Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

Quantitation Report (Not Reviewed)

Data File : VU031909.D
Acq On : 10 May 2019 23:29
Operator : JC/SP
Sample : K2705-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B49

Quant Time: May 11 02:50:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1022235	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1027136	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	368966	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	364838	42.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.28%			
7) Chloroethane-d5	1.67	69	319743	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.72%			
11) 1,1-Dichloroethene-d2	2.26	63	536715	31.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.00%			
21) 2-Butanone-d5	4.17	46	666032	85.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.92%			
24) Chloroform-d	4.64	84	695782	44.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.82%			
26) 1,2-Dichloroethane-d4	5.31	65	458027	44.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.48%			
32) Benzene-d6	5.33	84	1425180	45.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.38%			
36) 1,2-Dichloropropane-d6	6.32	67	489118	44.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.16%			
41) Toluene-d8	7.56	98	1195581	43.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.04%			
43) trans-1,3-Dichloropropene-	7.85	79	187729	39.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.82%			
47) 2-Hexanone-d5	8.31	63	425863	88.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.67%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	686128	46.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.14%			
64) 1,2-Dichlorobenzene-d4	11.85	152	398608	51.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.74%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	62404	4.908	ug/L	86
8) Chloroethane	1.40	64	27285	3.926	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4644	0.567	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	14683	1.841	ug/L #	1
13) Acetone	2.32	43	11003	1.260	ug/L	88
17) trans-1,2-Dichloroethene	2.98	96	3178	0.382	ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	427148	47.916	ug/L	95
34) Trichloroethene	6.18	95	619502	67.675	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	8243	0.642	ug/L	83
46) Tetrachloroethene	8.22	164	31386	5.029	ug/L	97
48) 2-Hexanone	8.31	43	52833	3.960	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	50533	3.976	ug/L	92

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

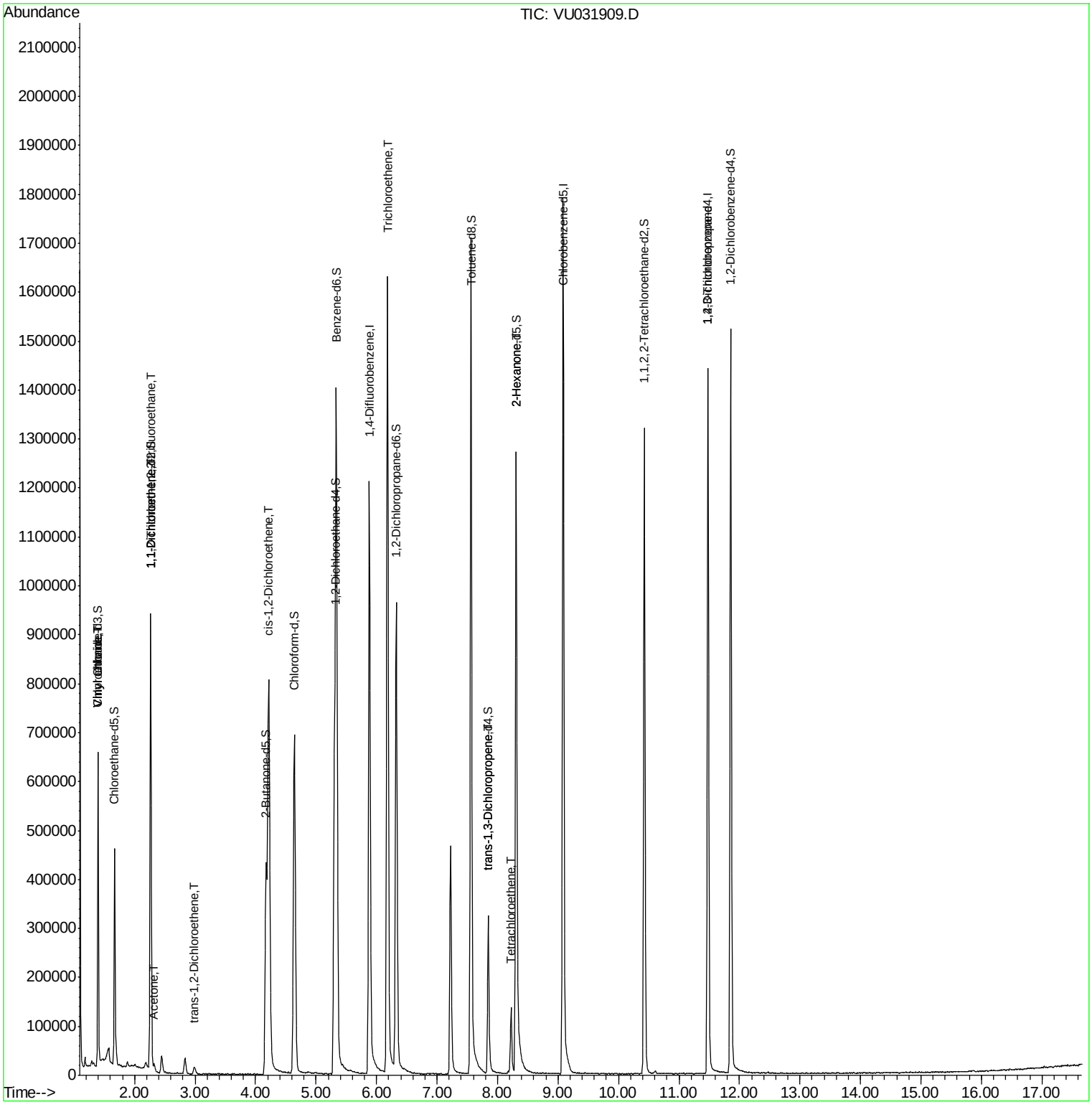
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

