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

Quantitation Report (Not Reviewed)

Data File : VU031649.D
Acq On : 30 Apr 2019 21:09
Operator : JC/SP
Sample : K2593-16 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB6

Quant Time: May 01 01:45:01 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	684534	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	652641	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222144	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	297779	51.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.96%			
7) Chloroethane-d5	1.68	69	220832	49.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.76%			
11) 1,1-Dichloroethene-d2	2.26	63	443899	38.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.82%			
21) 2-Butanone-d5	4.19	46	508243	97.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.91%			
24) Chloroform-d	4.64	84	510385	48.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.28%			
26) 1,2-Dichloroethane-d4	5.31	65	354315	51.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.38%			
32) Benzene-d6	5.33	84	978014	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.32	67	357961	50.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.54%			
41) Toluene-d8	7.56	98	766932	43.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.88%			
43) trans-1,3-Dichloropropene-	7.85	79	136985	45.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.52%			
47) 2-Hexanone-d5	8.31	63	286074	93.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	447355	47.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	223674	47.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.76%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	90997	9.375	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3176	0.579	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3624	0.679	ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	6275	1.051	ug/L	90
34) Trichloroethene	6.18	95	6127815	1053.529	ug/L	93
42) Toluene	7.64	91	20329	0.851	ug/L	96
44) trans-1,3-Dichloropropene	7.86	75	5534	0.678	ug/L	88
46) Tetrachloroethene	8.22	164	36751	9.268	ug/L	91
48) 2-Hexanone	8.37	43	18204	2.148	ug/L #	50
59) 1,2,3-Trichloropropane	11.48	75	33798	4.185	ug/L	95

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

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

Quantitation Report (Not Reviewed)

