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

Quantitation Report (Not Reviewed)

Data File : VU031652.D
Acq On : 30 Apr 2019 22:19
Operator : JC/SP
Sample : K2593-19 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XG5

Quant Time: May 01 01:45:27 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	695175	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	661118	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230212	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	304437	52.33	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.66%				
7) Chloroethane-d5	1.68	69	220180	48.97	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.94%				
11) 1,1-Dichloroethene-d2	2.27	63	453656	39.15	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.30%				
21) 2-Butanone-d5	4.19	46	517045	98.08	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.08%				
24) Chloroform-d	4.64	84	516998	48.52	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.04%				
26) 1,2-Dichloroethane-d4	5.31	65	361437	51.92	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.84%				
32) Benzene-d6	5.33	84	1000956	49.31	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.62%				
36) 1,2-Dichloropropane-d6	6.33	67	360577	50.48	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.96%				
41) Toluene-d8	7.56	98	811954	45.92	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.84%				
43) trans-1,3-Dichloropropene-	7.85	79	134583	43.90	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.80%				
47) 2-Hexanone-d5	8.31	63	287237	92.91	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.91%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	442498	46.16	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.32%				
64) 1,2-Dichlorobenzene-d4	11.86	152	237670	49.09	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.18%				
Target Compounds							Qvalue
9) Trichlorofluoromethane	1.88	101	130690	13.258	ug/L		97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3748	0.673	ug/L	#	23
12) 1,1-Dichloroethene	2.26	96	3428	0.632	ug/L	#	1
16) Methylene chloride	2.70	84	4189	0.654	ug/L		88
20) cis-1,2-Dichloroethene	4.22	96	9752	1.609	ug/L		98
34) Trichloroethene	6.18	95	9777805	1659.502	ug/L		94
42) Toluene	7.64	91	46593	1.924	ug/L		98
44) trans-1,3-Dichloropropene	7.85	75	6209	0.751	ug/L		94
46) Tetrachloroethene	8.22	164	100769	25.087	ug/L		96
48) 2-Hexanone	8.31	43	43416	5.056	ug/L	#	77
53) m,p-Xylene	9.38	106	3649	0.417	ug/L		74
59) 1,2,3-Trichloropropane	11.48	75	33799	4.131	ug/L		89

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

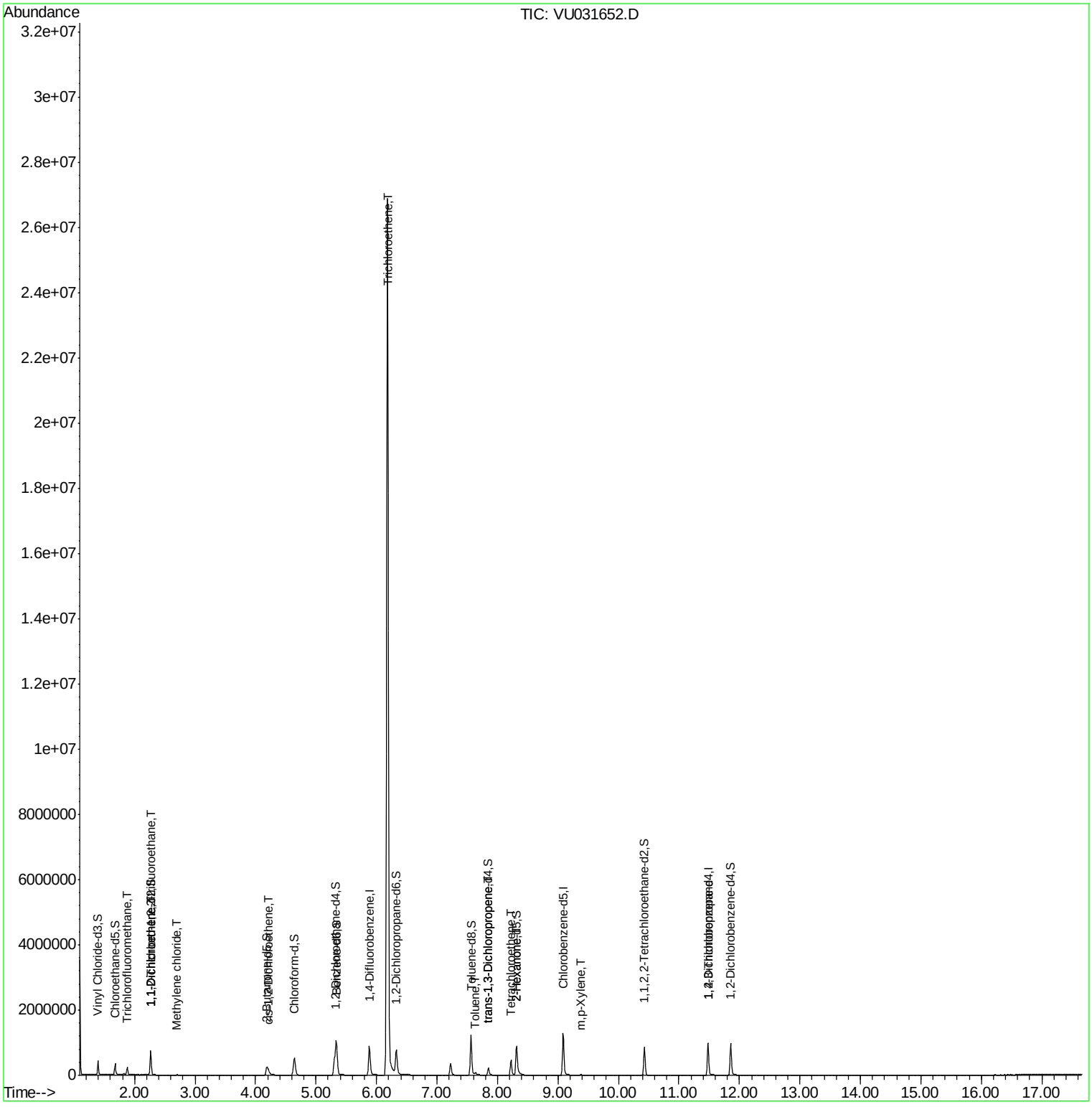
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