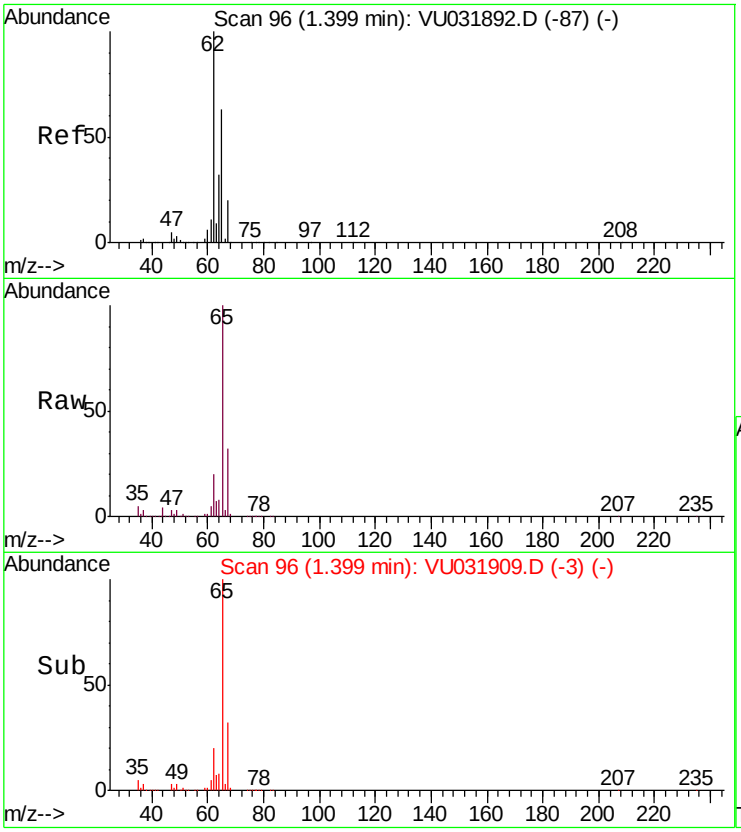
Quantitation Report (Not Reviewed)

Data File : VU031909.D
Acq On : 10 May 2019 23:29
Operator : JC/SP
Sample : K2705-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B49

Quant Time: May 11 02:50:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



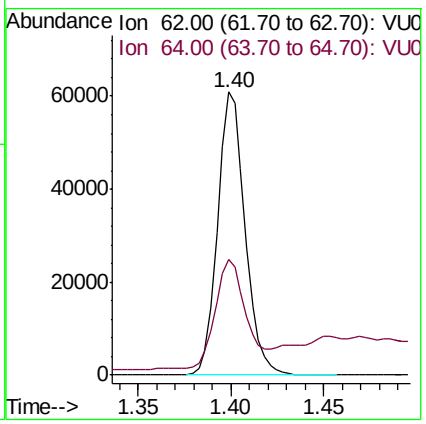


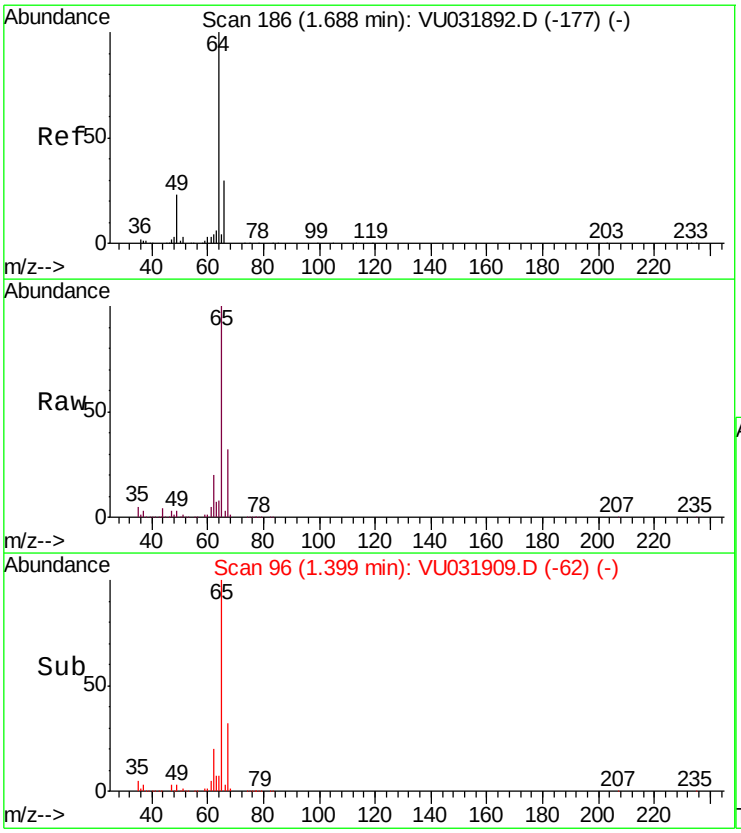
#5
Vinyl chloride
Concen: 4.908 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Instrument :
MSVOA_U
ClientSampleId :
C0B49

