Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

Quantitation Report (QT/LSC Reviewed)

Data File : VU036010.D
Acq On : 05 Dec 2019 21:55
Operator : JC/SP
Sample : K6105-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE34

Quant Time: Dec 20 00:44:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 17:31:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	264982	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	289192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	67787	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	118289	3.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%			
7) Chloroethane-d5	1.93	69	106540	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.60	63	142845	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	4.69	46	222967	41.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.36%			
24) Chloroform-d	5.11	84	198531	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.75	65	105338	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.77	84	385094	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.73	67	126458	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.93	98	320238	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.20%			
43) trans-1,3-Dichloropropene-	8.22	79	44559	3.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.60%			
46) 2-Hexanone-d5	8.70	63	172790	39.22	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.44%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	103314	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	73798	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	23886	1.173	ug/L	96
13) Acetone	2.67	43	9027	1.867	ug/L	99
19) 1,1-Dichloroethane	3.93	63	8484	0.216	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	16107	0.758	ug/L	92
25) Chloroform	5.14	83	15910	0.401	ug/L	91
29) 1,1,1-Trichloroethane	5.37	97	3959	0.113	ug/L #	85
34) Trichloroethene	6.58	95	130344	5.668	ug/L	94
47) Tetrachloroethene	8.58	164	61007	3.264	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