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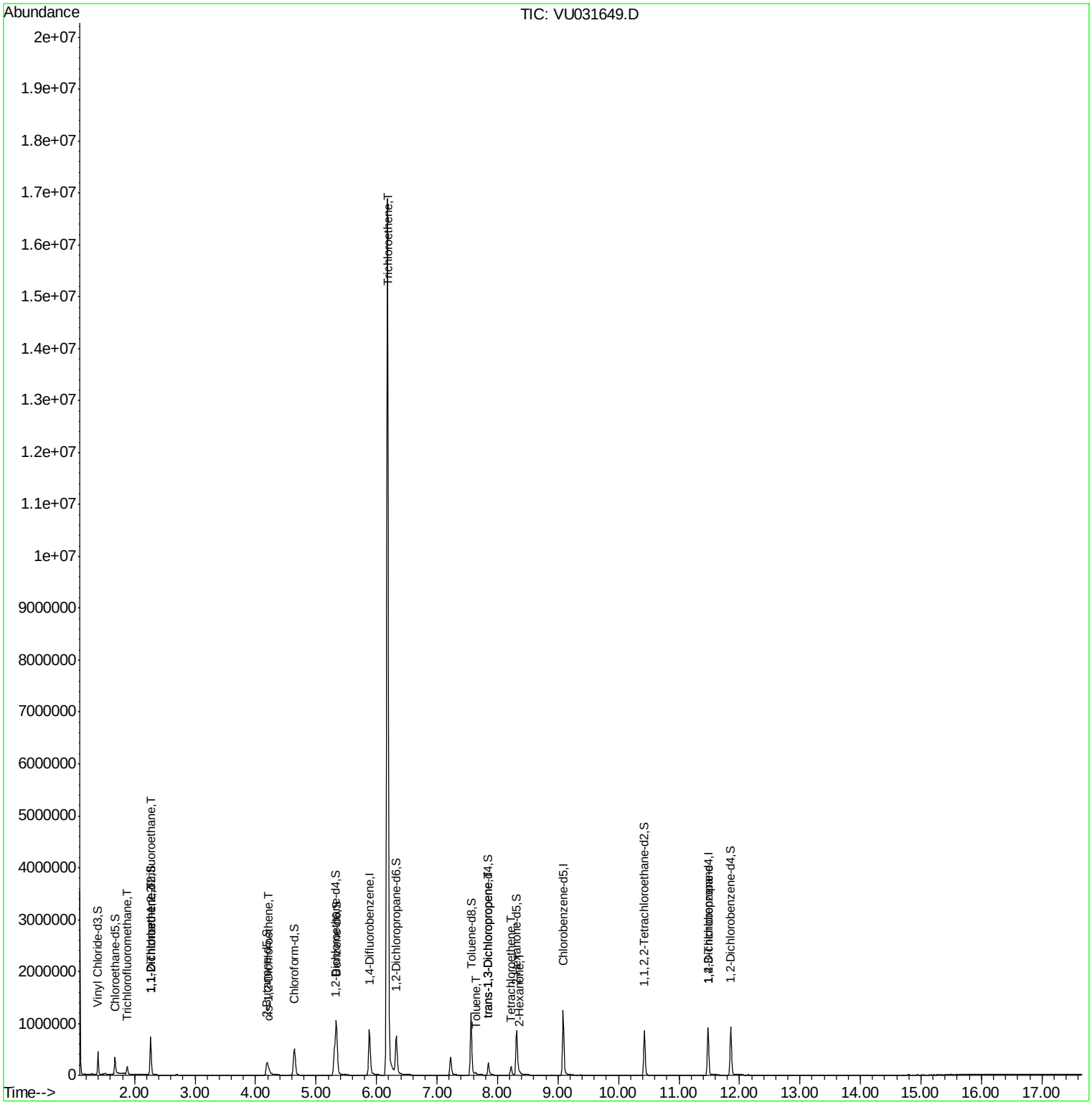
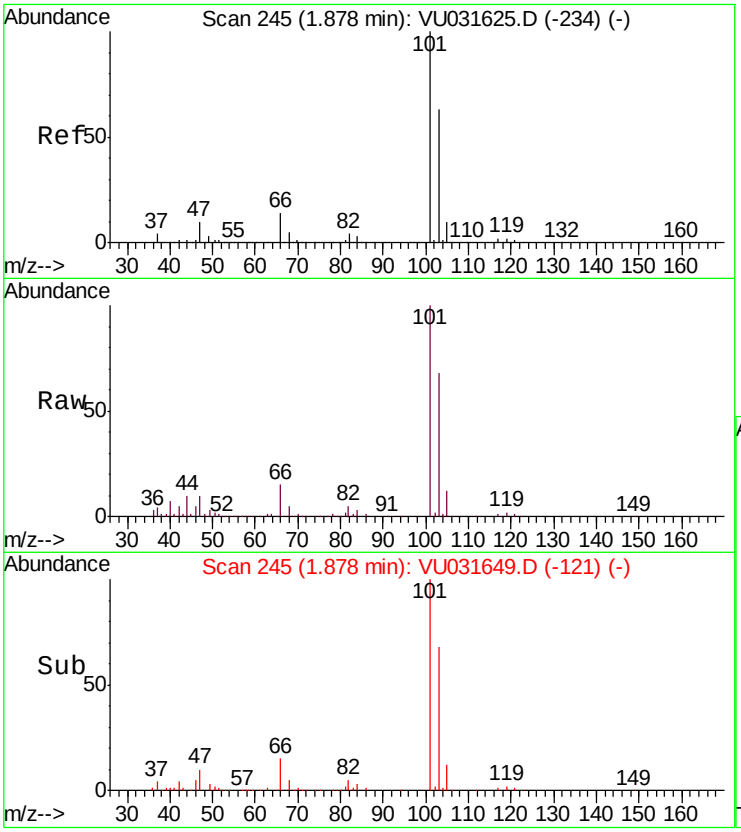
Acq On : 30 Apr 2019 21:09
Operator : JC/SP
Sample : K2593-16 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB6

Quant Time: May 01 01:45:01 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



