Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
Data File : VU031164.D
Acq On : 13 Apr 2019 18:13
Operator : JC/SP
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

Quant Time: Apr 13 22:31:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	446262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	435935	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	184443	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	186951	46.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.86%			
7) Chloroethane-d5	1.68	69	149404	49.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.82%			
11) 1,1-Dichloroethene-d2	2.26	63	260034	36.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.18%			
21) 2-Butanone-d5	4.17	46	324926	102.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.91%			
24) Chloroform-d	4.64	84	303318	49.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.68%			
26) 1,2-Dichloroethane-d4	5.30	65	208522	50.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.44%			
32) Benzene-d6	5.33	84	614940	48.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.64%			
36) 1,2-Dichloropropane-d6	6.32	67	205860	47.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.40%			
41) Toluene-d8	7.56	98	519762	46.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.16%			
43) trans-1,3-Dichloropropene-	7.85	79	89814	45.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.32%			
47) 2-Hexanone-d5	8.31	63	195579	98.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289846	49.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	197642	54.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.98%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2124	0.665	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	1855	0.601	ug/L #	1
13) Acetone	2.32	43	8725	2.701	ug/L	96
25) Chloroform	4.67	83	11283	1.661	ug/L	100
29) Cyclohexane	4.99	56	70330	11.319	ug/L #	93
34) Trichloroethene	6.19	95	9048	2.586	ug/L	91
35) Methylcyclohexane	6.41	83	81306	15.057	ug/L	95
45) 1,1,2-Trichloroethane	8.04	97	5662	1.653	ug/L #	19
48) 2-Hexanone	8.37	43	11307	2.231	ug/L #	78
56) Isopropylbenzene	10.16	105	26886	1.854	ug/L	97

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

Quantitation Report (Not Reviewed)