Tgt Ion: 62 Resp: 62404

Ion	Ratio	Lower	Upper
62	100		
64	41.1	23.1	42.9

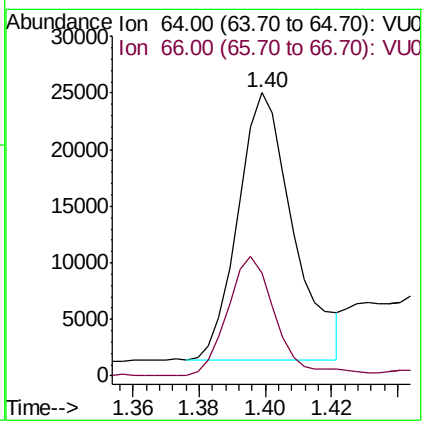


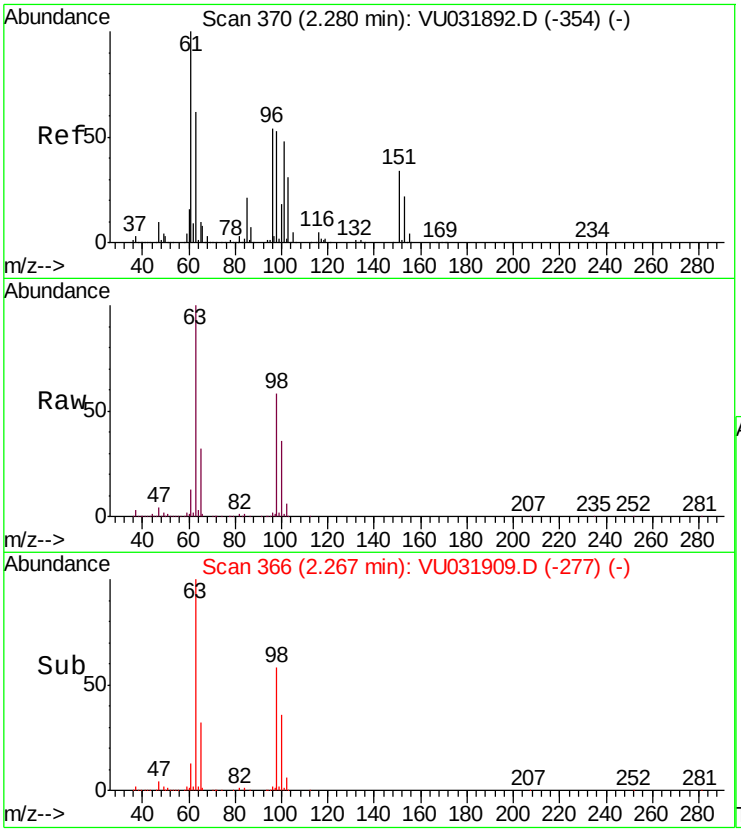


#8
Chloroethane
Concen: 3.926 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.29 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Tgt Ion: 64 Resp: 27285