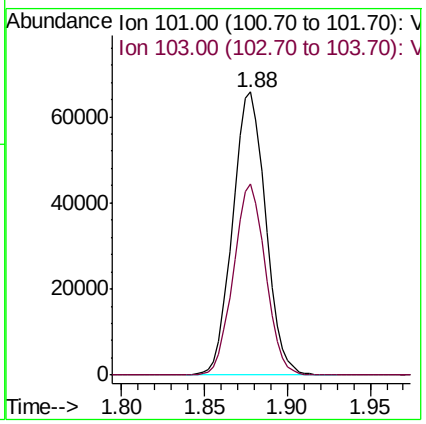


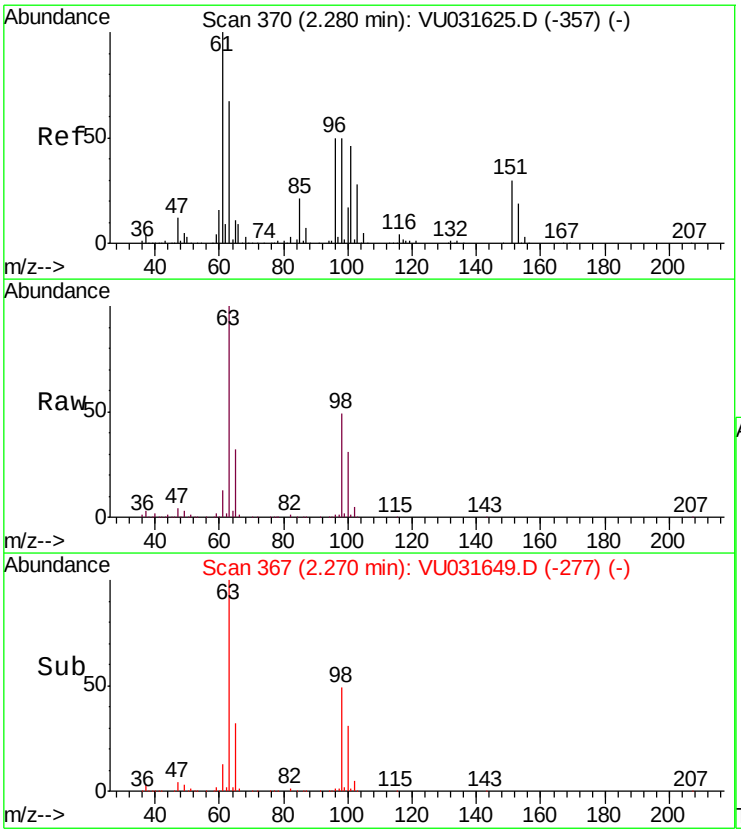
#9
Trichlorofluoromethane
Concen: 9.375 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Instrument :
MSVOA_U
ClientSampleId :
C0XB6

Tgt Ion:101 Resp: 90997

Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.8	76.2

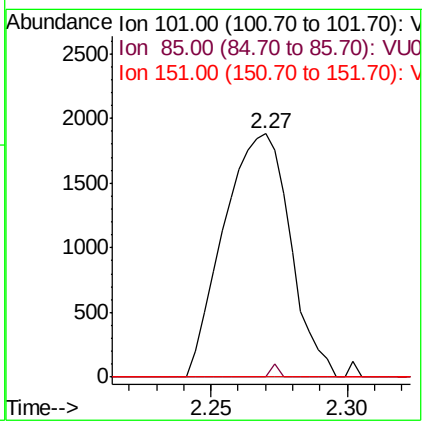


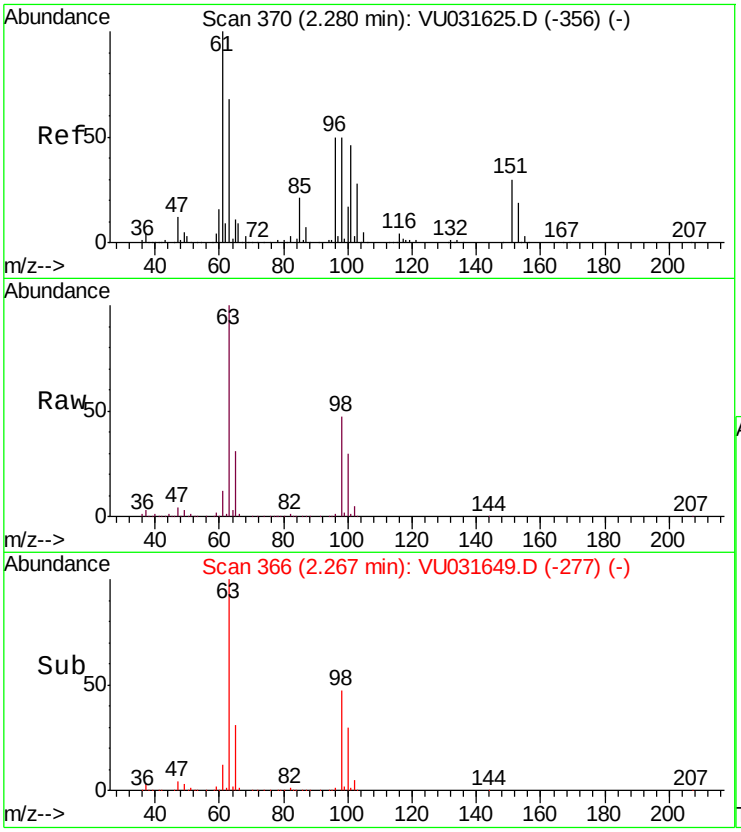


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.579 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Tgt Ion:101 Resp: 3176