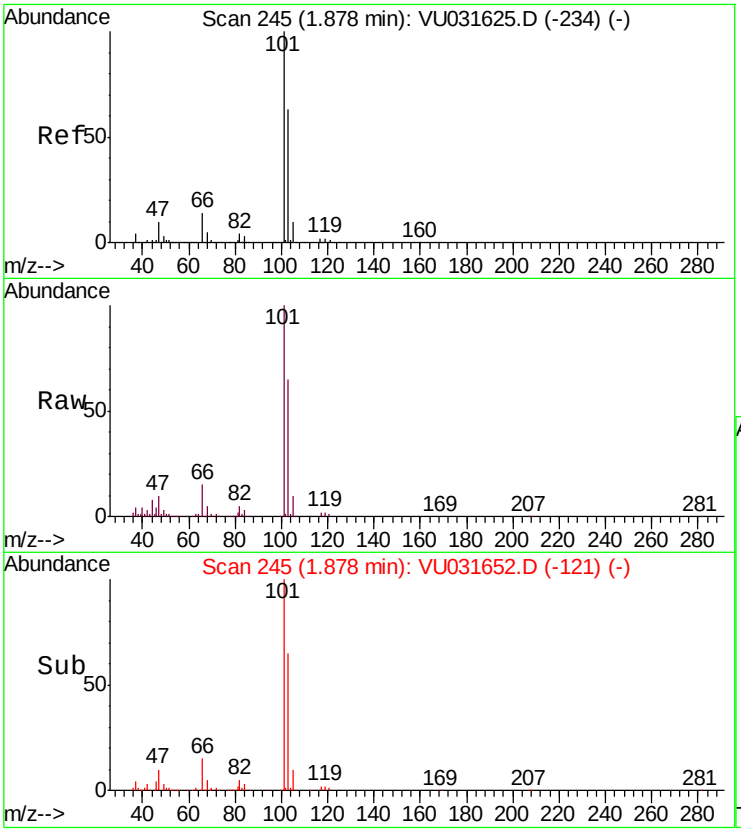
Quantitation Report (Not Reviewed)

Data File : VU031652.D
Acq On : 30 Apr 2019 22:19
Operator : JC/SP
Sample : K2593-19 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG5

Quant Time: May 01 01:45:27 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



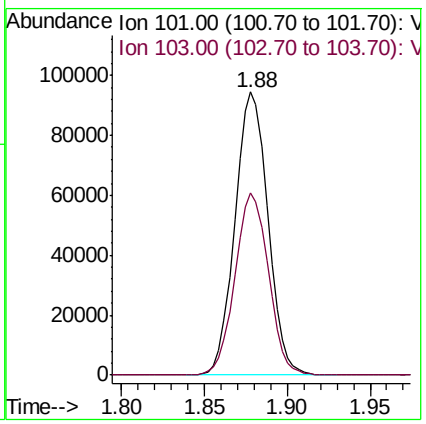


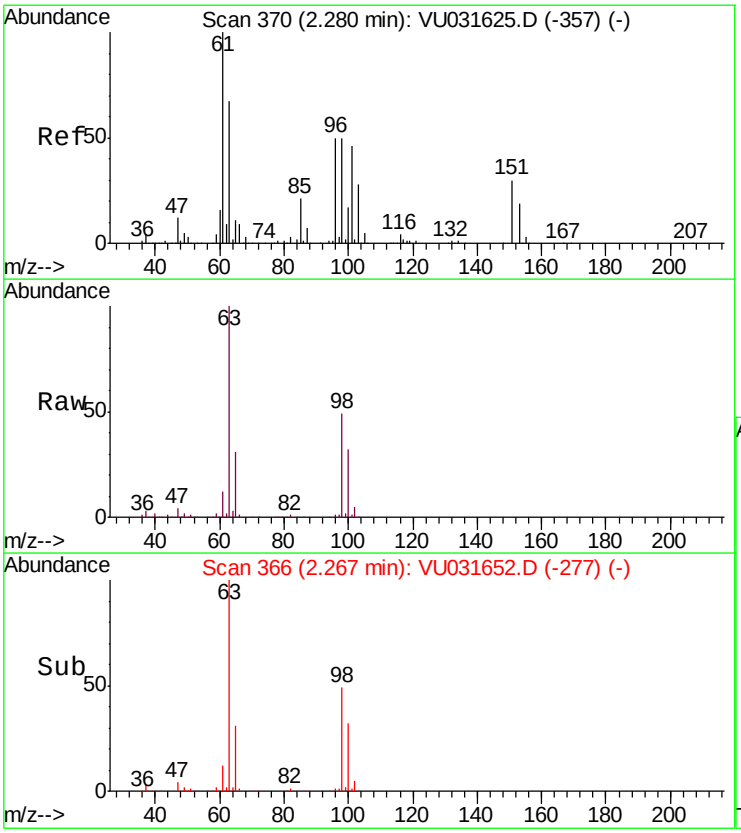
#9
Trichlorofluoromethane
Concen: 13.258 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Instrument :
MSVOA_U
ClientSampleId :
C0XG5