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Data File : VU036010.D
Acq On : 05 Dec 2019 21:55
Operator : JC/SP
Sample : K6105-15
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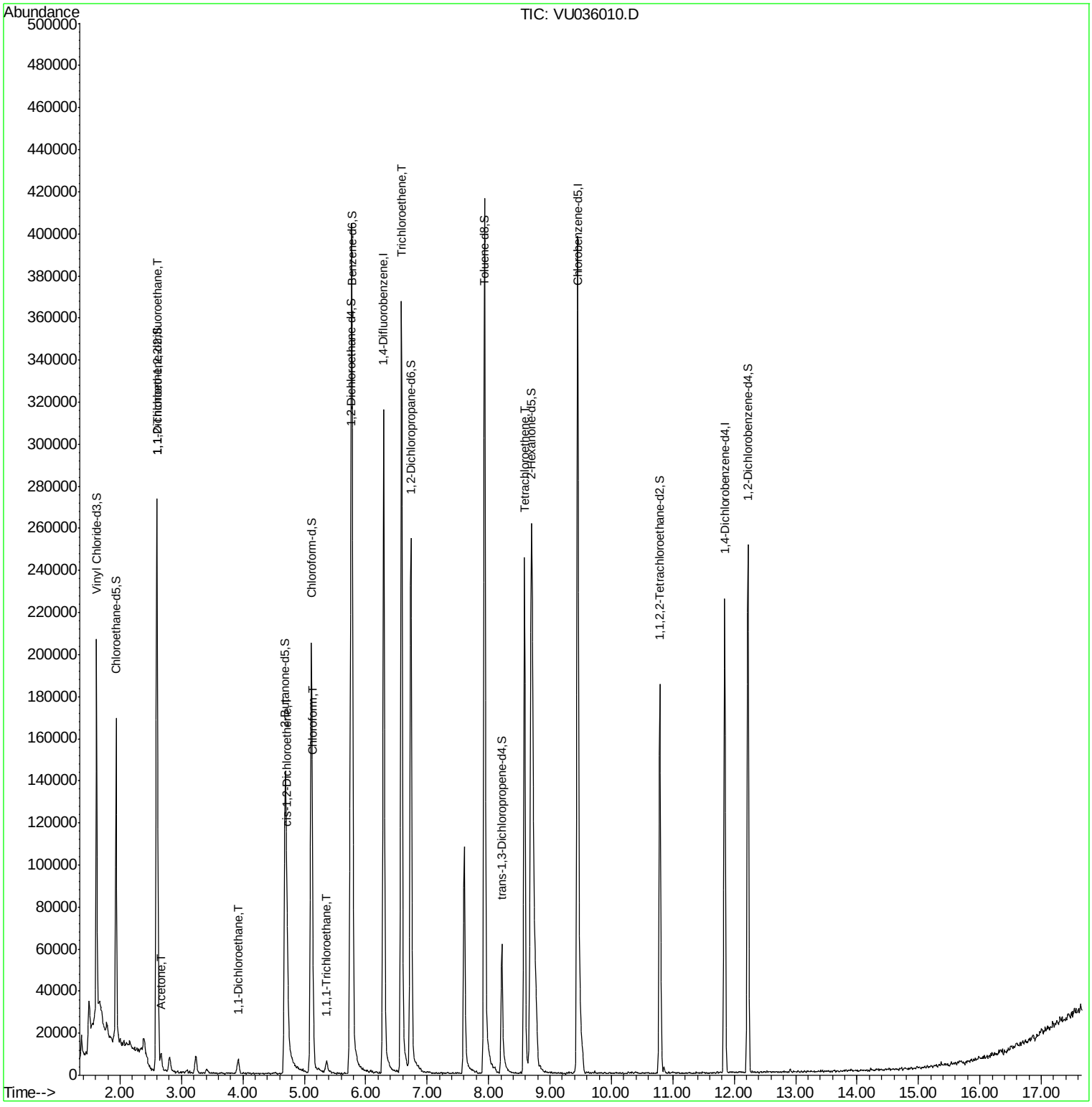
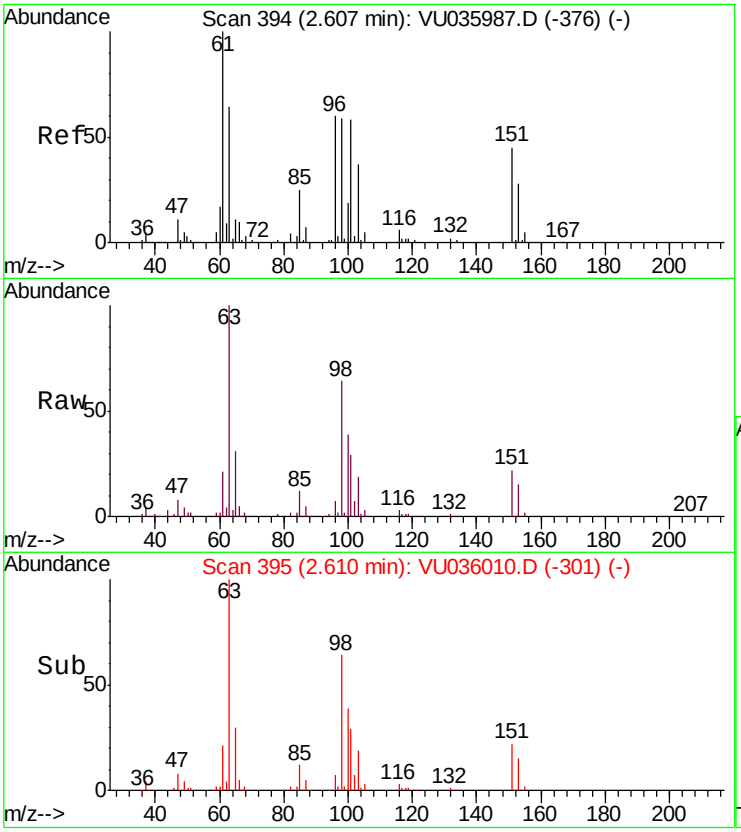
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE34

Quant Time: Dec 20 00:44:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 17:31:29 2019
Response via : Initial Calibration



