Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

Quantitation Report (Not Reviewed)

Data File : VU031634.D
Acq On : 30 Apr 2019 15:19
Operator : JC/SP
Sample : K2593-04 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB8

Quant Time: May 01 01:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	613229	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	604137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212503	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	305134	59.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 118.90%			
7) Chloroethane-d5	1.68	69	230583	58.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.28%			
11) 1,1-Dichloroethene-d2	2.27	63	451129	44.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.28%			
21) 2-Butanone-d5	4.19	46	486309	104.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.58%			
24) Chloroform-d	4.64	84	499613	53.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.30%			
26) 1,2-Dichloroethane-d4	5.31	65	342605	55.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.58%			
32) Benzene-d6	5.34	84	979745	52.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.62%			
36) 1,2-Dichloropropane-d6	6.33	67	349296	53.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.04%			
41) Toluene-d8	7.56	98	796668	49.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	7.85	79	137591	49.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.22%			
47) 2-Hexanone-d5	8.31	63	270591	95.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	430657	49.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.34%			
64) 1,2-Dichlorobenzene-d4	11.86	152	223324	49.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.94%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	16259	1.870	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3288	0.669	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3237	0.677	ug/L #	1
34) Trichloroethene	6.18	95	517313	96.080	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	5827	0.771	ug/L	88
46) Tetrachloroethene	8.22	164	8648	2.356	ug/L	86
48) 2-Hexanone	8.31	43	38771	4.941	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	31372	4.196	ug/L	94