Tgt Ion:101 Resp: 130690

Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.8	76.2

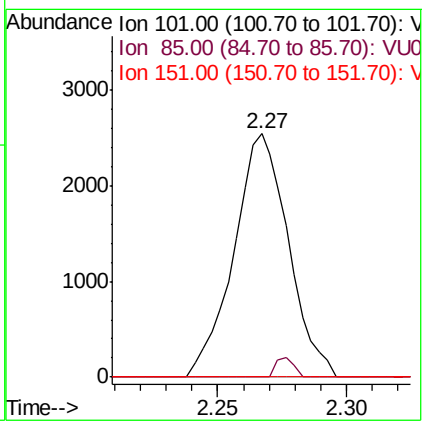


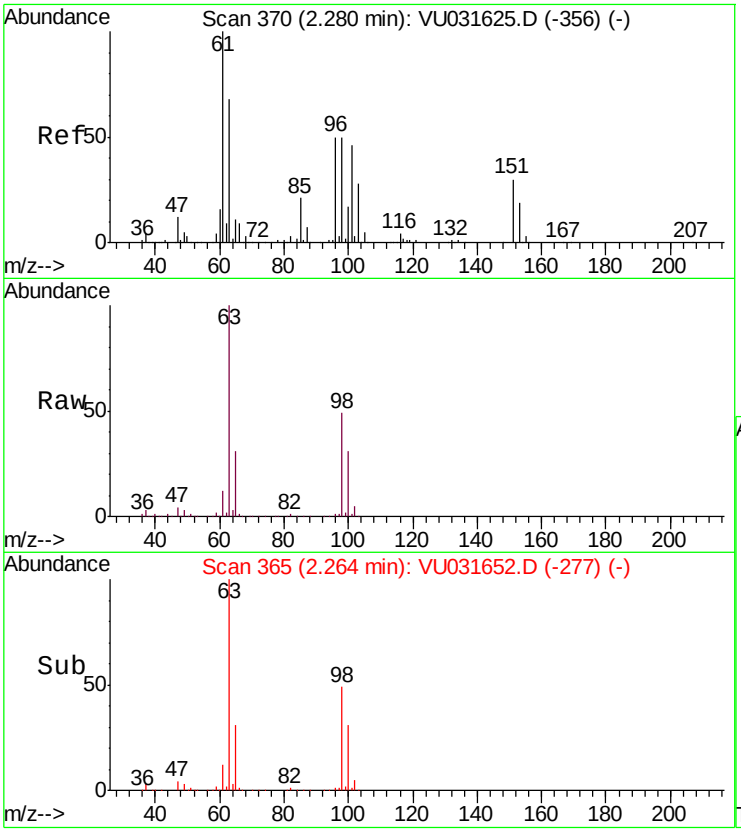


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.673 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Tgt Ion:101 Resp: 3748

