Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\

Quantitation Report (Not Reviewed)

Data File : VU032194.D
Acq On : 21 May 2019 12:59
Operator : JC/SP
Sample : K2788-14ME
Misc : 5.30g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51A4ME

Quant Time: May 22 02:11:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	862698	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	852258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	400748	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	225177	40.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.04%			
7) Chloroethane-d5	1.64	69	109191	22.27	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 44.54%#			
11) 1,1-Dichloroethene-d2	2.32	63	360	0.03	ug/L	0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.06%#			
21) 2-Butanone-d5	4.21	46	330823	95.28	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.28%			
24) Chloroform-d	4.64	84	452208	40.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.56%			
26) 1,2-Dichloroethane-d4	5.30	65	284260	43.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.86%			
32) Benzene-d6	5.32	84	961279	43.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.78%			
36) 1,2-Dichloropropane-d6	6.32	67	286043	44.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.44%			
41) Toluene-d8	7.56	98	901607	42.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.88%			
43) trans-1,3-Dichloropropene-	7.85	79	133337	42.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.48%			
47) 2-Hexanone-d5	8.33	63	271445	93.54	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.54%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	462228	44.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.34%			
64) 1,2-Dichlorobenzene-d4	11.86	152	364301	43.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.92%			
Target Compounds						Qvalue
6) Bromomethane	1.60	94	3320	0.709	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	3978	0.684	ug/L #	25
20) cis-1,2-Dichloroethene	4.21	96	741336	110.834	ug/L	99
30) 1,1,1-Trichloroethane	4.90	97	8576	0.943	ug/L #	79
34) Trichloroethene	6.17	95	1665186	261.697	ug/L	98
46) Tetrachloroethene	8.22	164	25014	4.761	ug/L	97
48) 2-Hexanone	8.33	43	26632	4.682	ug/L #	64

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

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Quantitation Report (Not Reviewed)