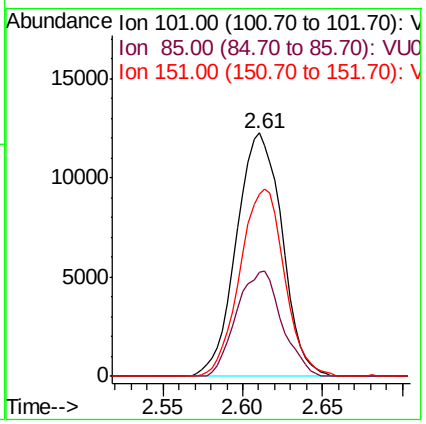


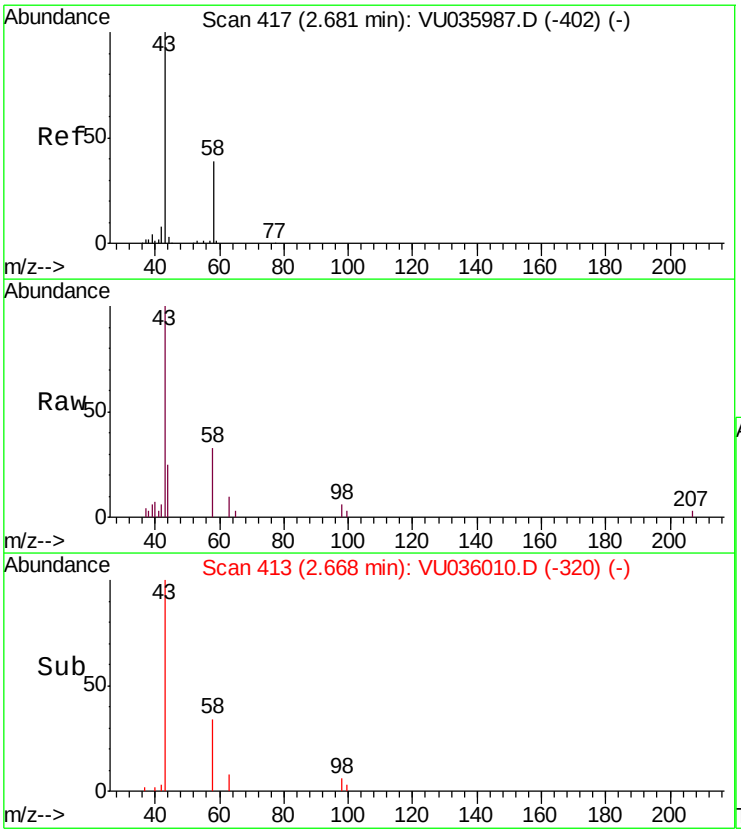
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.173 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU036010.D
Acq: 05 Dec 2019 21:55