Ion	Ratio	Lower	Upper
101	100		
85	2.6	36.1	54.1#
151	0.0	56.1	84.1#



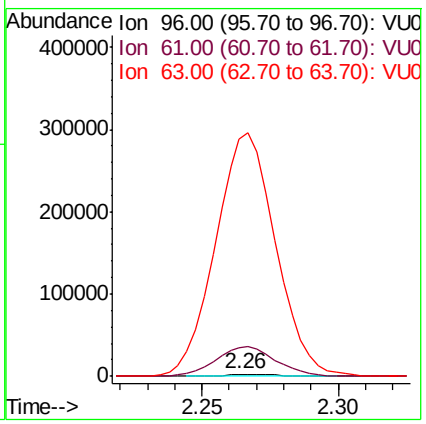


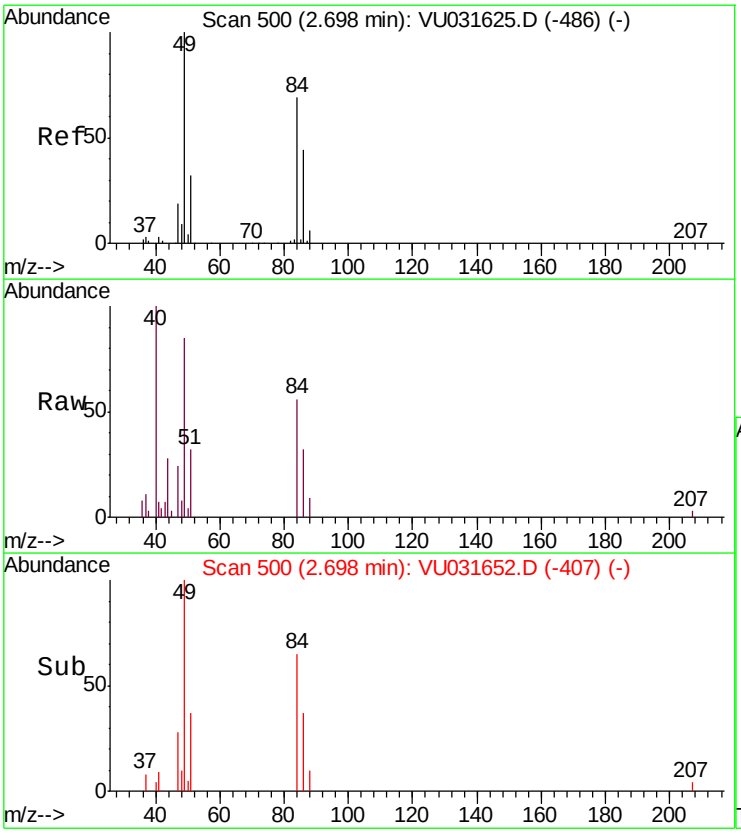
#12
1,1-Dichloroethene
Concen: 0.632 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Instrument : MSVOA_U
ClientSampleId : C0XG5

Tgt Ion: 96 Resp: 3428

Ion	Ratio	Lower	Upper
96	100		
61	1498.1	135.0	250.6#
63	12317.3	103.5	192.3#

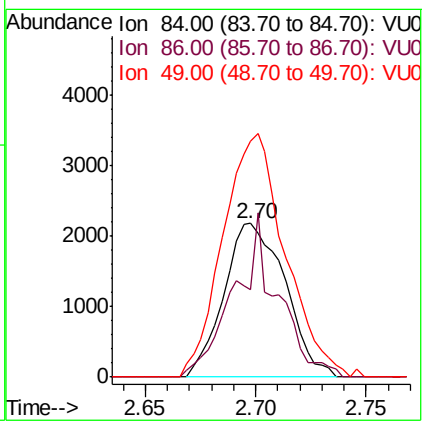


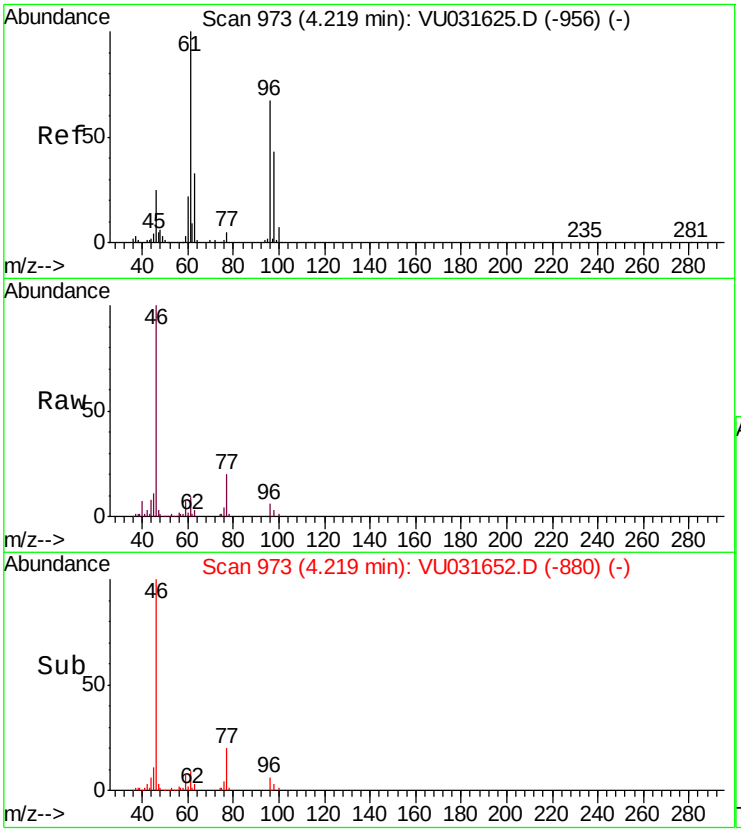


#16
Methylene chloride
Concen: 0.654 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Tgt Ion: 84 Resp: 4189