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

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Sample : K2593-04 100X
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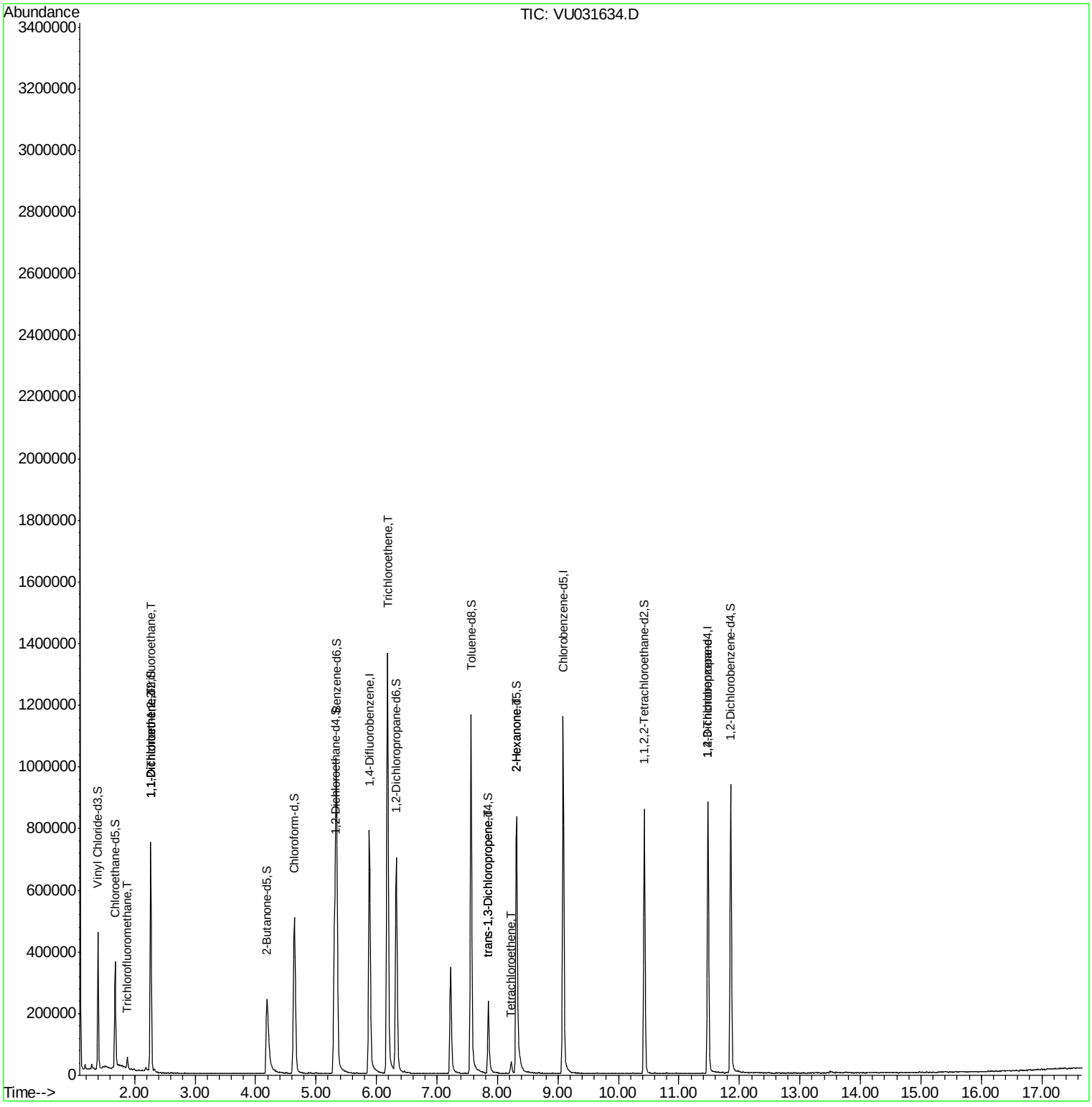
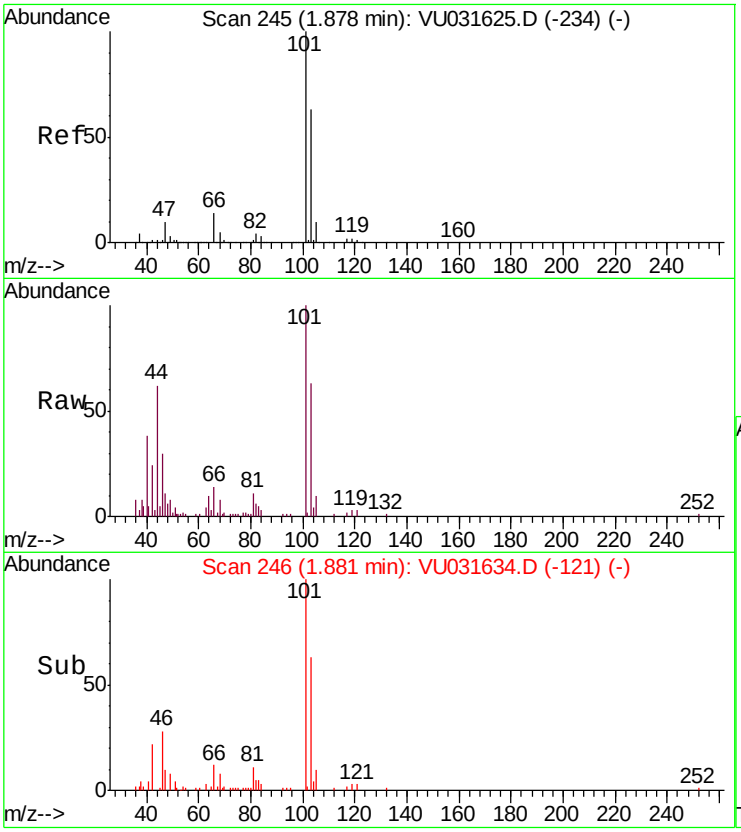
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB8

Quant Time: May 01 01:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration



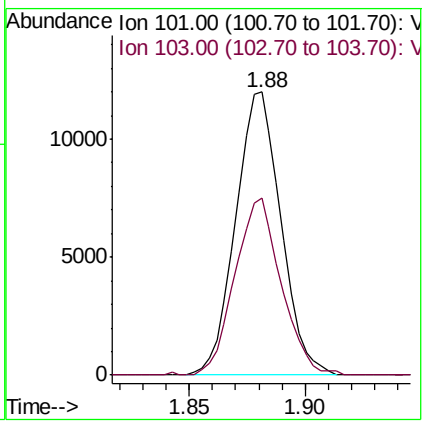


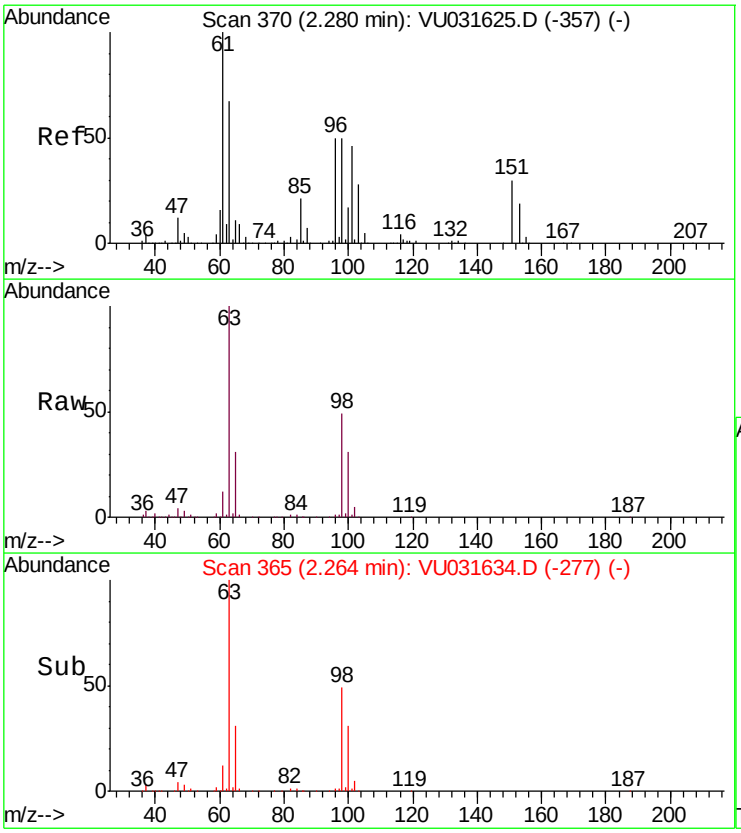
#9
Trichlorofluoromethane
Concen: 1.870 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Instrument : MSVOA_U
ClientSampleId : C0XB8