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



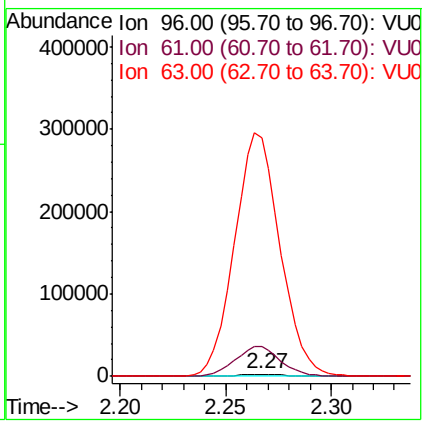


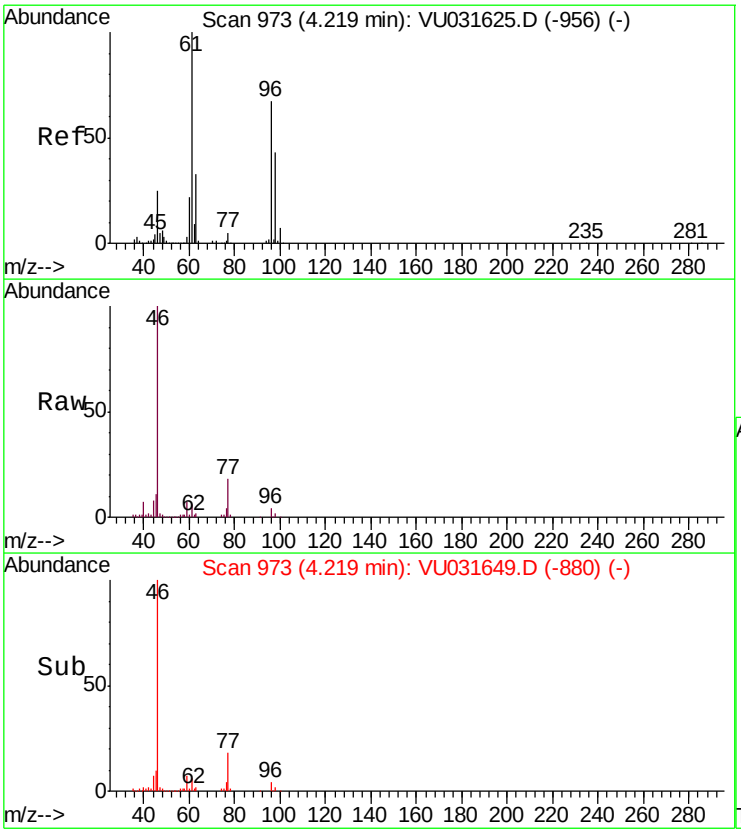
#12
1,1-Dichloroethene
Concen: 0.679 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Instrument : MSVOA_U
ClientSampleId : C0XB6