Instrument :
MSVOA_U
ClientSampleId :
BFE34

Tgt Ion:101 Resp: 23886

Ion	Ratio	Lower	Upper
101	100		
85	42.6	35.5	53.3
151	75.3	57.5	86.3

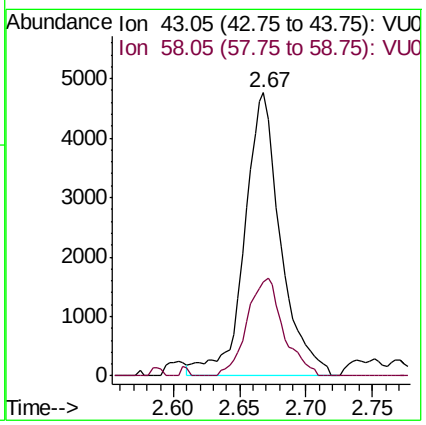


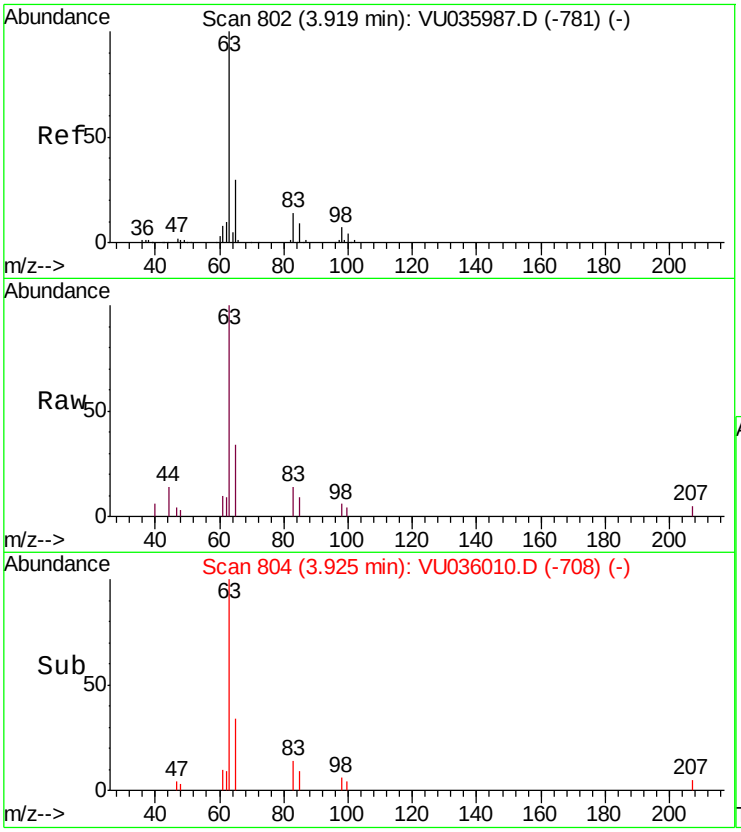


#13
Acetone
Concen: 1.867 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.00 min
Lab File: VU036010.D
Acq: 05 Dec 2019 21:55

Tgt Ion: 43 Resp: 9027

Ion	Ratio	Lower	Upper
43	100		
58	34.7	0.0	68.6



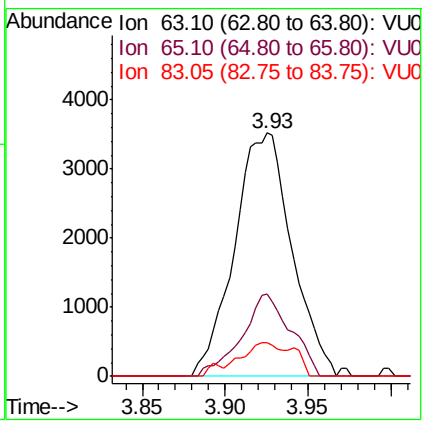


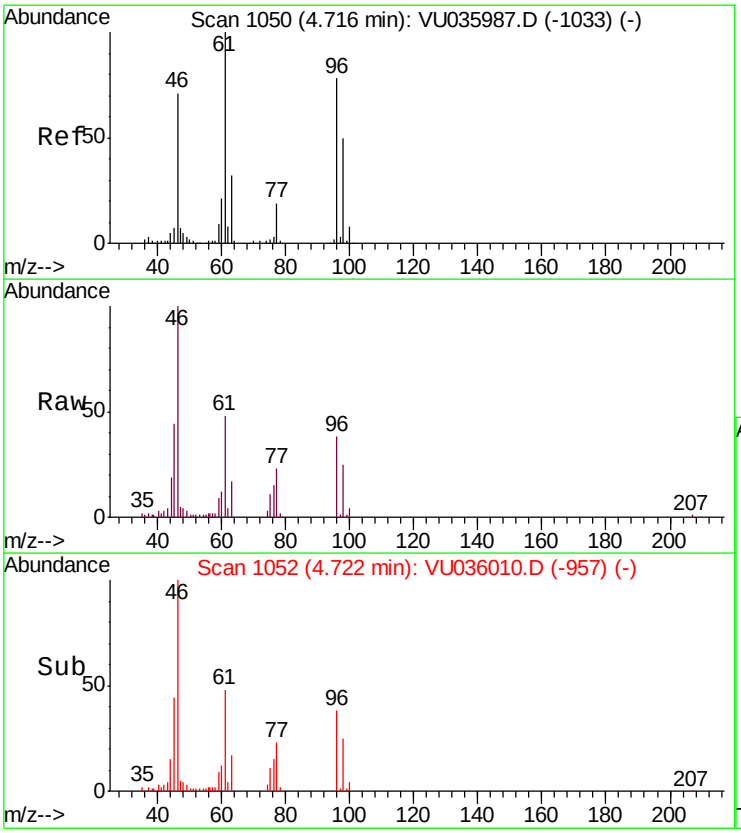
#19
1,1-Dichloroethane
Concen: 0.216 ug/L
RT: 3.93 min Scan# 804
Delta R.T. 0.01 min
Lab File: VU036010.D
Acq: 05 Dec 2019 21:55