Ion	Ratio	Lower	Upper
84	100		
86	56.7	44.7	83.1
49	153.2	96.5	179.3



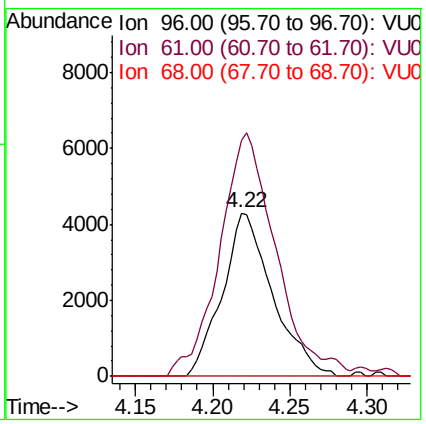


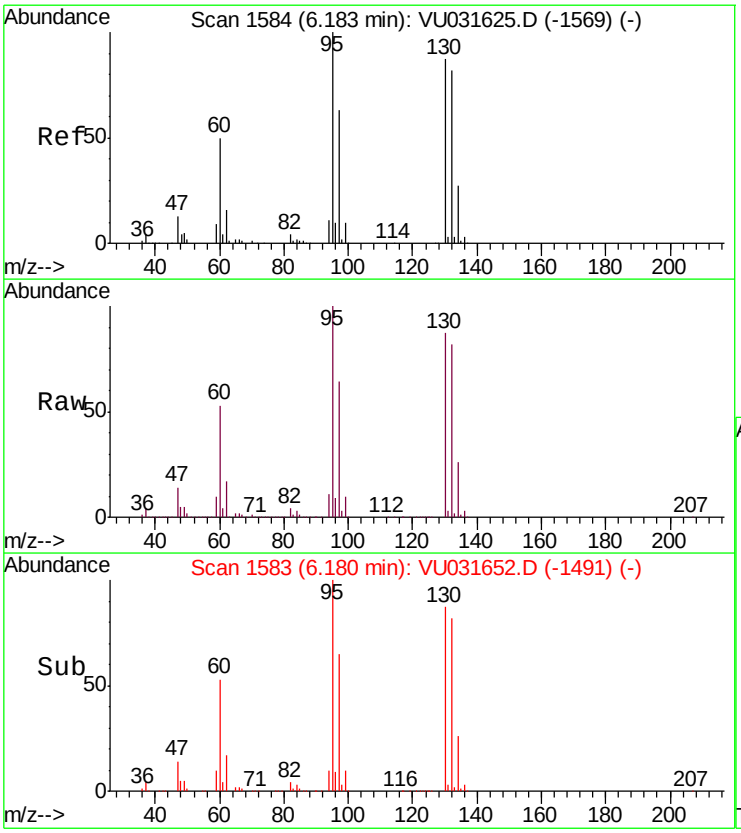
#20
cis-1,2-Dichloroethene
Concen: 1.609 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Instrument :
MSVOA_U
ClientSampleId :
C0XG5

Tgt Ion: 96 Resp: 9752

Ion	Ratio	Lower	Upper
96	100		
61	144.5	99.5	184.7
68	0.0	0.0	0.0

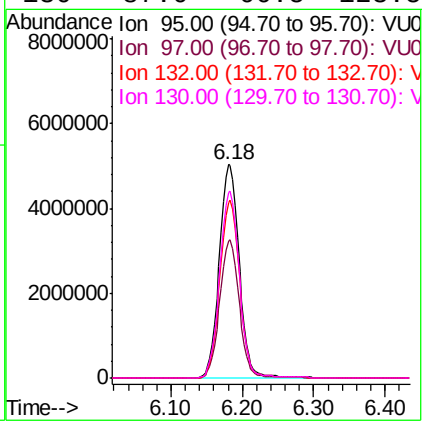


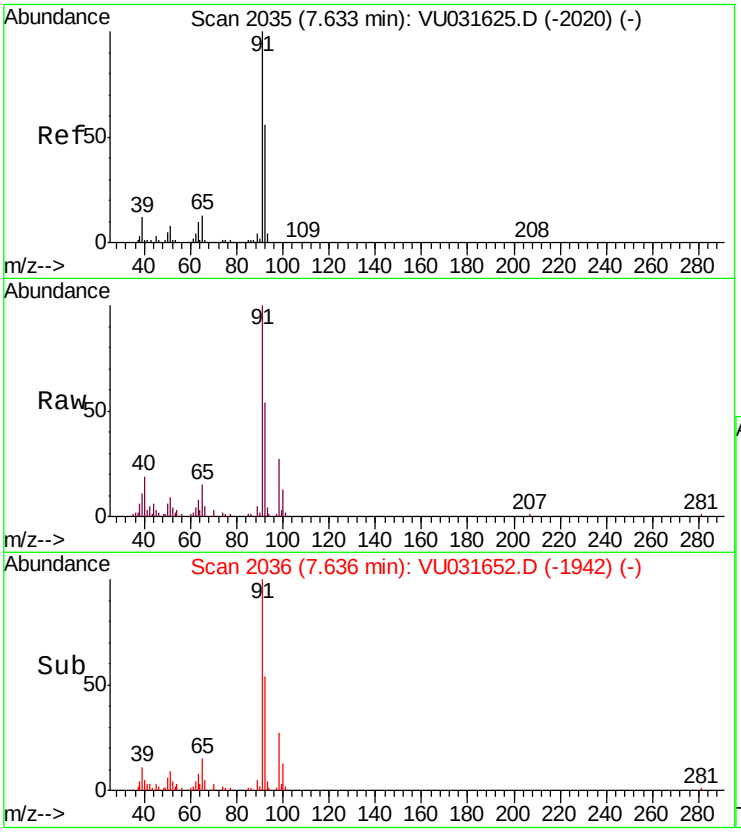


#34
Trichloroethene
Concen: 1659.502 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Tgt Ion: 95 Resp: 9777805