Tgt Ion: 96 Resp: 3624

Ion	Ratio	Lower	Upper
96	100		
61	1722.4	135.0	250.6#
63	13896.4	103.5	192.3#

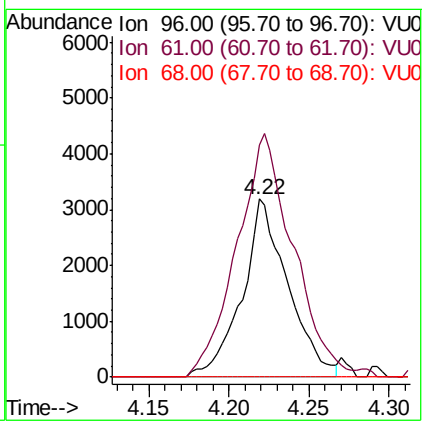


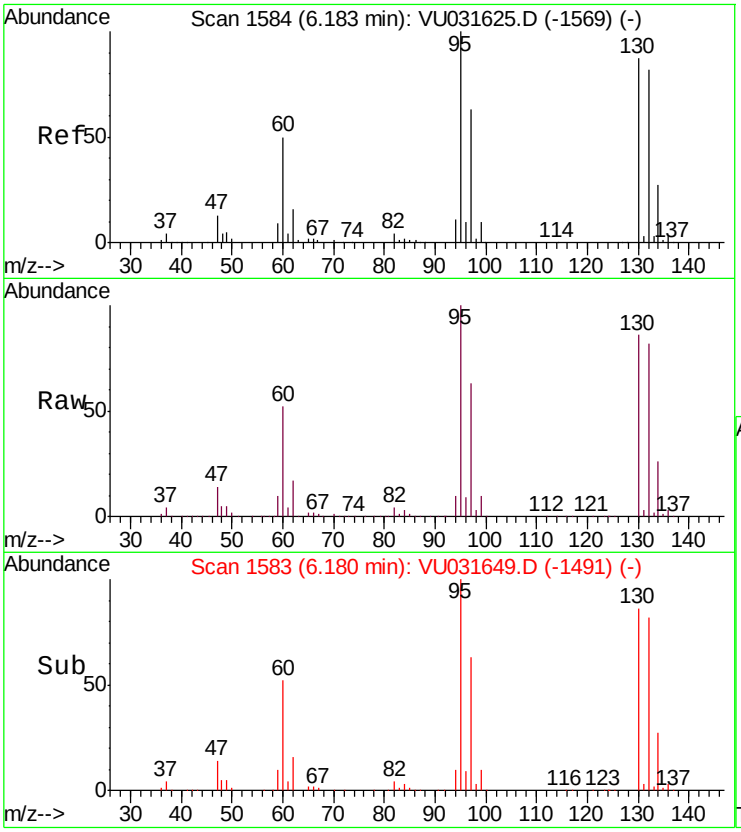


#20
cis-1,2-Dichloroethene
Concen: 1.051 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Tgt Ion: 96 Resp: 6275

Ion	Ratio	Lower	Upper
96	100		
61	130.3	99.5	184.7
68	0.0	0.0	0.0



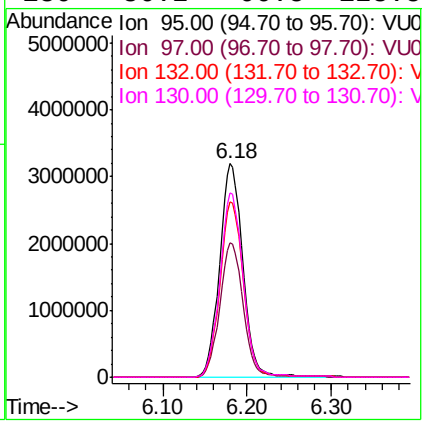


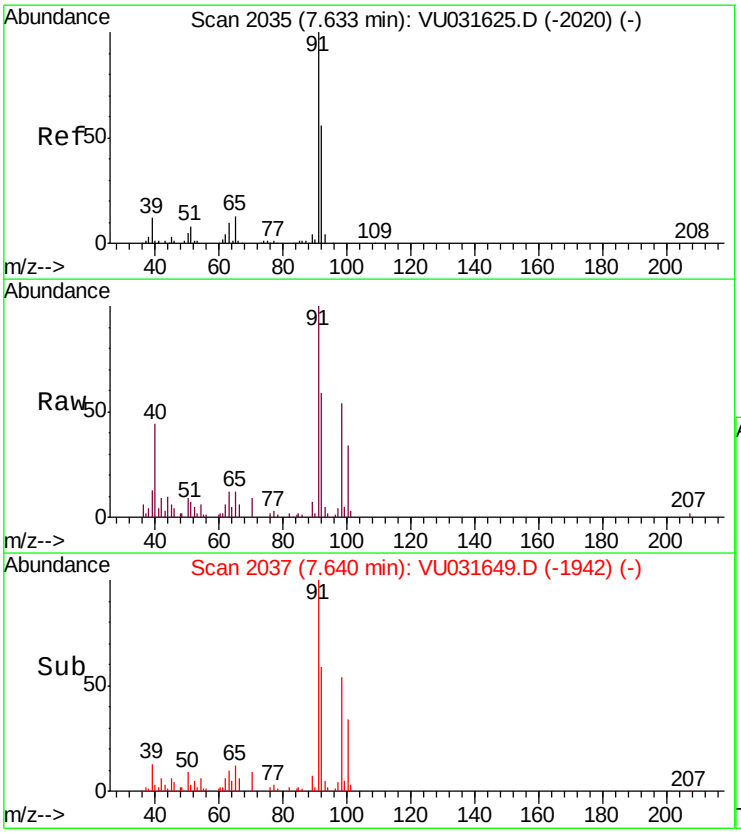
#34
Trichloroethene
Concen: 1053.529 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Instrument :
MSVOA_U
ClientSampleId :
C0XB6