Ion	Ratio	Lower	Upper
64	100		
66	36.3	23.2	43.0



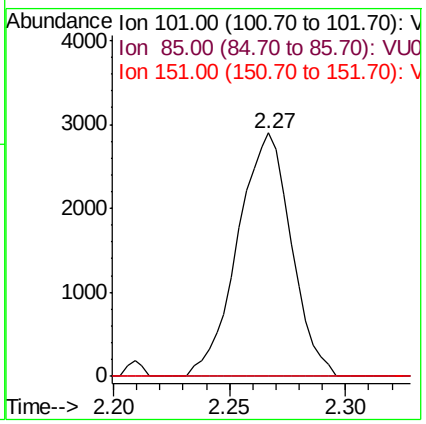


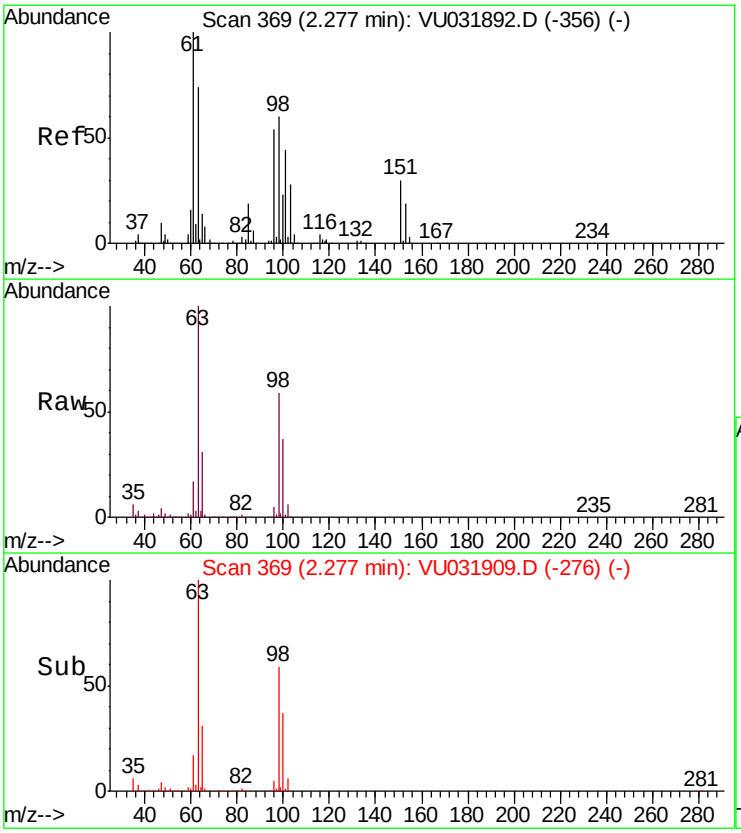
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.567 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Instrument :
MSVOA_U
ClientSampleId :
C0B49

Tgt Ion:101 Resp: 4644

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	56.1	84.1#

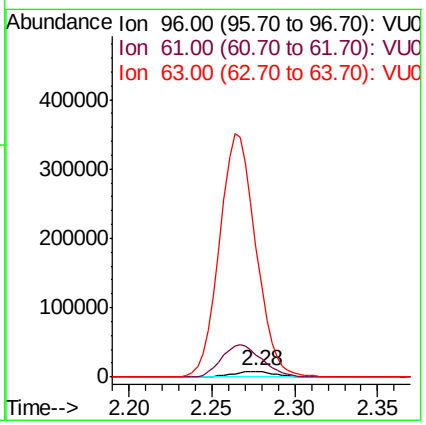


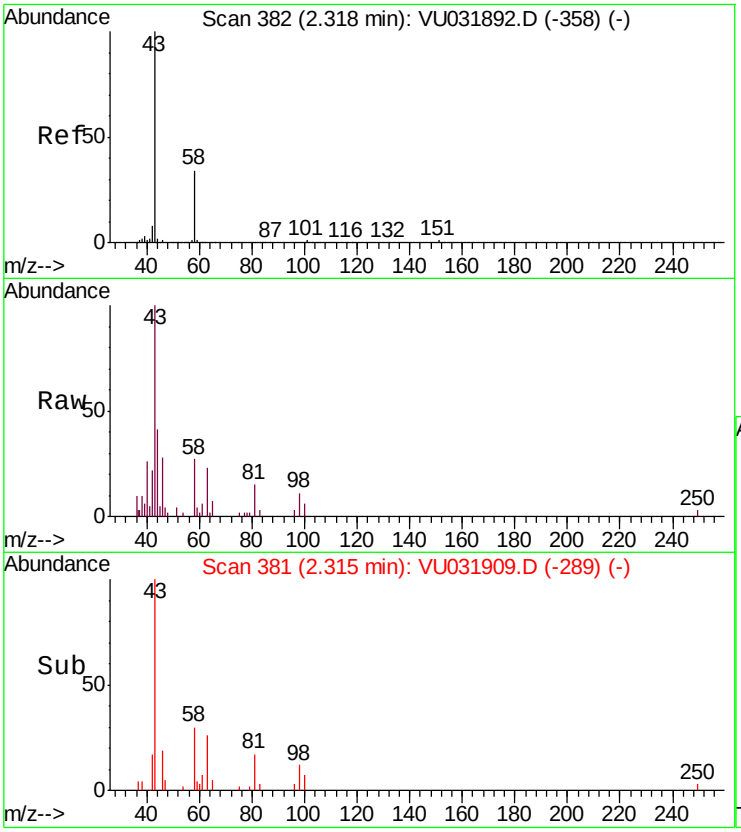


#12
1,1-Dichloroethene
Concen: 1.841 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Tgt Ion: 96 Resp: 14683