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.8	83.2
132	82.3	63.1	117.1
130	87.0	66.5	123.5



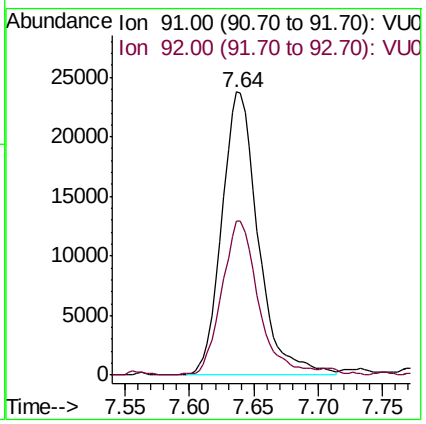


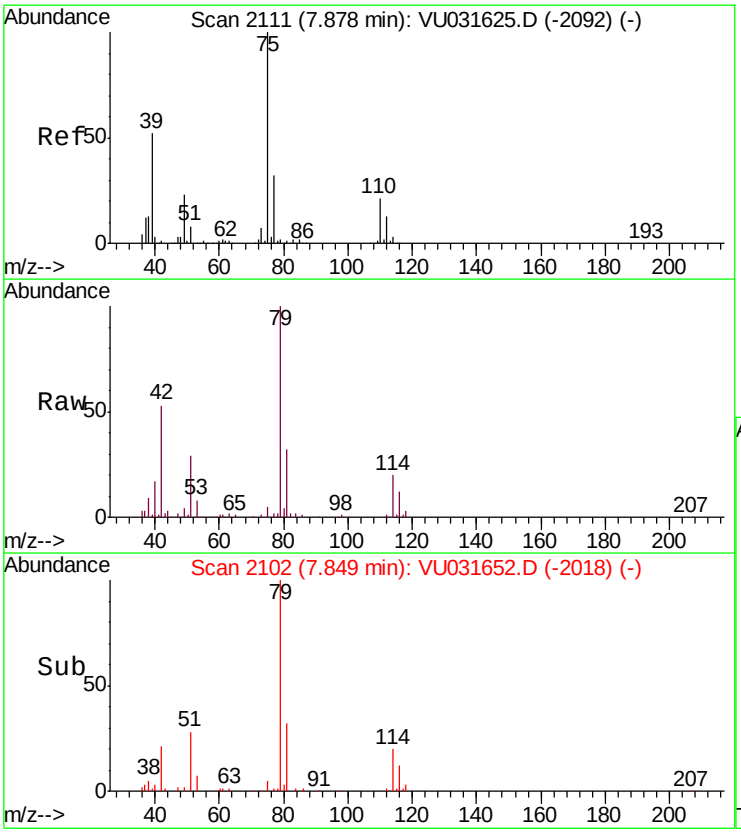
#42
Toluene
Concen: 1.924 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Instrument : MSVOA_U
ClientSampleId : C0XG5