Tgt Ion: 95 Resp: 6127815

Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.8	83.2
132	82.0	63.1	117.1
130	86.2	66.5	123.5

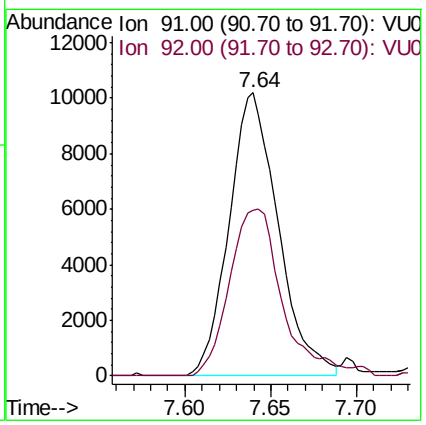


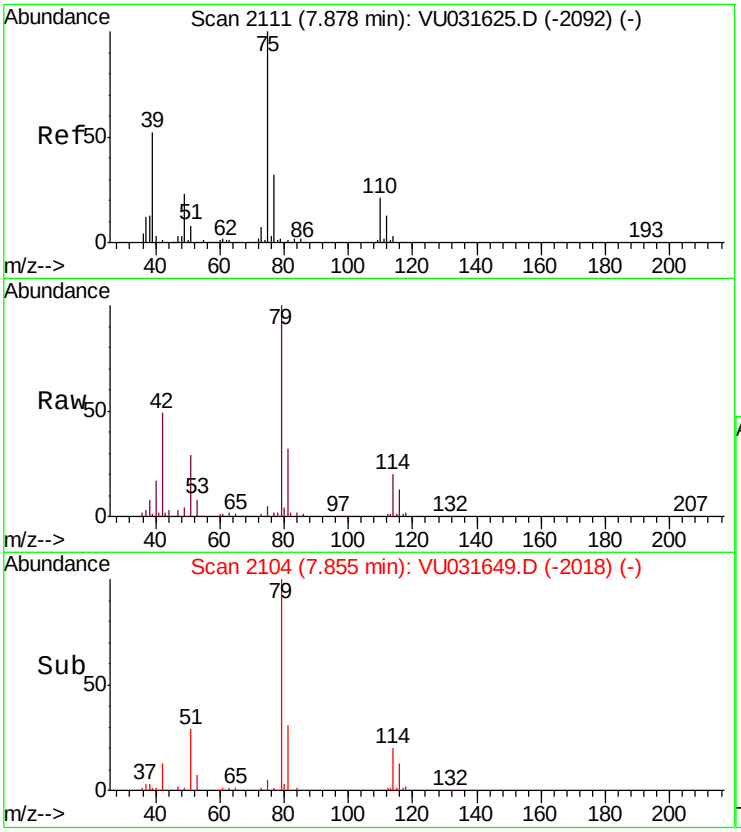


#42
Toluene
Concen: 0.851 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Tgt Ion: 91 Resp: 20329