Instrument : MSVOA_U
ClientSampleId : BFE34

Tgt Ion: 63 Resp: 8484

Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.4	41.6
83	13.8	9.8	18.2

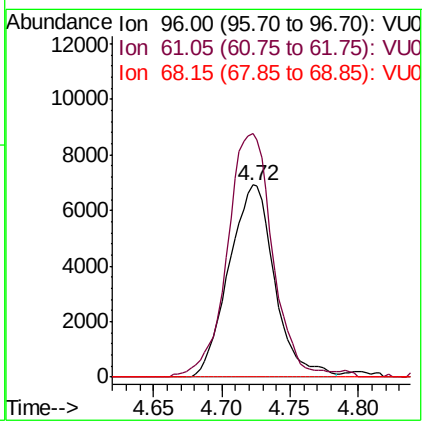


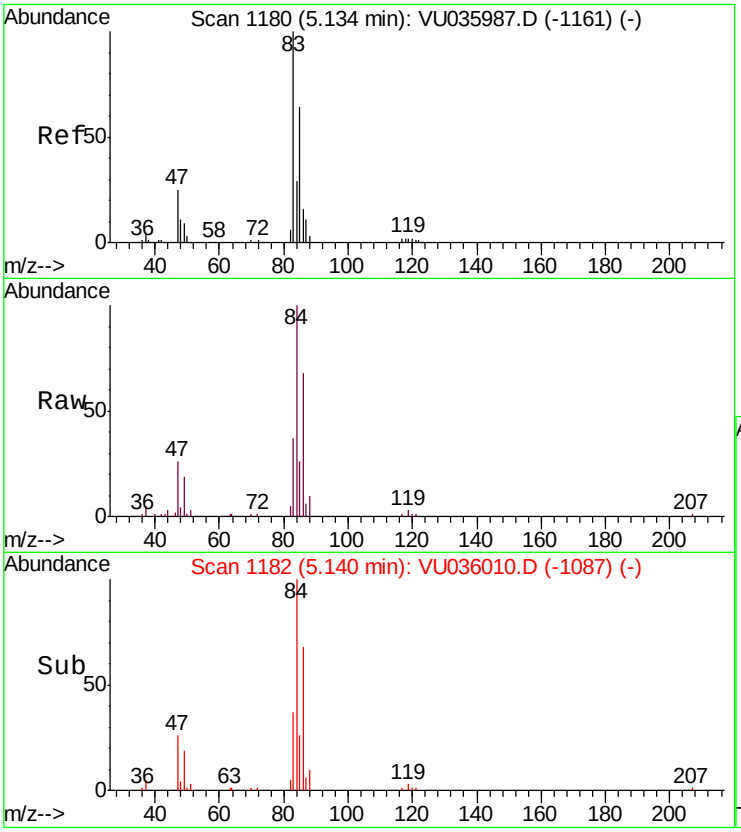


#22
cis-1,2-Dichloroethene
Concen: 0.758 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU036010.D
Acq: 05 Dec 2019 21:55