Tgt Ion:101 Resp: 16259

Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.8	76.2

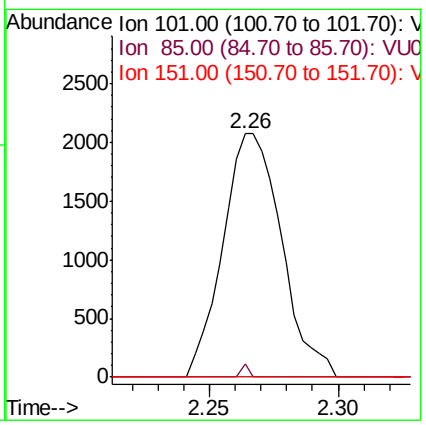


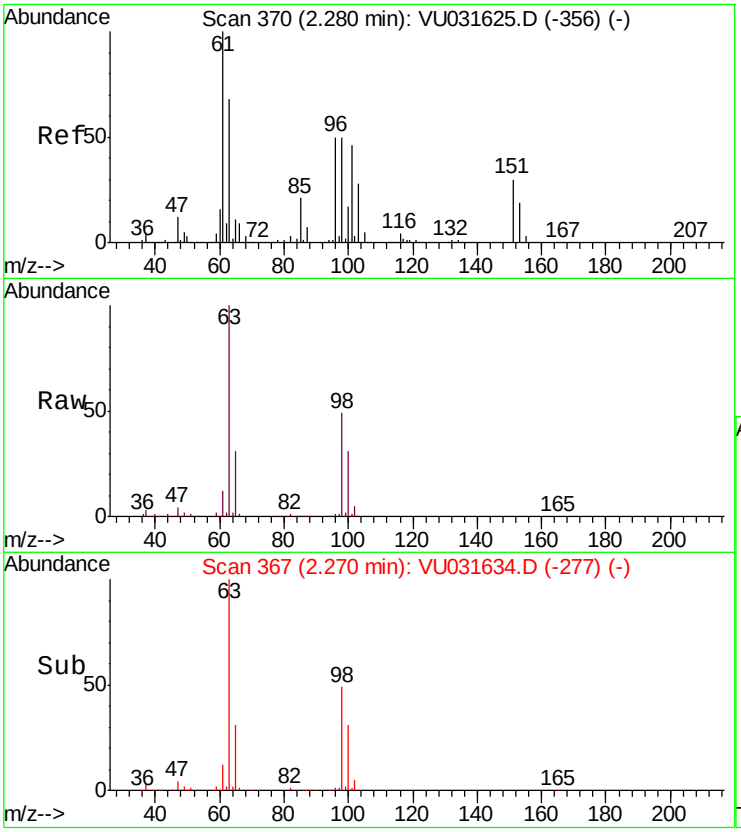


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.669 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Tgt Ion:101 Resp: 3288

Ion	Ratio	Lower	Upper
101	100		
85	1.4	36.1	54.1#
151	0.0	56.1	84.1#



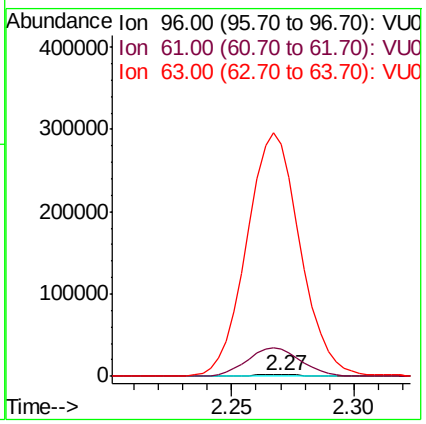


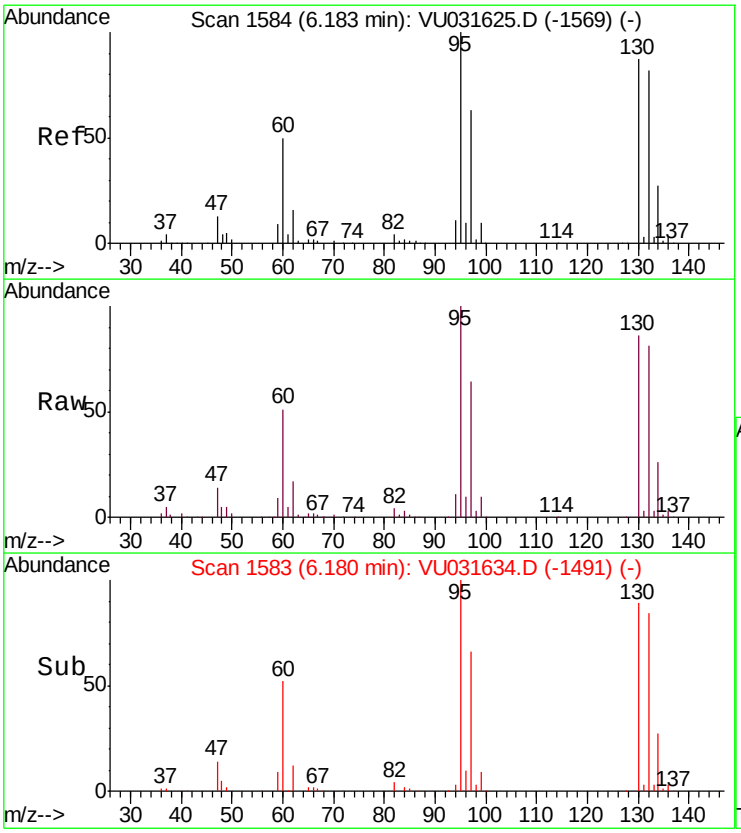
#12
1,1-Dichloroethene
Concen: 0.677 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Instrument : MSVOA_U
ClientSampleId : C0XB8