Ion	Ratio	Lower	Upper
91	100		
92	58.6	39.0	72.4



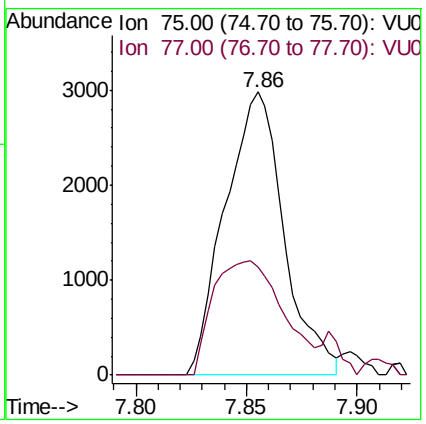


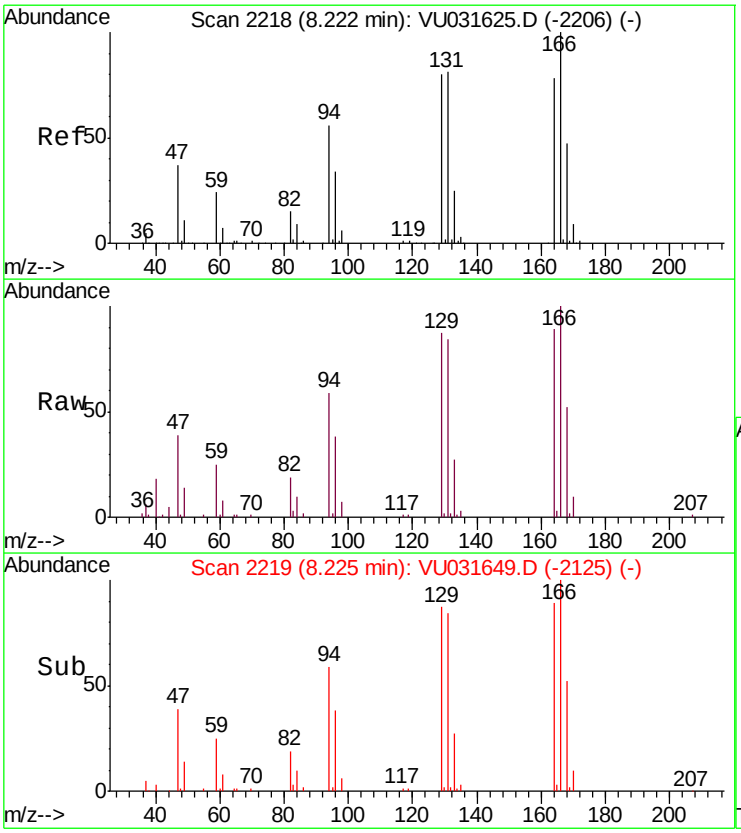
#44
trans-1,3-Dichloropropene
Concen: 0.678 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Instrument :
MSVOA_U
ClientSampleId :
C0XB6