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Acq On : 13 Apr 2019 18:13
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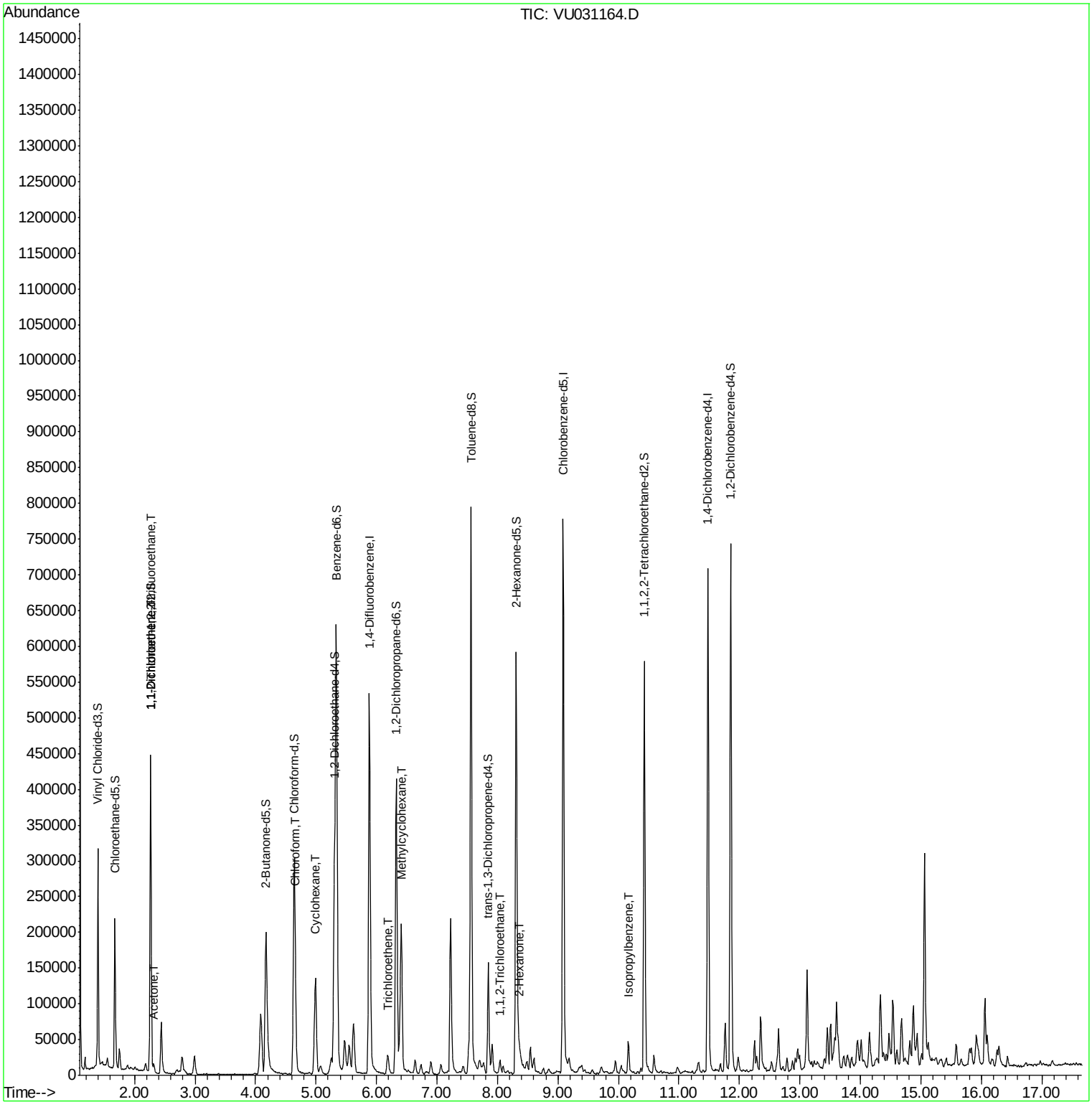
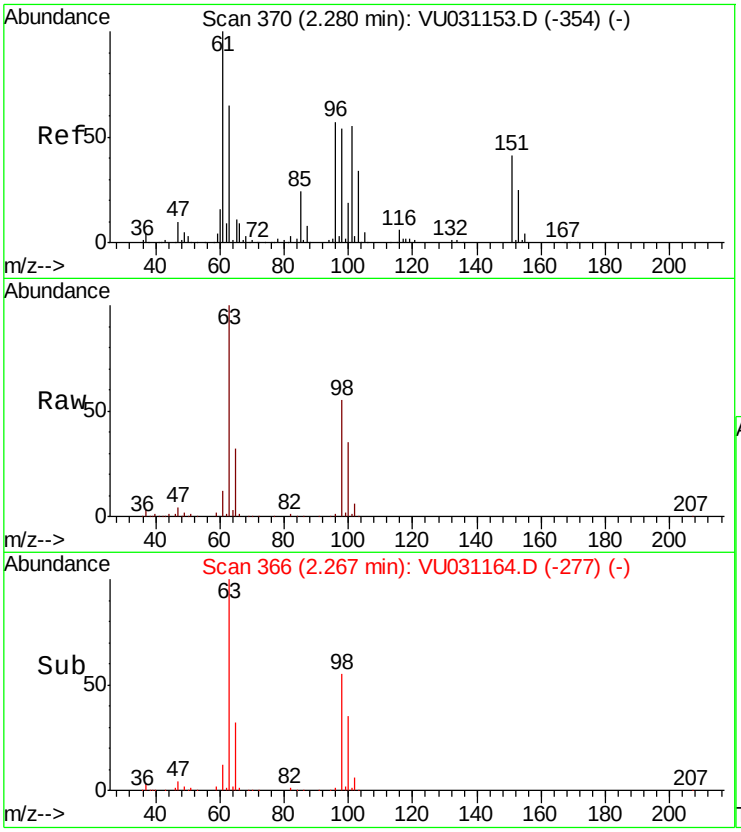
Sample : K2353-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ62

Quant Time: Apr 13 22:31:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration



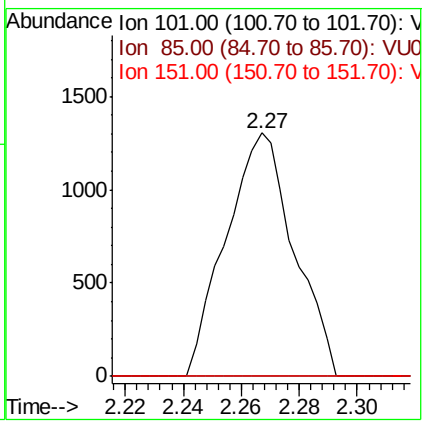


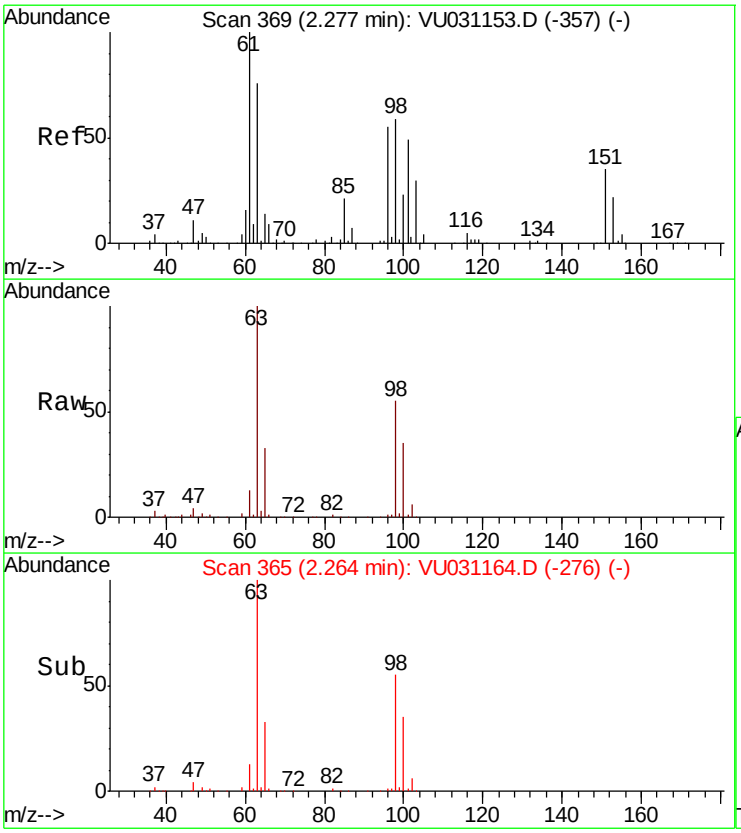
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.665 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Instrument :
MSVOA_U
ClientSampleId :
ETJ62

Tgt Ion:101 Resp: 2124

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	57.4	86.0#

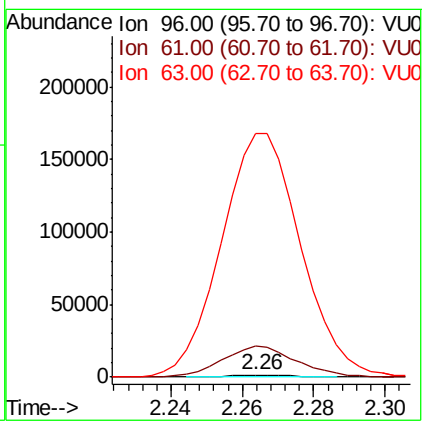


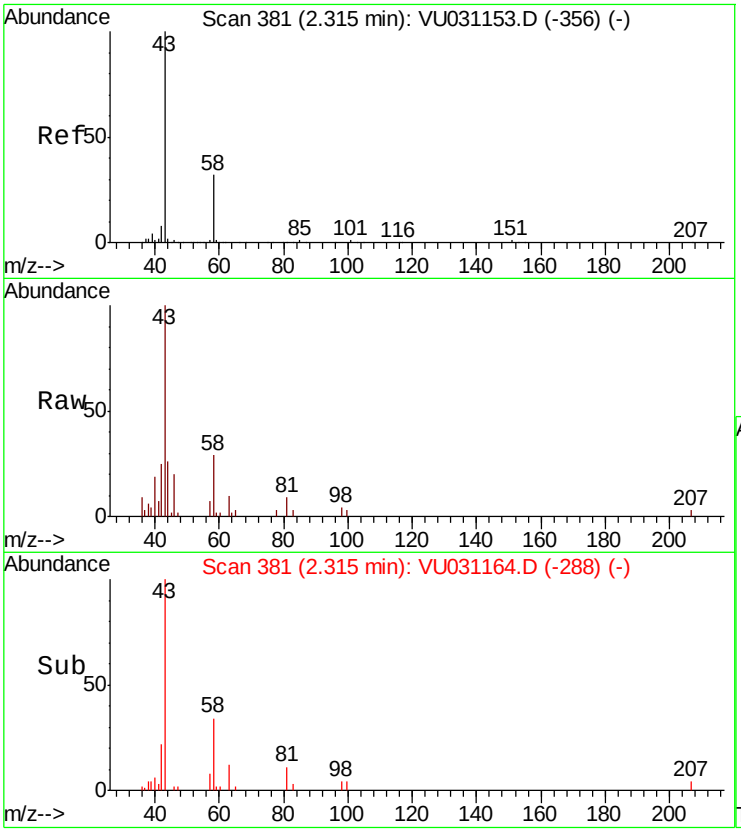


#12
1,1-Dichloroethene
Concen: 0.601 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Tgt Ion: 96 Resp: 1855