Tgt Ion: 96 Resp: 16107

Ion	Ratio	Lower	Upper
96	100		
61	126.6	95.7	177.7
68	0.0	0.0	0.0



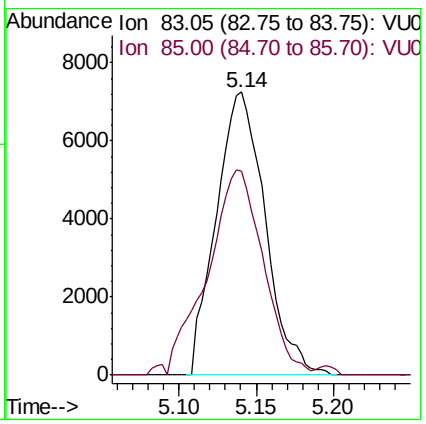


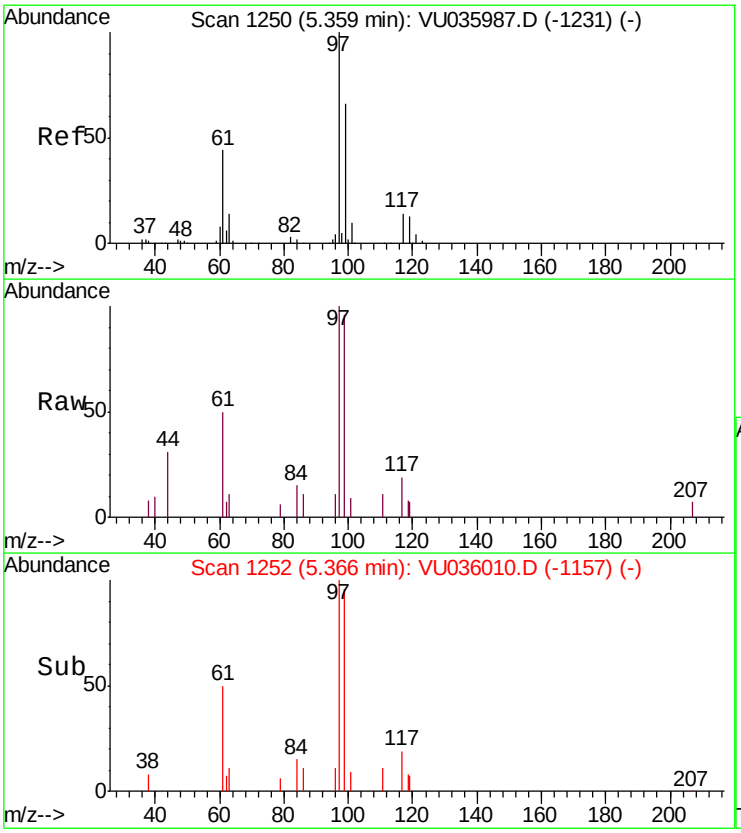
#25
Chloroform
Concen: 0.401 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU036010.D
Acq: 05 Dec 2019 21:55

Instrument : MSVOA_U
ClientSampleId : BFE34

Tgt Ion: 83 Resp: 15910

Ion	Ratio	Lower	Upper
83	100		
85	72.0	45.4	84.2

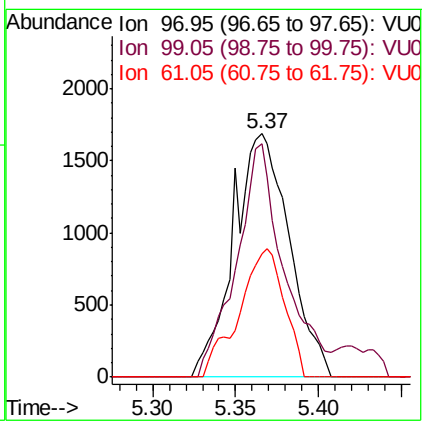


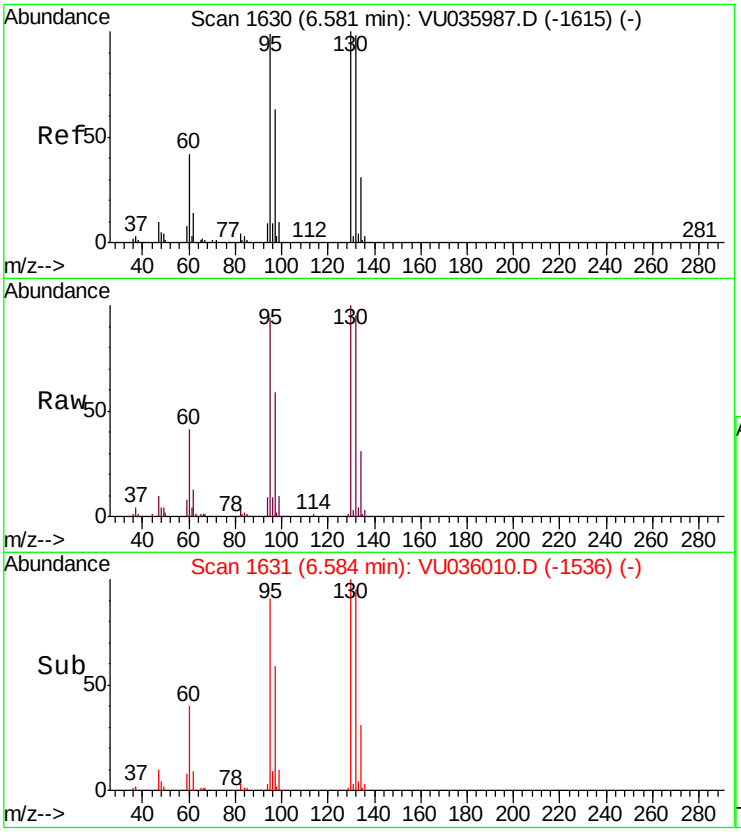


#29
1,1,1-Trichloroethane
Concen: 0.113 ug/L
RT: 5.37 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VU036010.D
Acq: 05 Dec 2019 21:55