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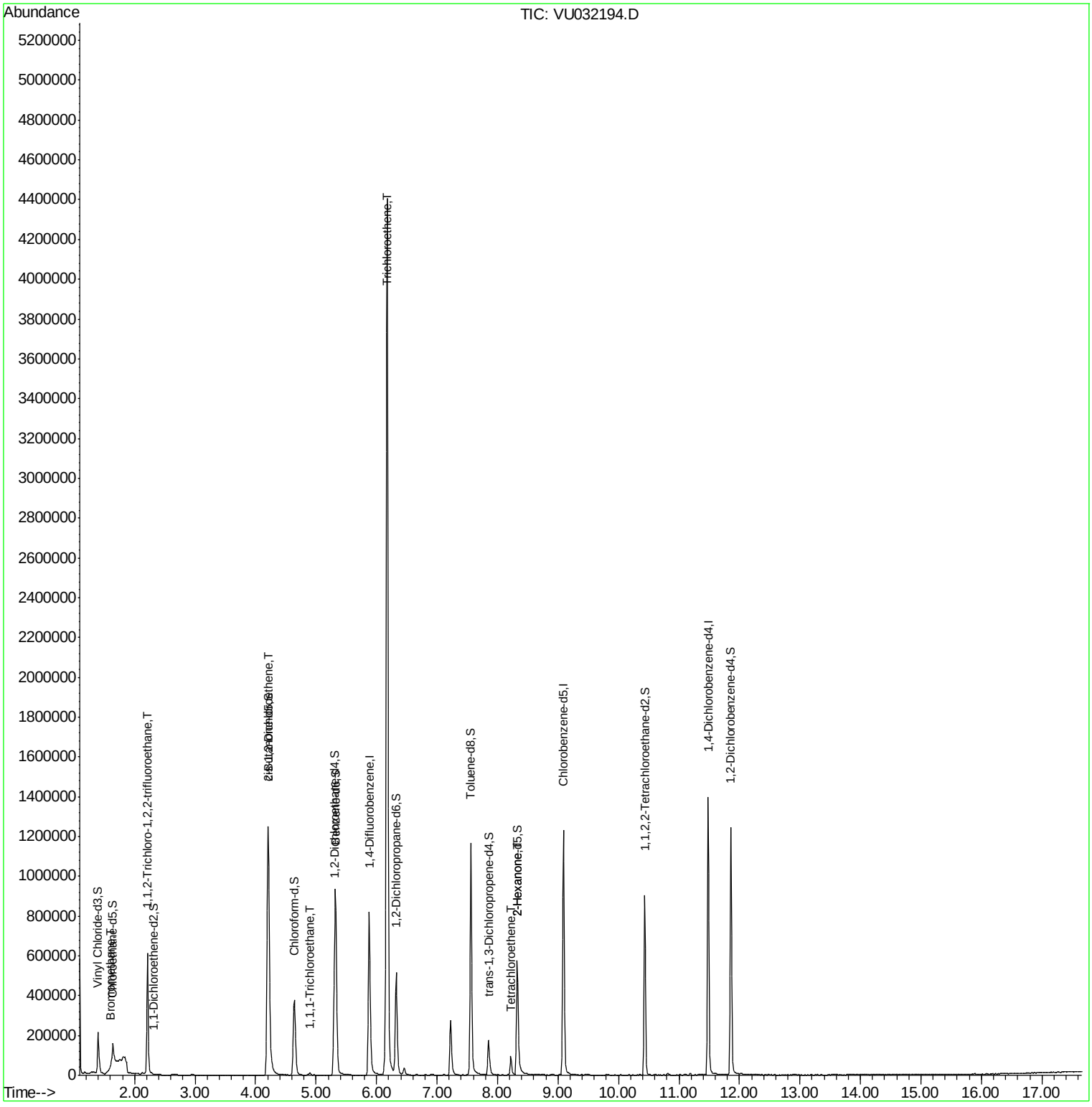
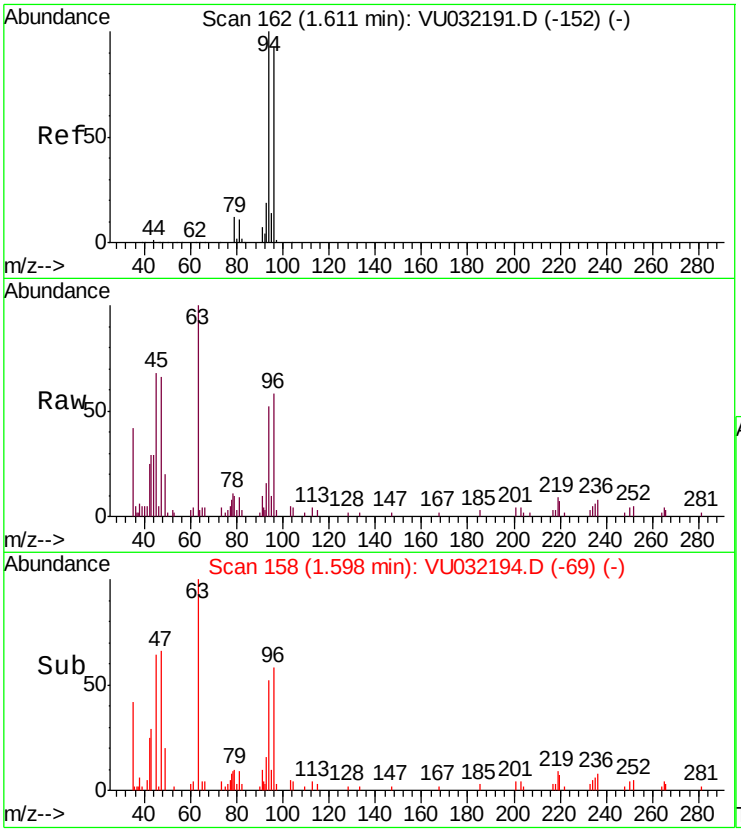
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51A4ME

Quant Time: May 22 02:11:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration



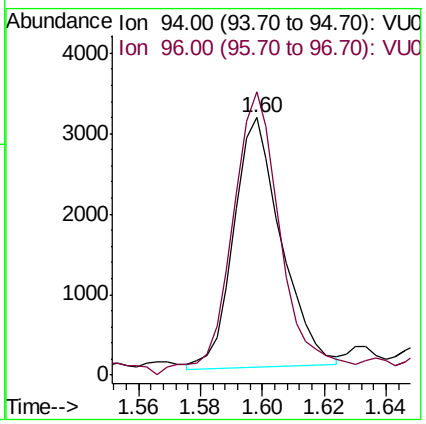


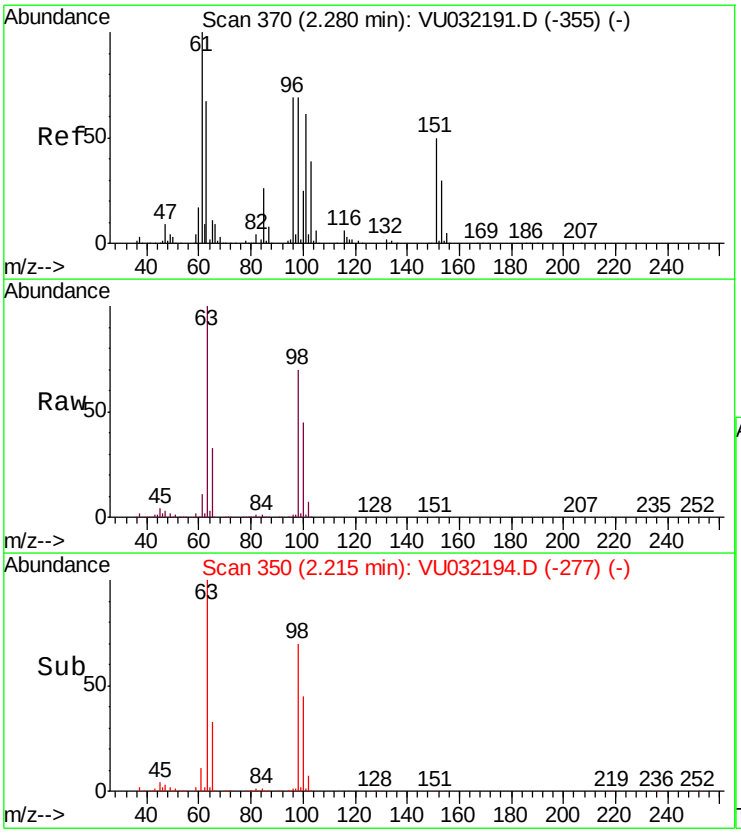
#6
Bromomethane
Concen: 0.709 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.01 min
Lab File: VU032194.D
Acq: 21 May 2019 12:59