Ion	Ratio	Lower	Upper
96	100		
61	1585.1	132.0	245.2#
63	12523.2	90.9	168.9#



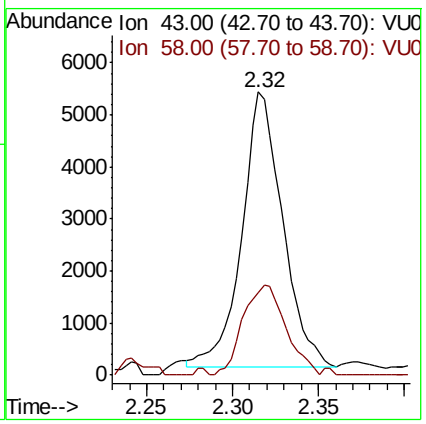


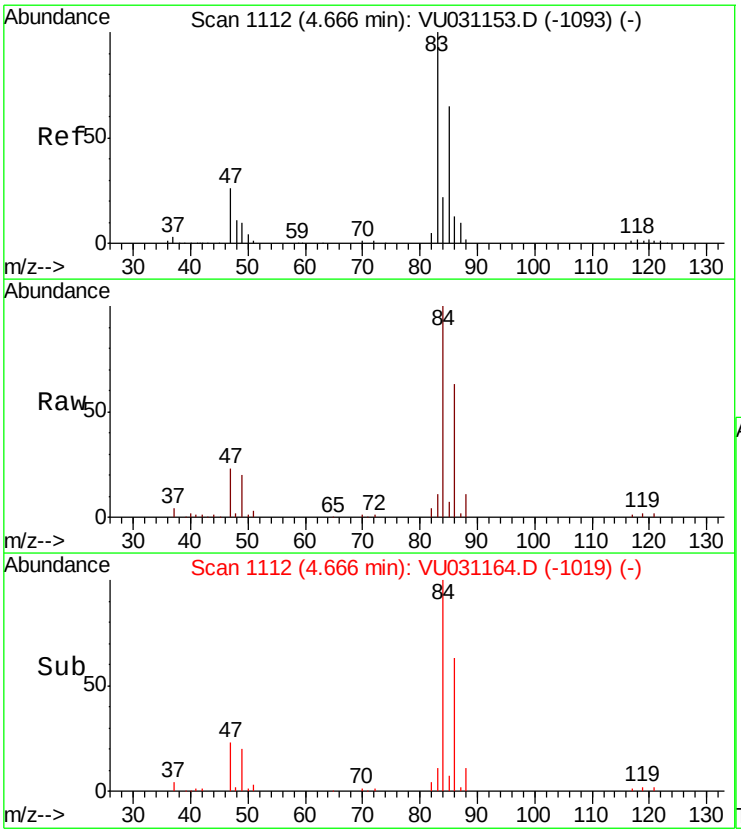
#13
Acetone
Concen: 2.701 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Instrument :
MSVOA_U
ClientSampleId :
ETJ62