Tgt Ion: 96 Resp: 3237

Ion	Ratio	Lower	Upper
96	100		
61	1831.1	135.0	250.6#
63	15401.9	103.5	192.3#

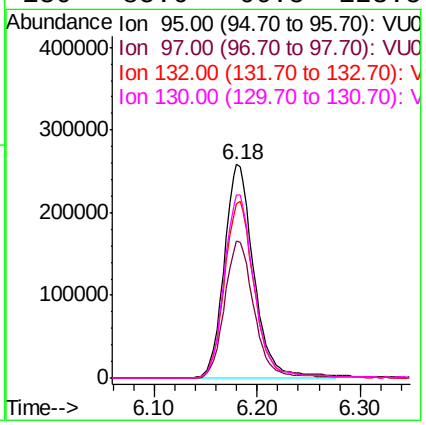


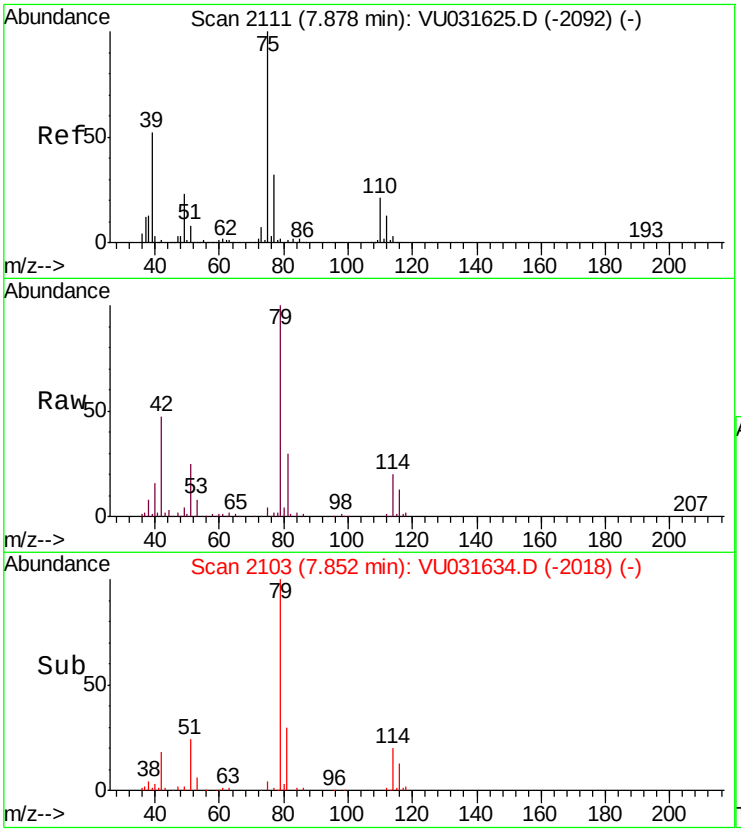


#34
Trichloroethene
Concen: 96.080 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Tgt Ion: 95 Resp: 517313

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.8	83.2
132	81.5	63.1	117.1
130	85.6	66.5	123.5



