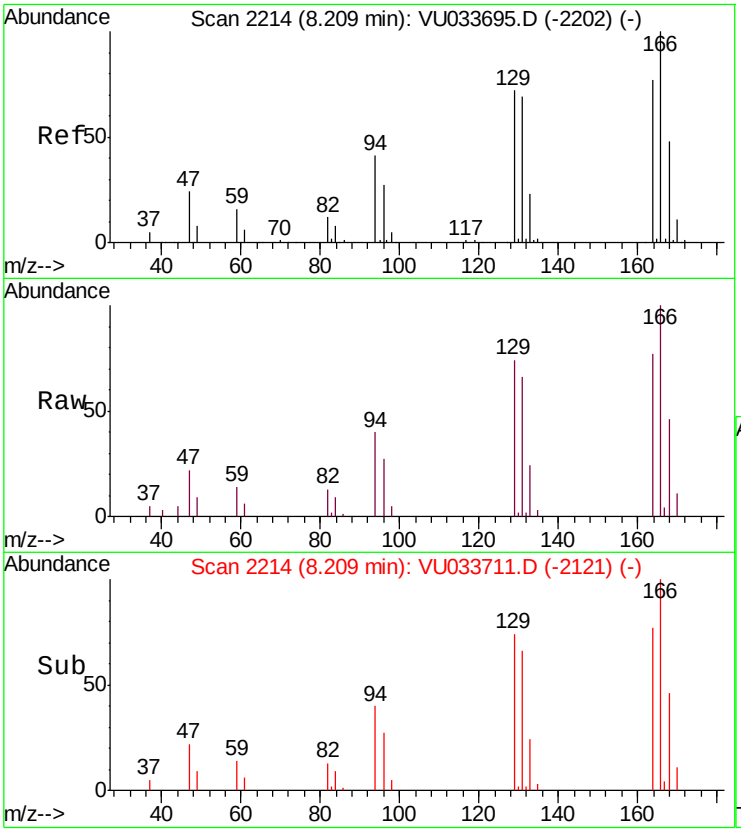


#37
1,2-Dichloropropane
Concen: 6.823 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Tgt Ion: 63 Resp: 17038

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



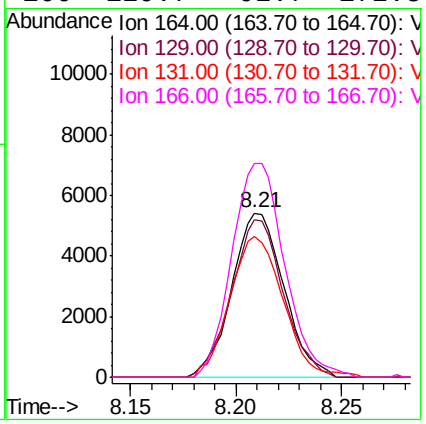


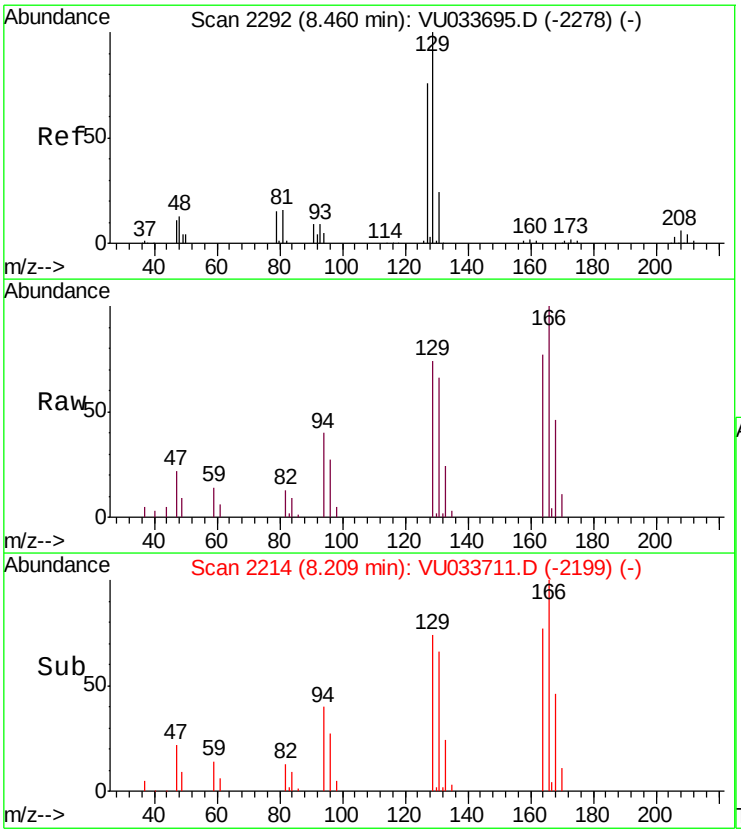
#46
Tetrachloroethene
Concen: 4.563 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Instrument : MSVOA_U
ClientSampleId : F2B18