Tgt Ion: 91 Resp: 46593

Ion	Ratio	Lower	Upper
91	100		
92	54.3	39.0	72.4

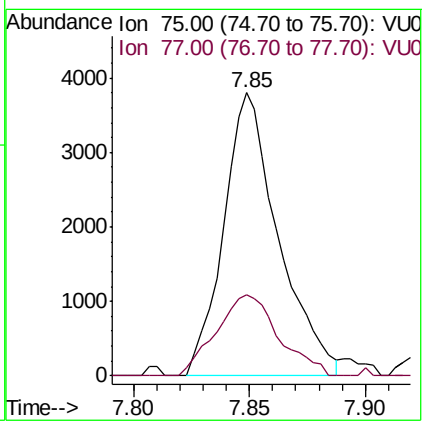


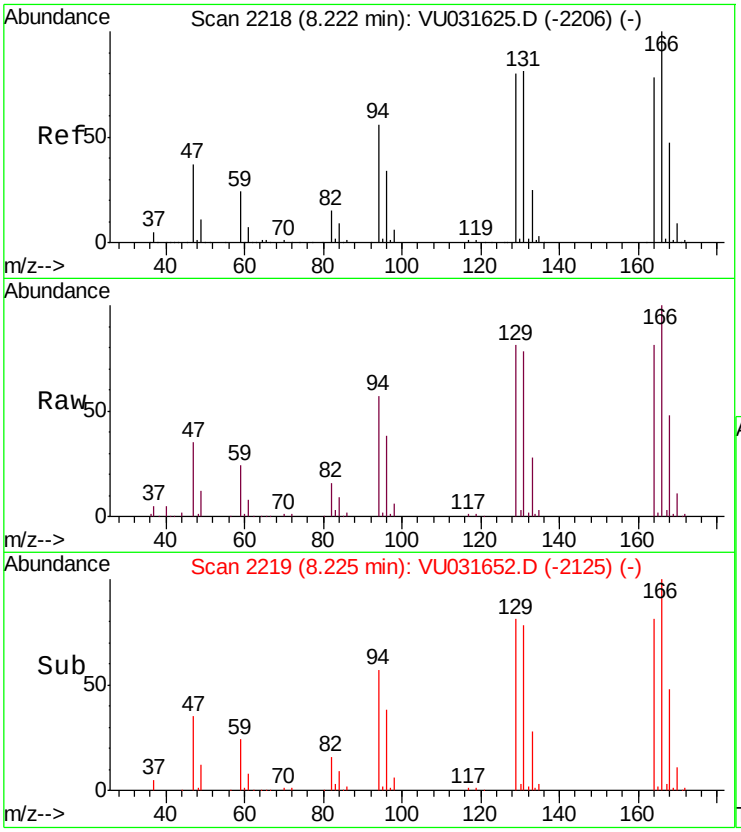


#44
trans-1,3-Dichloropropene
Concen: 0.751 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Tgt Ion: 75 Resp: 6209

Ion	Ratio	Lower	Upper
75	100		
77	28.5	22.1	41.1



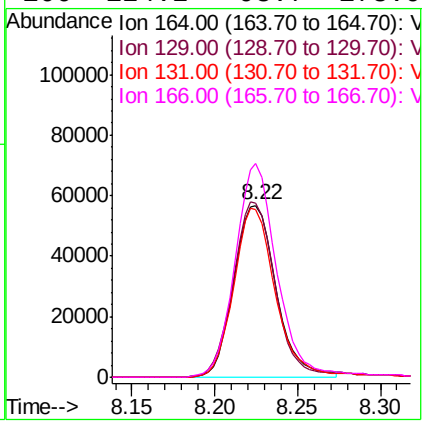


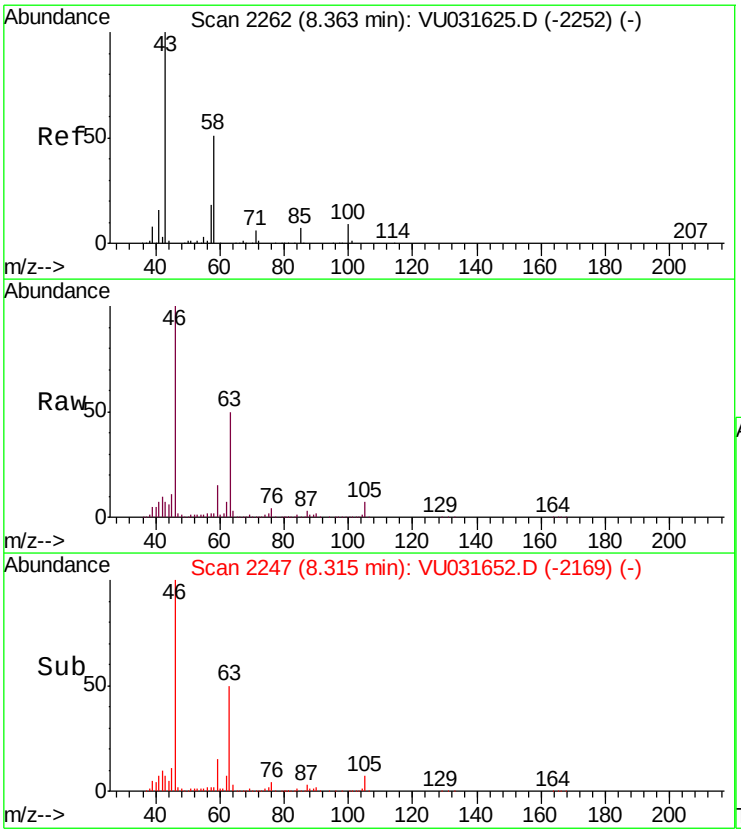
#46
Tetrachloroethene
Concen: 25.087 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Instrument : MSVOA_U
ClientSampleId : C0XG5

Tgt Ion:164 Resp: 100769

Ion	Ratio	Lower	Upper
164	100		
129	100.9	71.5	132.9
131	97.4	69.0	128.2
166	124.2	93.7	173.9