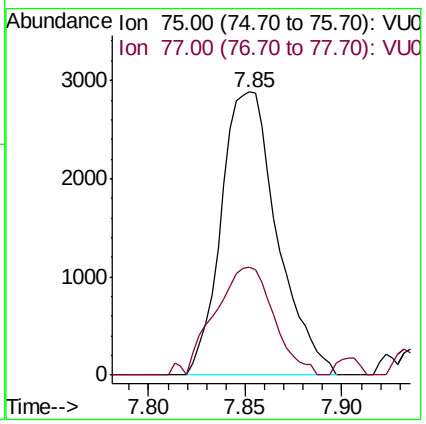


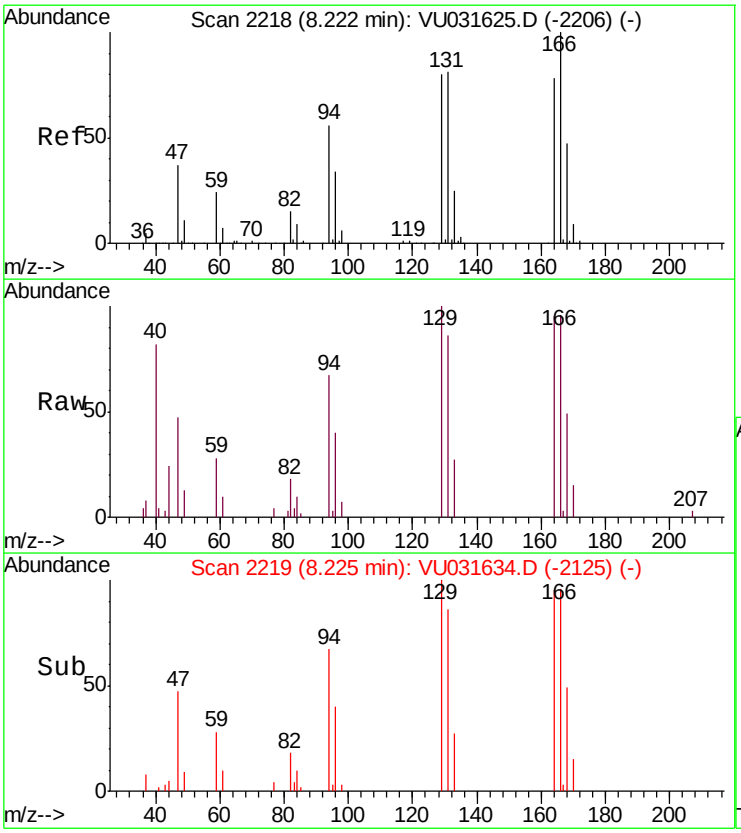
#44
trans-1,3-Dichloropropene
Concen: 0.771 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Instrument : MSVOA_U
ClientSampleId : C0XB8