Tgt Ion: 43 Resp: 8725

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	64.0

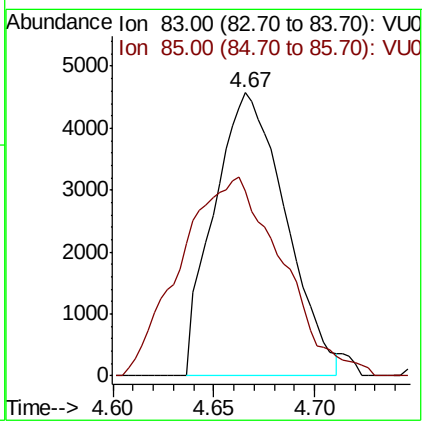


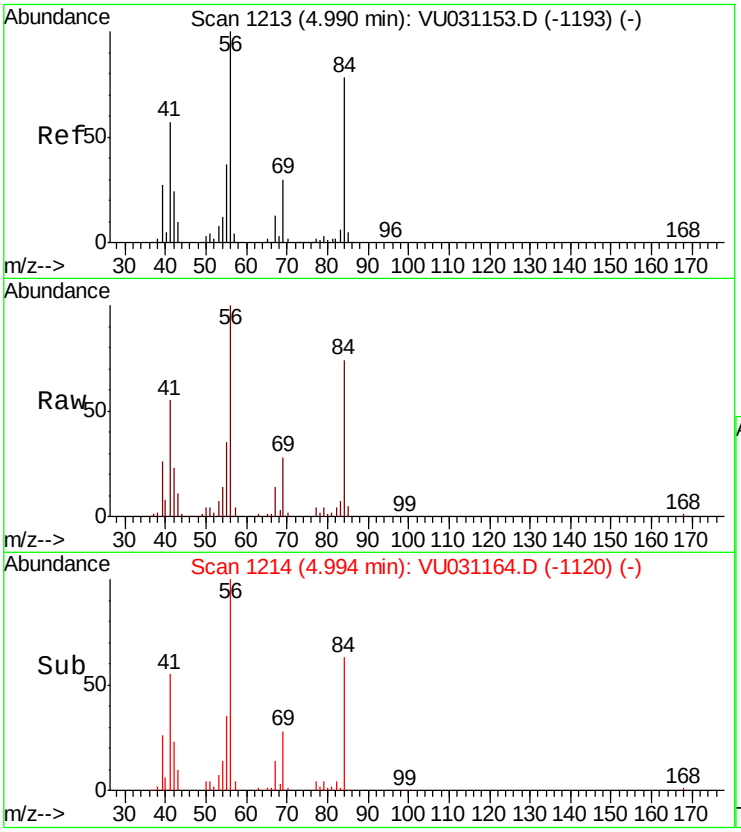


#25
Chloroform
Concen: 1.661 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Tgt Ion: 83 Resp: 11283

Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.8	85.0



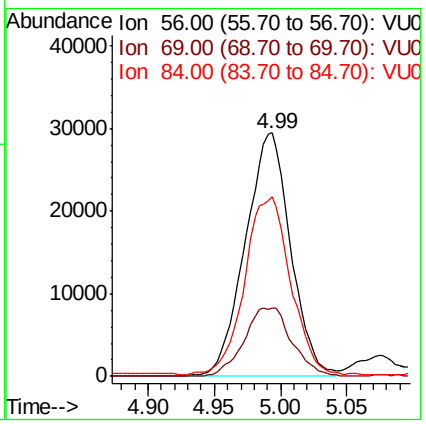


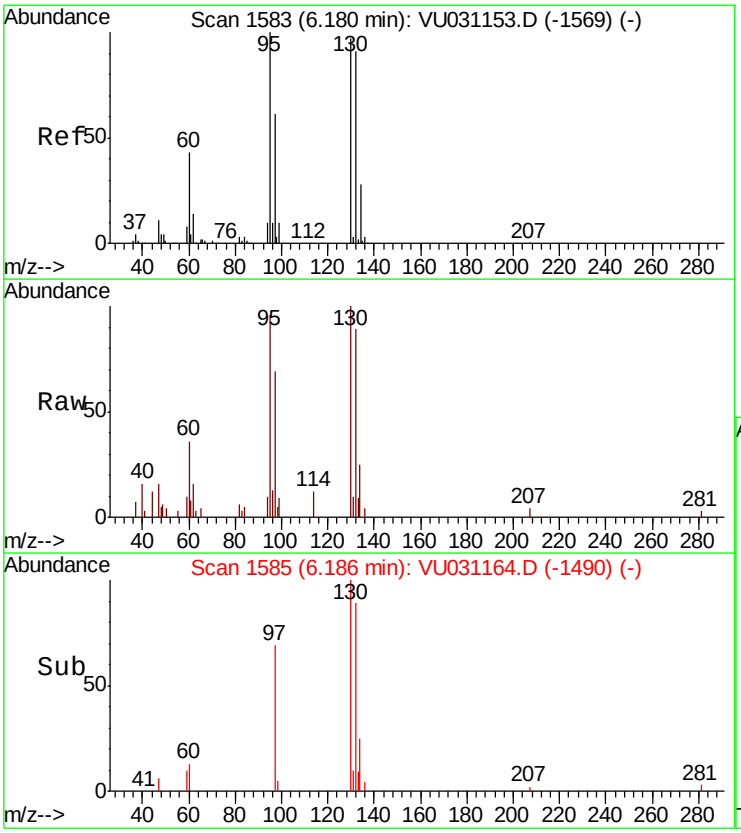
#29
Cyclohexane
Concen: 11.319 ug/L
RT: 4.99 min Scan# 1214
Delta R.T. 0.00 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Instrument : MSVOA_U
ClientSampleId : ETJ62