Ion	Ratio	Lower	Upper
96	100		
61	364.2	135.0	250.6#
63	2117.5	103.5	192.3#



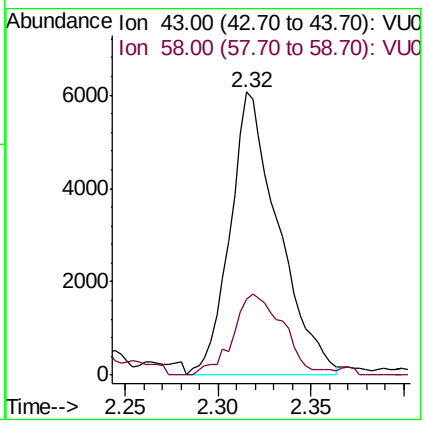


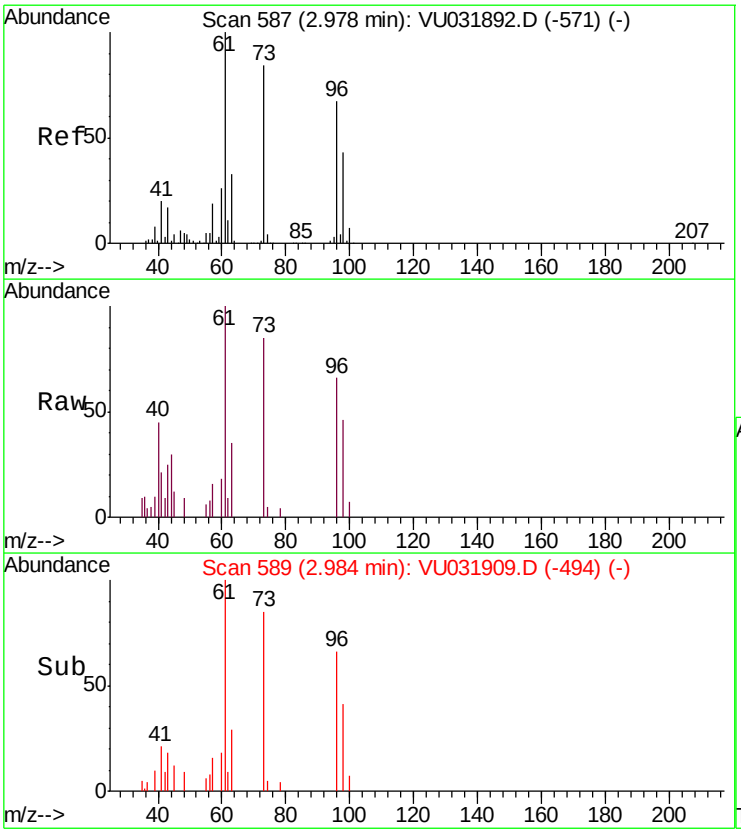
#13
Acetone
Concen: 1.260 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Instrument : MSVOA_U
ClientSampleId : C0B49

Tgt Ion: 43 Resp: 11003

Ion	Ratio	Lower	Upper
43	100		
58	25.4	0.0	64.4

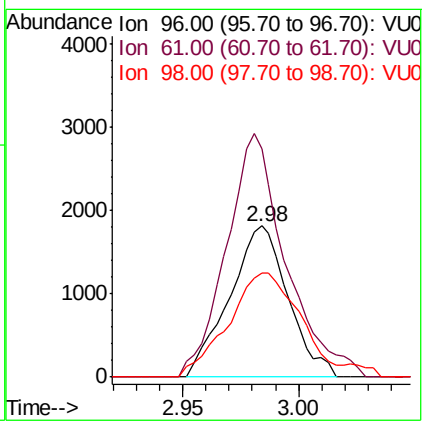


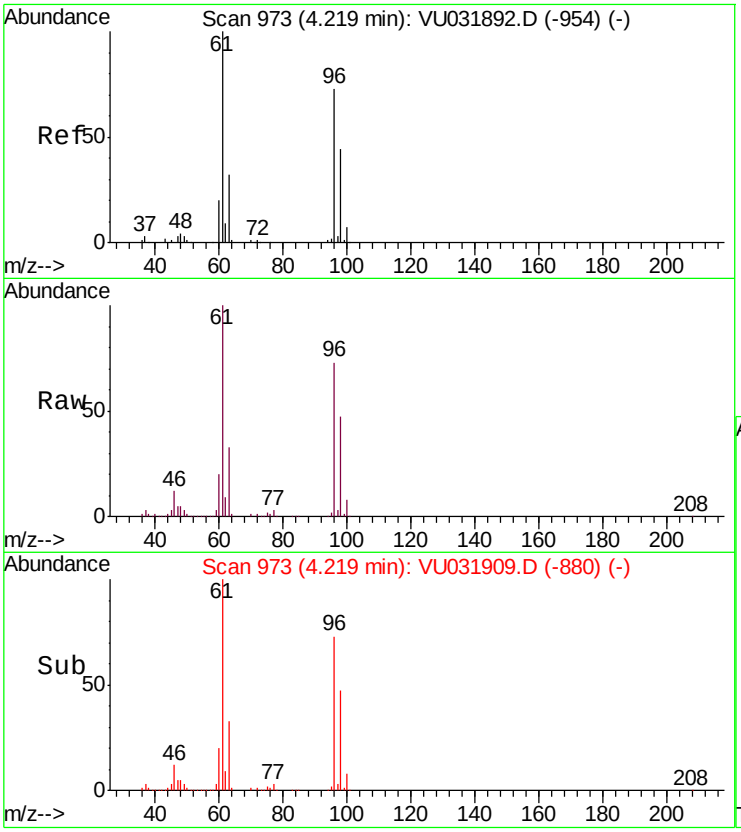


#17
trans-1,2-Dichloroethene
Concen: 0.382 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Tgt Ion: 96 Resp: 3178