Tgt Ion: 75 Resp: 5827

Ion	Ratio	Lower	Upper
75	100		
77	38.2	22.1	41.1

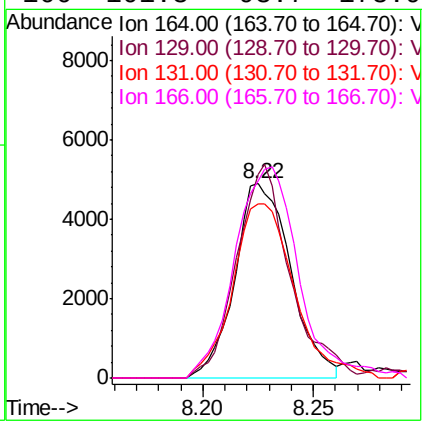


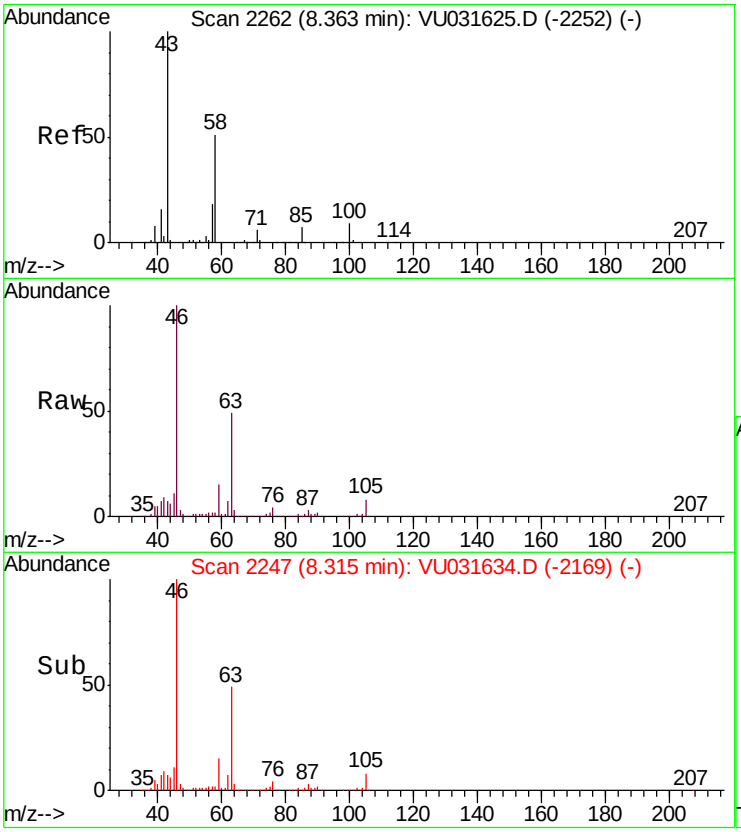


#46
Tetrachloroethene
Concen: 2.356 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Tgt Ion:164 Resp: 8648

Ion	Ratio	Lower	Upper
164	100		
129	105.1	71.5	132.9
131	89.9	69.0	128.2
166	101.3	93.7	173.9



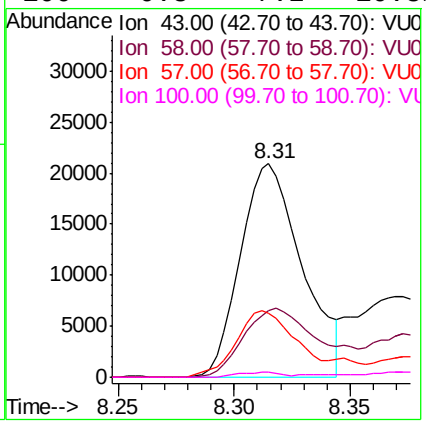


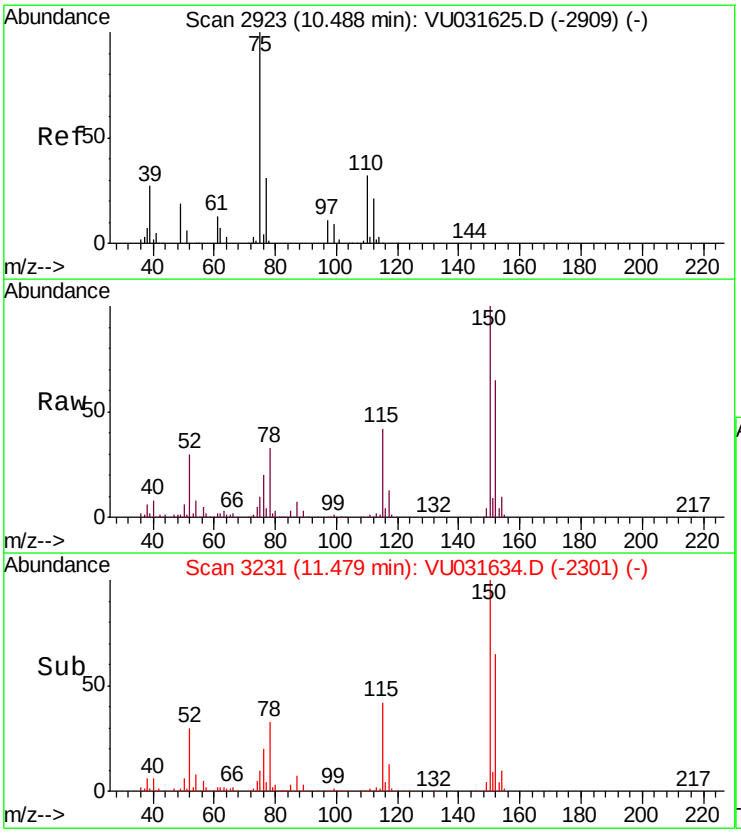
#48
2-Hexanone
Concen: 4.941 ug/L
RT: 8.31 min Scan# 2247
Delta R.T. -0.05 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Instrument : MSVOA_U
ClientSampleId : C0XB8

Tgt Ion: 43 Resp: 38771

Ion	Ratio	Lower	Upper
43	100		
58	40.7	42.1	63.1#
57	30.6	14.6	22.0#
100	0.8	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 4.196 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Tgt Ion: 75 Resp: 31372

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.9	38.9