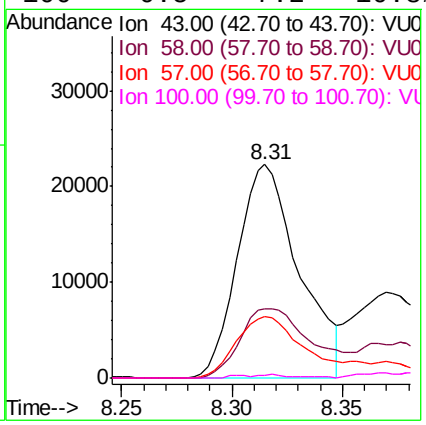


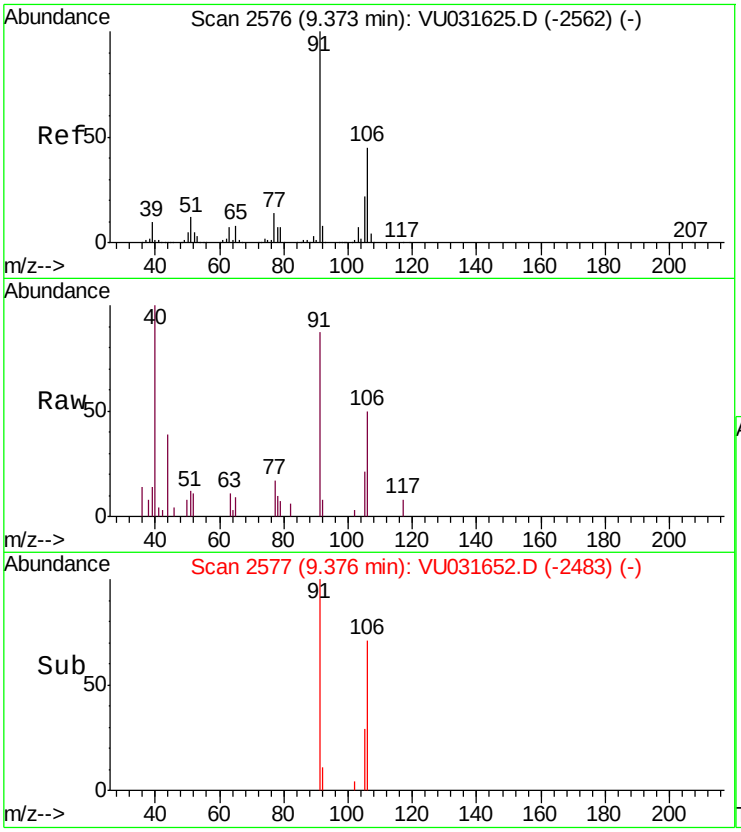


#48
2-Hexanone
Concen: 5.056 ug/L
RT: 8.31 min Scan# 2247
Delta R.T. -0.05 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Tgt Ion: 43 Resp: 43416

Ion	Ratio	Lower	Upper
43	100		
58	38.4	42.1	63.1#
57	31.1	14.6	22.0#
100	0.5	7.2	10.8#



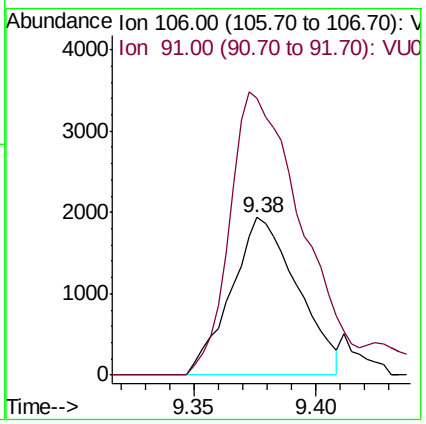


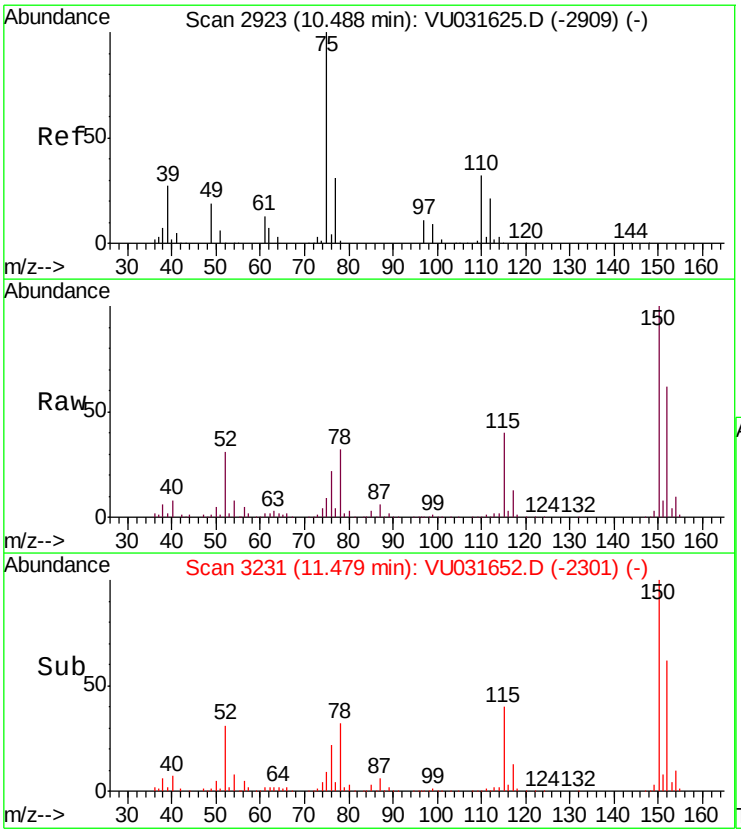
#53
m,p-Xylene
Concen: 0.417 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Instrument : MSVOA_U
ClientSampleId : C0XG5

Tgt Ion:106 Resp: 3649

Ion	Ratio	Lower	Upper
106	100		
91	175.4	152.2	282.6





#59
1,2,3-Trichloropropane
Concen: 4.131 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031652.D
Acq: 30 Apr 2019 22:19

Tgt Ion: 75 Resp: 33799

Ion	Ratio	Lower	Upper
75	100		
77	38.8	25.9	38.9