Ion	Ratio	Lower	Upper
96	100		
61	151.3	114.5	212.7
98	69.3	45.4	84.2



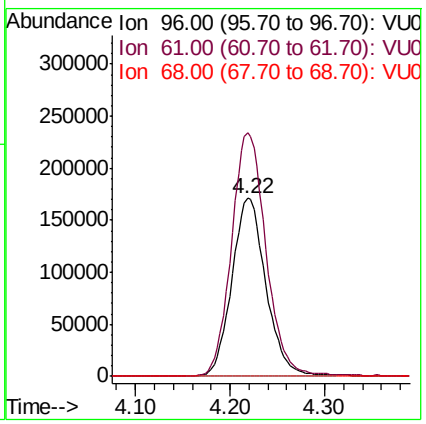


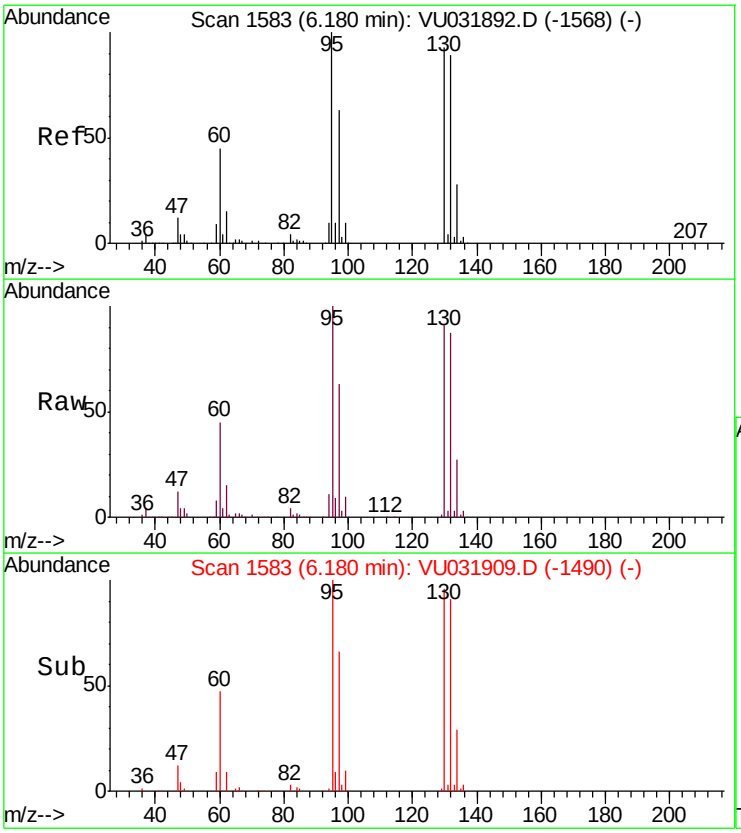
#20
cis-1,2-Dichloroethene
Concen: 47.916 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Instrument :
MSVOA_U
ClientSampleId :
C0B49