Tgt Ion: 56 Resp: 70330

Ion	Ratio	Lower	Upper
56	100		
69	15.7	22.0	33.0#
84	73.3	58.2	87.2

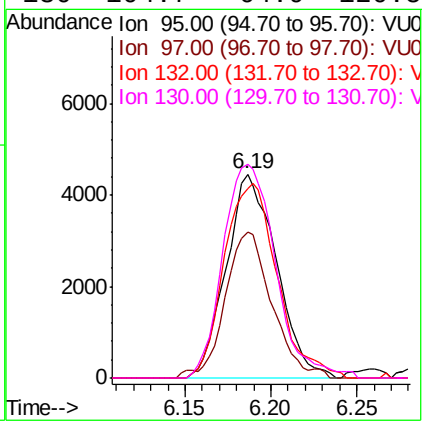


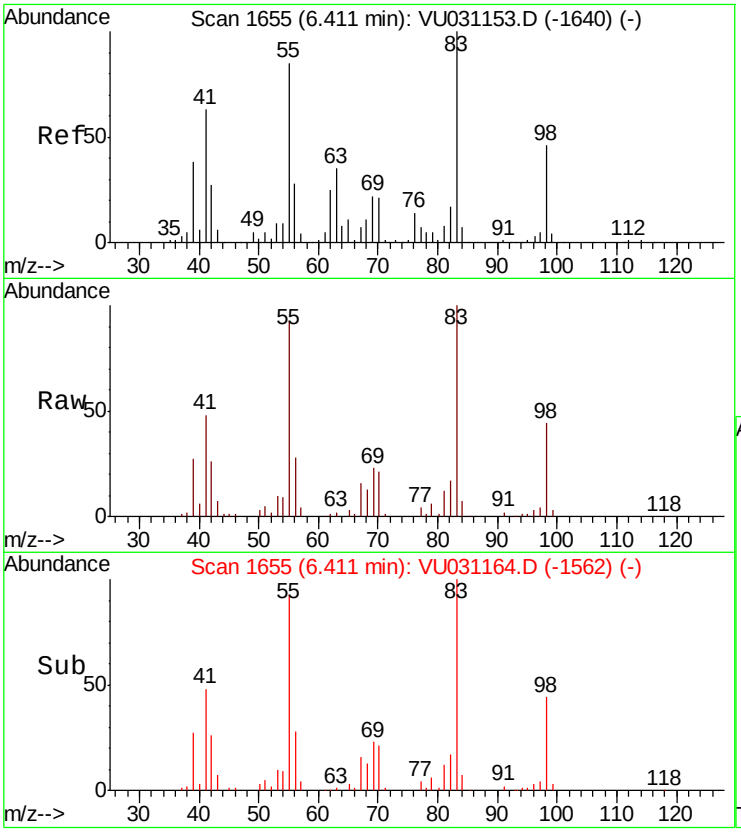


#34
Trichloroethene
Concen: 2.586 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Tgt Ion: 95 Resp: 9048

Ion	Ratio	Lower	Upper
95	100		
97	71.8	44.5	82.7
132	92.9	61.5	114.1
130	104.7	64.9	120.5