Tgt Ion:164 Resp: 9286

Ion	Ratio	Lower	Upper
164	100		
129	95.9	65.5	121.7
131	85.5	63.6	118.0
166	129.7	92.7	172.3

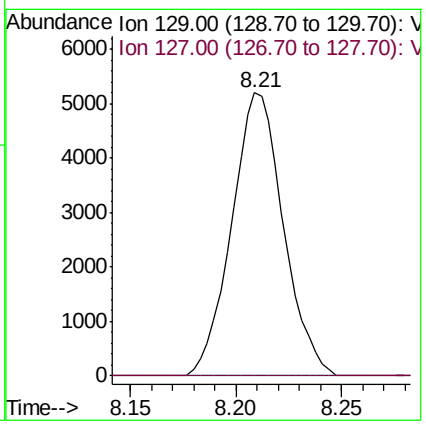


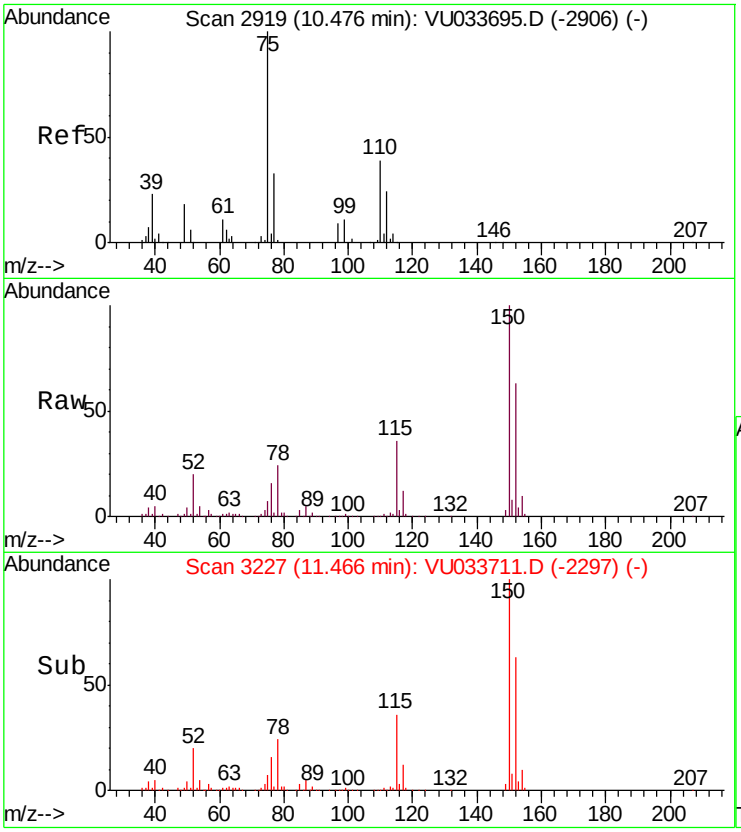


#49
Dibromochloromethane
Concen: 3.242 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Tgt Ion:129 Resp: 8869

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	98.9#





#59
1,2,3-Trichloropropane
Concen: 5.709 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033711.D
Acq: 10 Aug 2019 02:22

Instrument :
MSVOA_U
ClientSampleId :
F2B18

Tgt Ion: 75 Resp: 19275

Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.4	39.6