Tgt Ion: 96 Resp: 427148

Ion	Ratio	Lower	Upper
96	100		
61	136.6	99.5	184.7
68	0.0	0.0	0.0

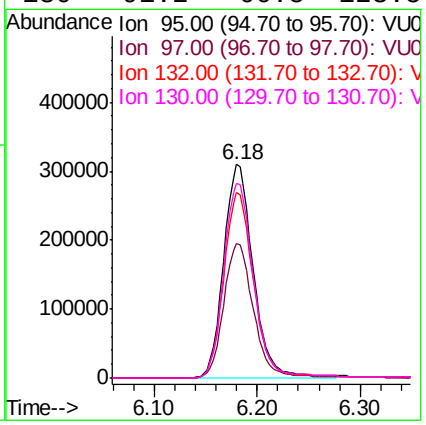


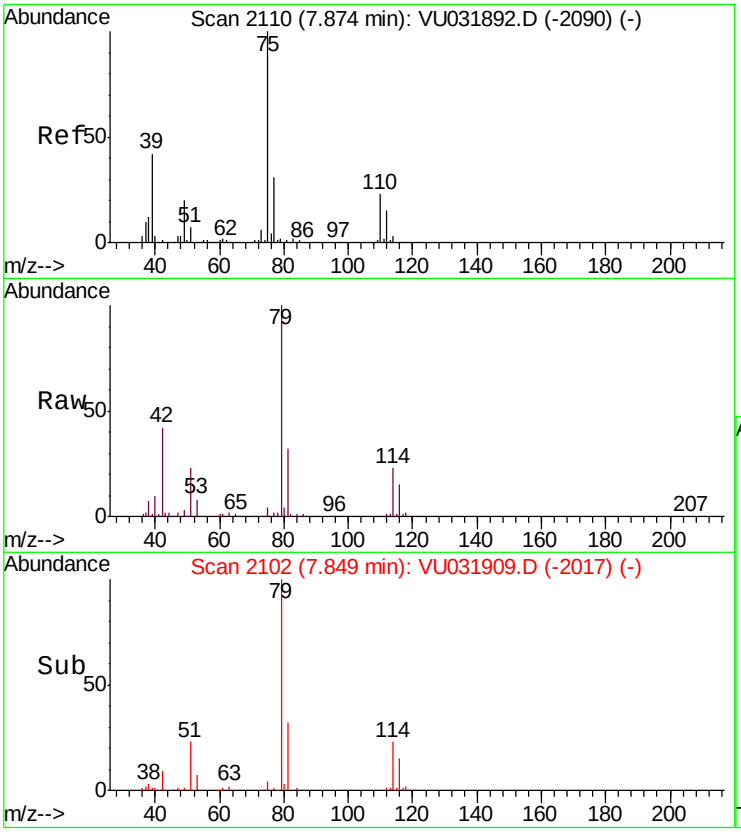


#34
Trichloroethene
Concen: 67.675 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Tgt Ion: 95 Resp: 619502

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.8	83.2
132	86.8	63.1	117.1
130	91.2	66.5	123.5



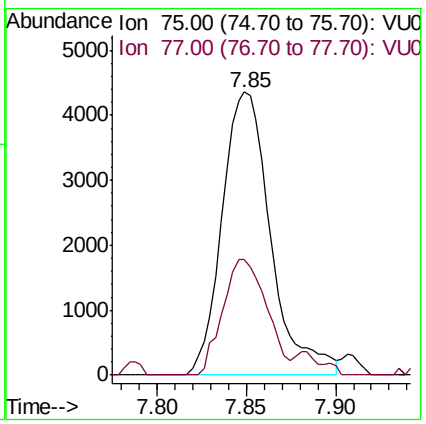


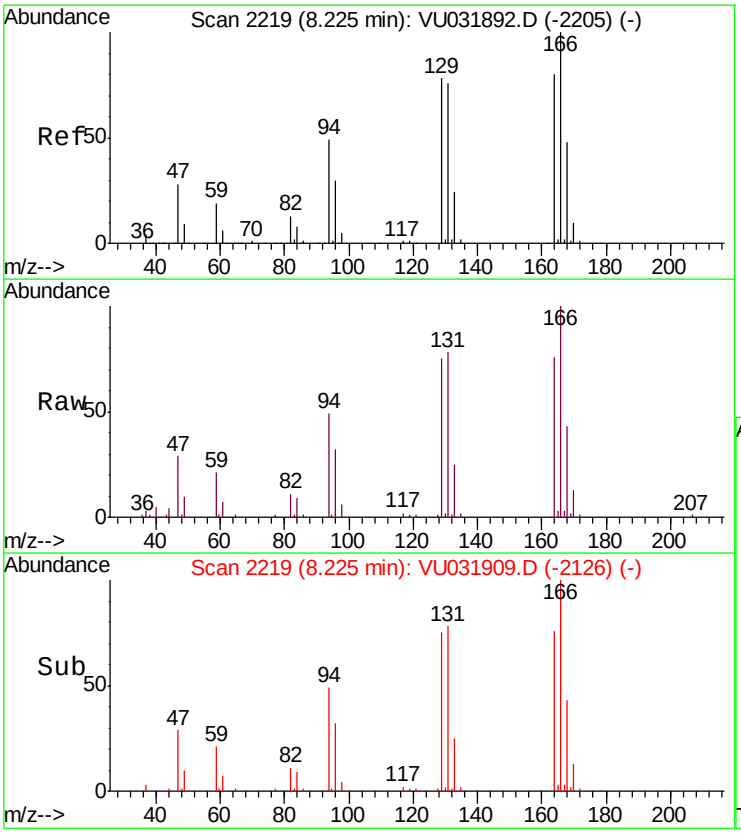
#44
trans-1,3-Dichloropropene
Concen: 0.642 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Instrument :
MSVOA_U
ClientSampleId :
C0B49