Tgt Ion: 75 Resp: 5534

Ion	Ratio	Lower	Upper
75	100		
77	38.3	22.1	41.1

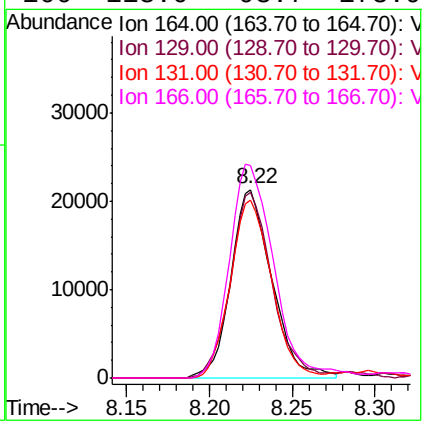


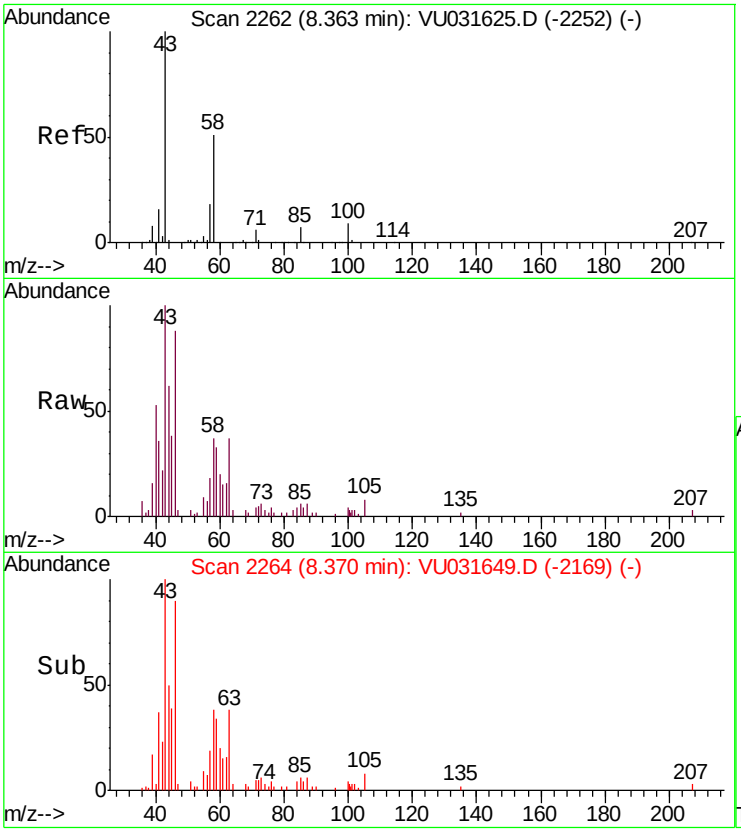


#46
Tetrachloroethene
Concen: 9.268 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Tgt Ion:164 Resp: 36751

Ion	Ratio	Lower	Upper
164	100		
129	98.3	71.5	132.9
131	94.3	69.0	128.2
166	113.0	93.7	173.9



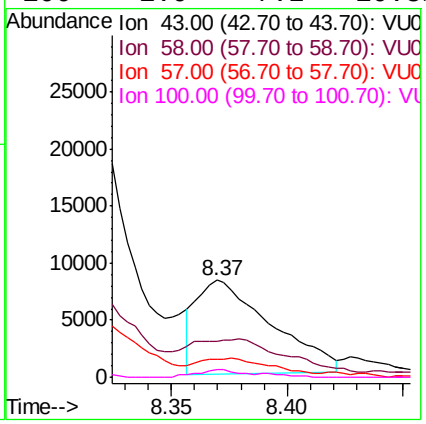


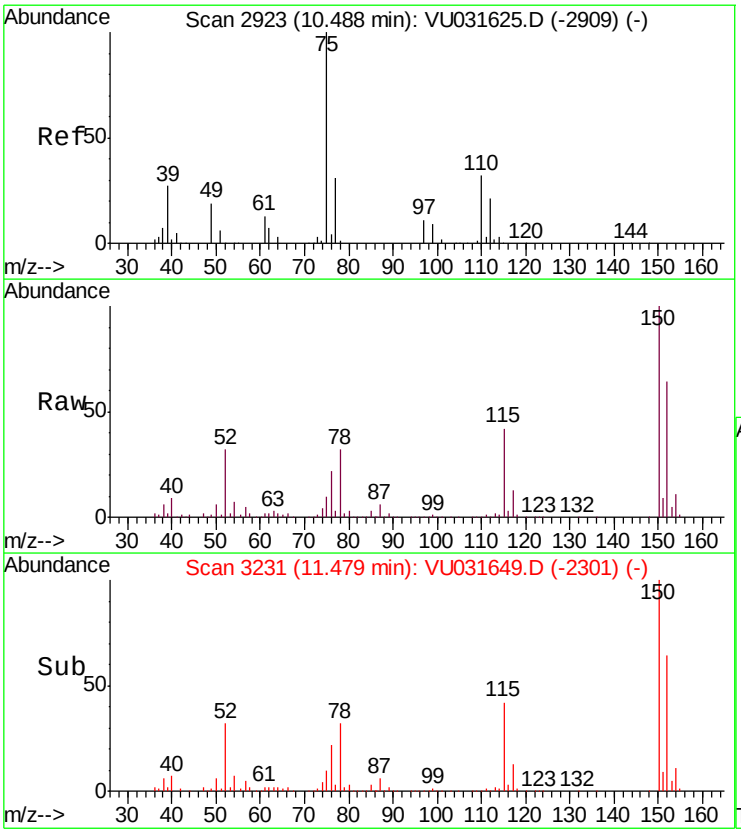
#48
2-Hexanone
Concen: 2.148 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Instrument : MSVOA_U
ClientSampleId : C0XB6

Tgt Ion: 43 Resp: 18204

Ion	Ratio	Lower	Upper
43	100		
58	2.8	42.1	63.1#
57	21.4	14.6	22.0
100	1.9	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 4.185 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031649.D
Acq: 30 Apr 2019 21:09

Tgt Ion: 75 Resp: 33798

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.9	38.9