Tgt Ion: 97 Resp: 3959

Ion	Ratio	Lower	Upper
97	100		
99	81.6	51.8	77.8#
61	42.7	37.6	56.4



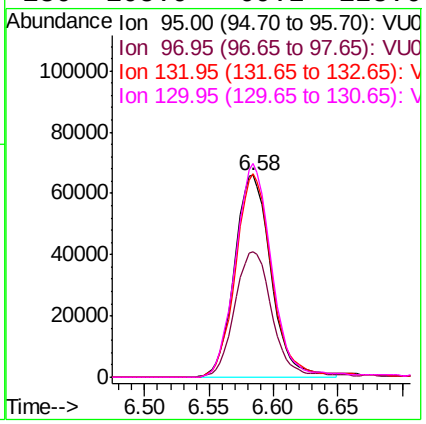


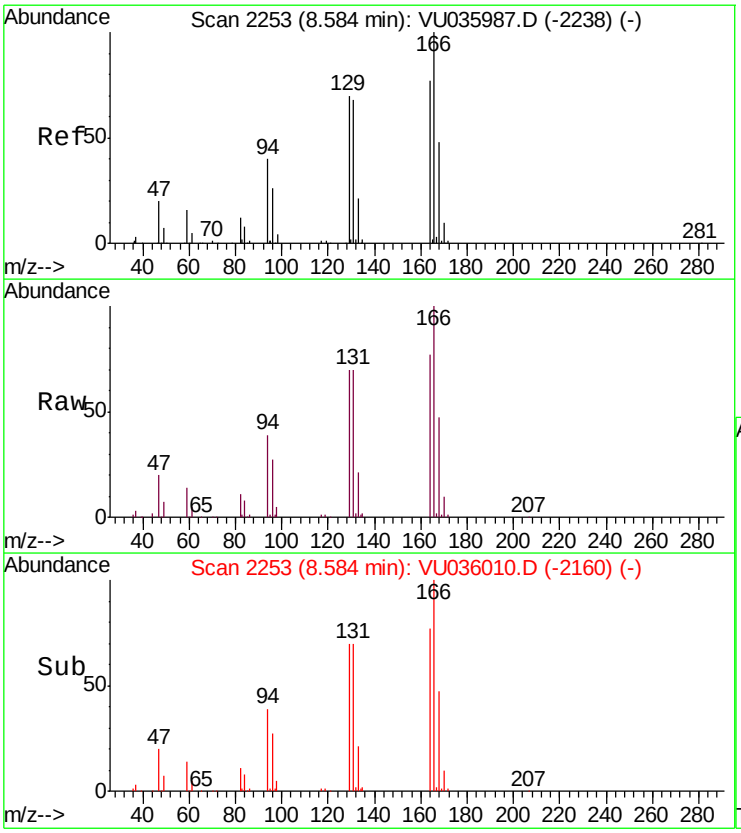
#34
Trichloroethene
Concen: 5.668 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VU036010.D
Acq: 05 Dec 2019 21:55

Instrument : MSVOA_U
ClientSampleId : BFE34

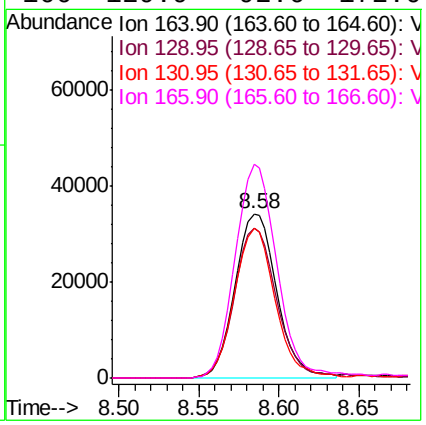
Tgt Ion: 95 Resp: 130344

Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.3	85.9
132	100.7	65.7	122.1
130	105.9	69.2	128.6





#47
Tetrachloroethene
Concen: 3.264 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036010.D
Acq: 05 Dec 2019 21:55

Tgt Ion:164 Resp: 61007

Ion	Ratio	Lower	Upper
164	100		
129	90.8	67.9	126.1
131	91.3	64.1	119.1
166	129.9	92.6	172.0