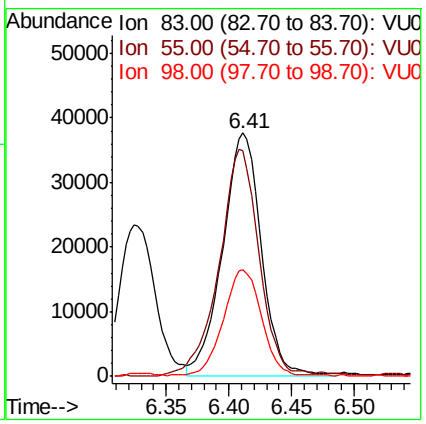


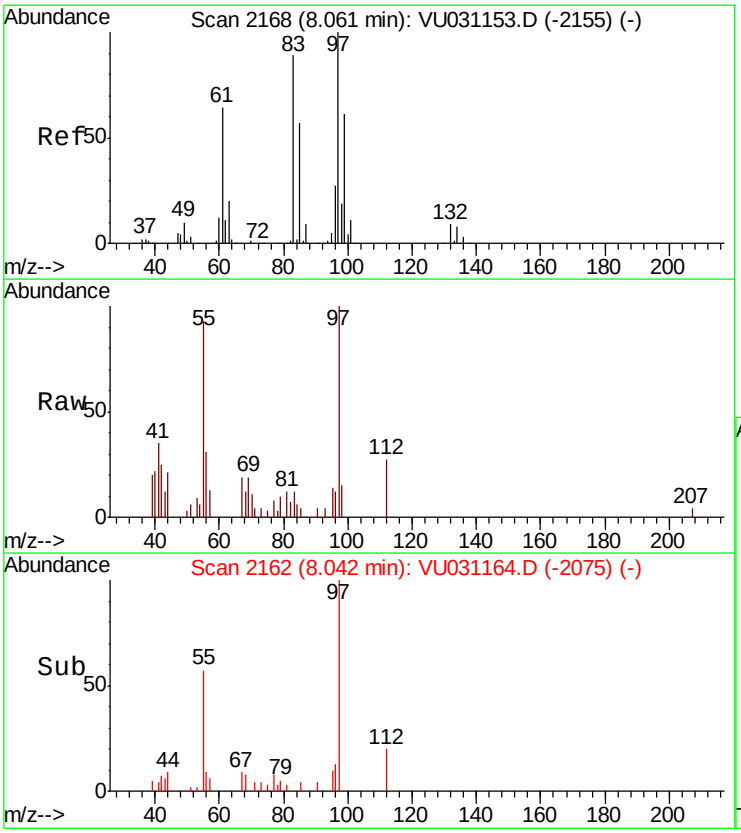
#35
Methylcyclohexane
Concen: 15.057 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Instrument :
MSVOA_U
ClientSampleId :
ETJ62