Tgt Ion: 75 Resp: 8243

Ion	Ratio	Lower	Upper
75	100		
77	40.9	22.1	41.1

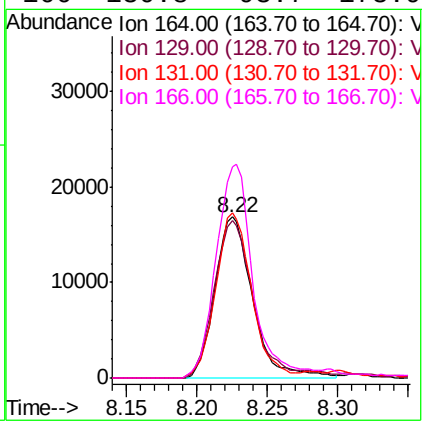


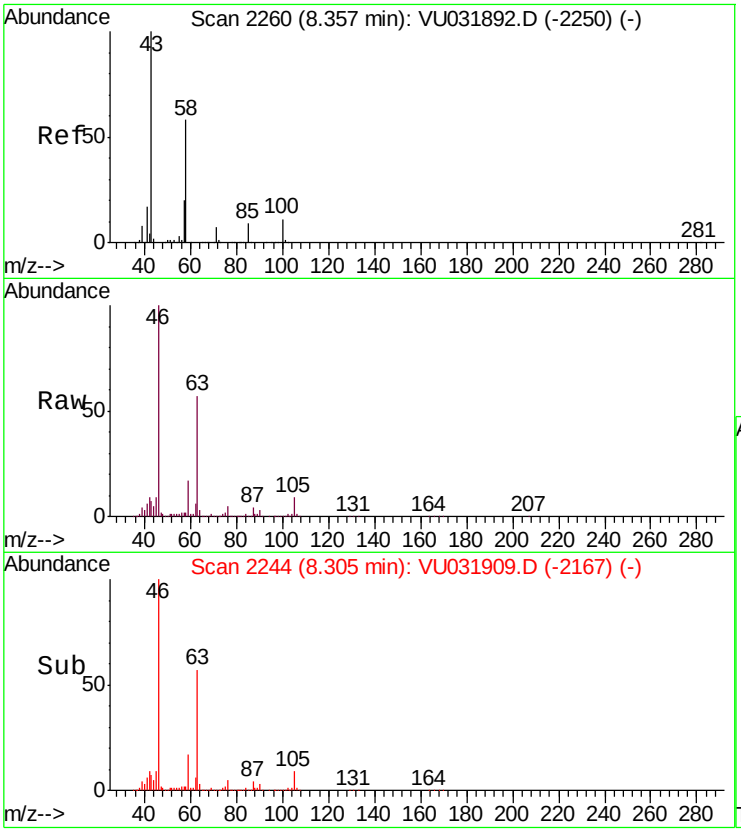


#46
Tetrachloroethene
Concen: 5.029 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Tgt Ion:164 Resp: 31386

Ion	Ratio	Lower	Upper
164	100		
129	97.7	71.5	132.9
131	102.3	69.0	128.2
166	130.8	93.7	173.9



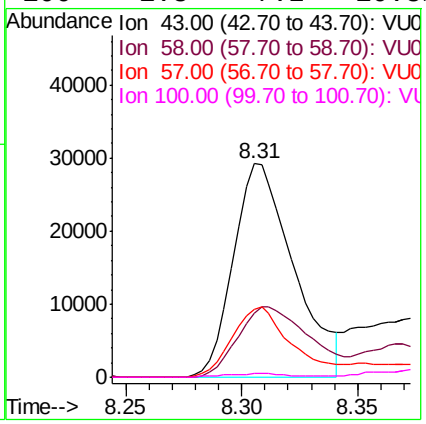


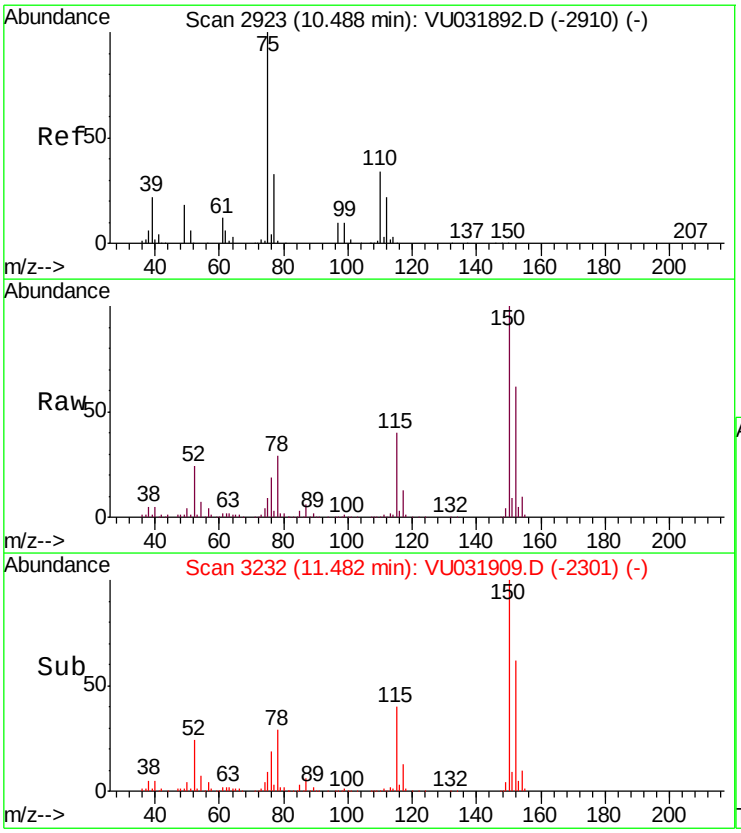
#48
2-Hexanone
Concen: 3.960 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Instrument : MSVOA_U
ClientSampleId : C0B49

Tgt Ion: 43 Resp: 52833

Ion	Ratio	Lower	Upper
43	100		
58	40.3	42.1	63.1#
57	32.8	14.6	22.0#
100	1.8	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 3.976 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031909.D
Acq: 10 May 2019 23:29

Tgt Ion: 75 Resp: 50533

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.9	38.9