Tgt Ion: 83 Resp: 81306

Ion	Ratio	Lower	Upper
83	100		
55	95.1	71.6	107.4
98	42.4	35.4	53.0

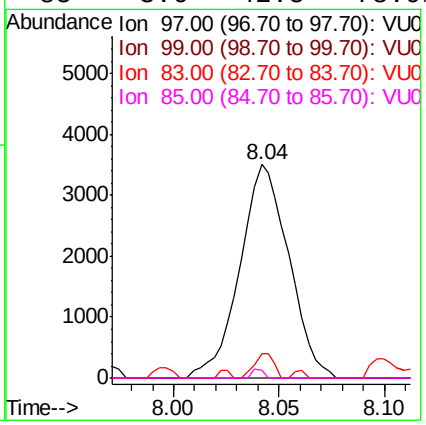


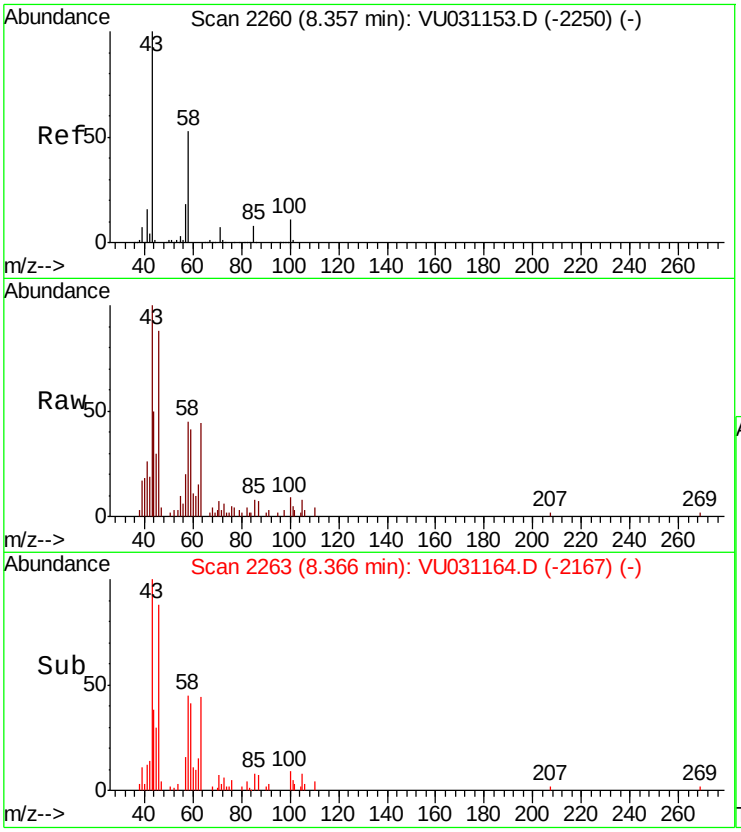


#45
1,1,2-Trichloroethane
Concen: 1.653 ug/L
RT: 8.04 min Scan# 2162
Delta R.T. -0.02 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Tgt Ion: 97 Resp: 5662

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.0	81.8#
83	11.5	65.3	121.3#
85	3.6	42.5	78.9#



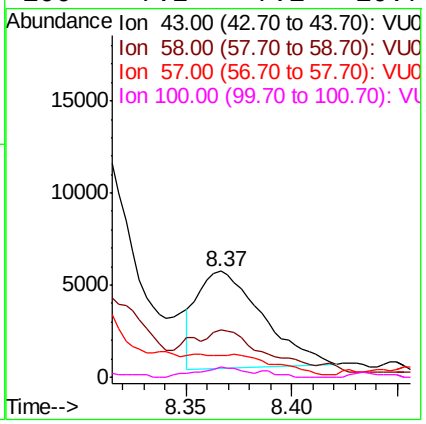


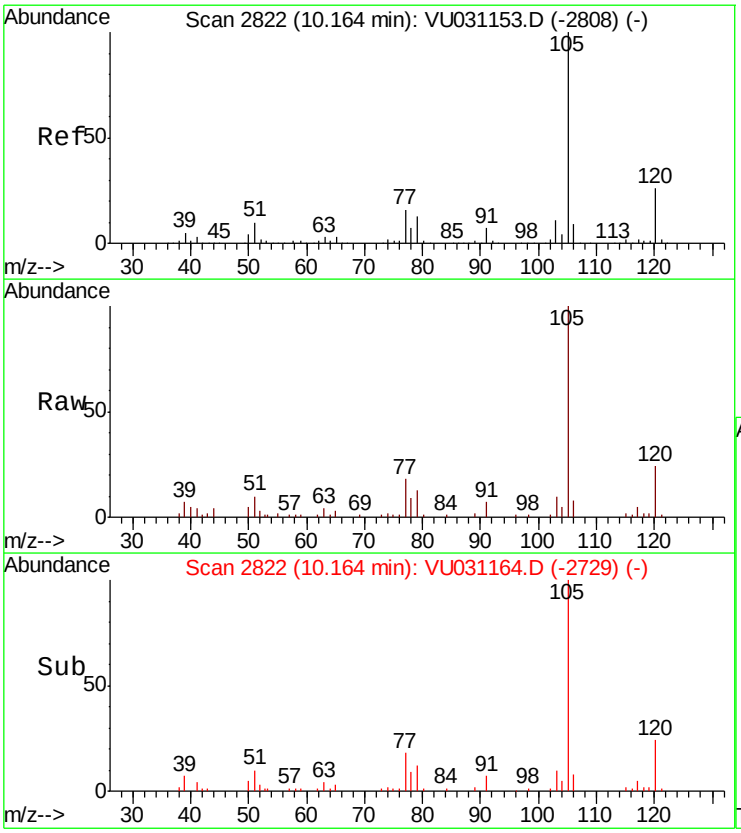
#48
2-Hexanone
Concen: 2.231 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Instrument : MSVOA_U
ClientSampleId : ETJ62

Tgt Ion: 43 Resp: 11307

Ion	Ratio	Lower	Upper
43	100		
58	38.9	41.9	62.9#
57	0.0	14.3	21.5#
100	7.2	7.1	10.7





#56
Isopropylbenzene
Concen: 1.854 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU031164.D
Acq: 13 Apr 2019 18:13

Tgt Ion:105 Resp: 26886

Ion	Ratio	Lower	Upper
105	100		
120	27.1	20.4	30.6
77	17.8	13.4	20.2