Instrument :
MSVOA_U
ClientSampleId :
A51A4ME

Tgt Ion: 94 Resp: 3320

Ion	Ratio	Lower	Upper
94	100		
96	109.8	65.8	122.2

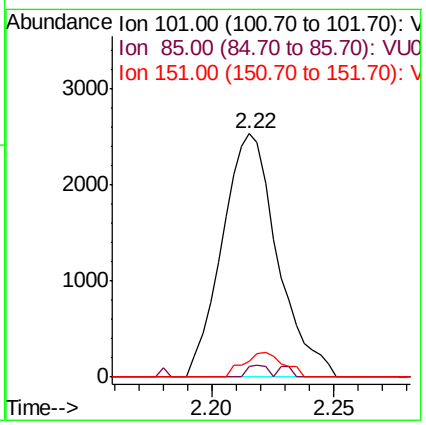


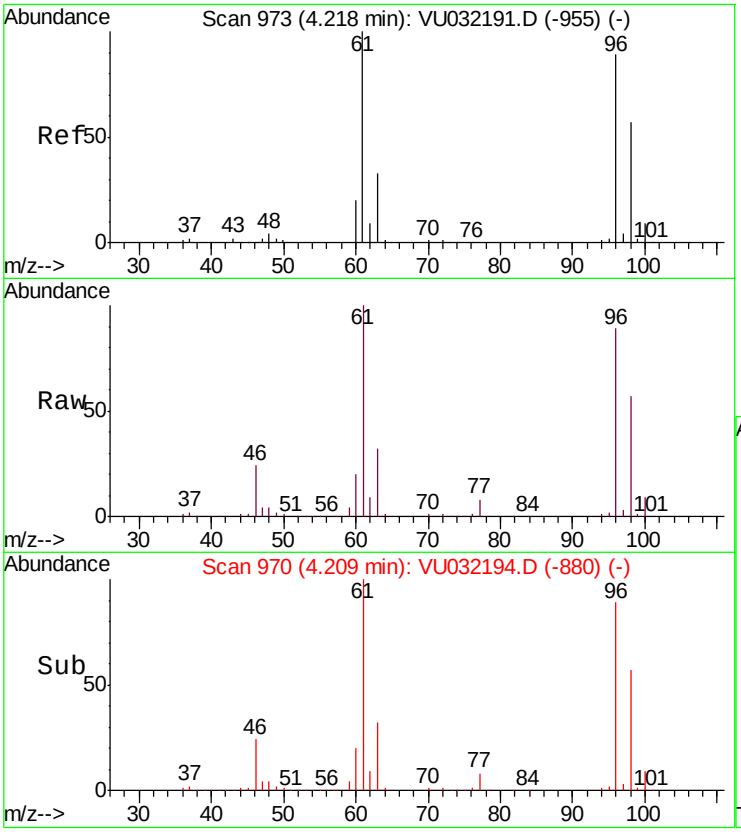


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.684 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.06 min
Lab File: VU032194.D
Acq: 21 May 2019 12:59

Tgt Ion:101 Resp: 3978

Ion	Ratio	Lower	Upper
101	100		
85	1.7	32.5	48.7#
151	7.2	63.1	94.7#



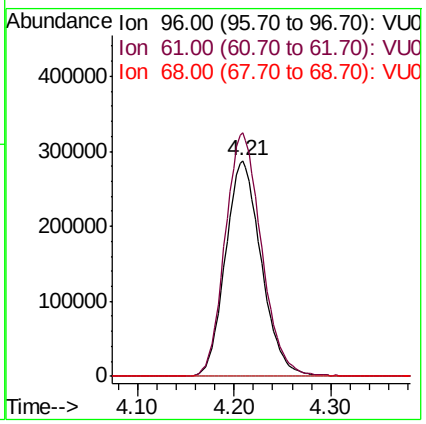


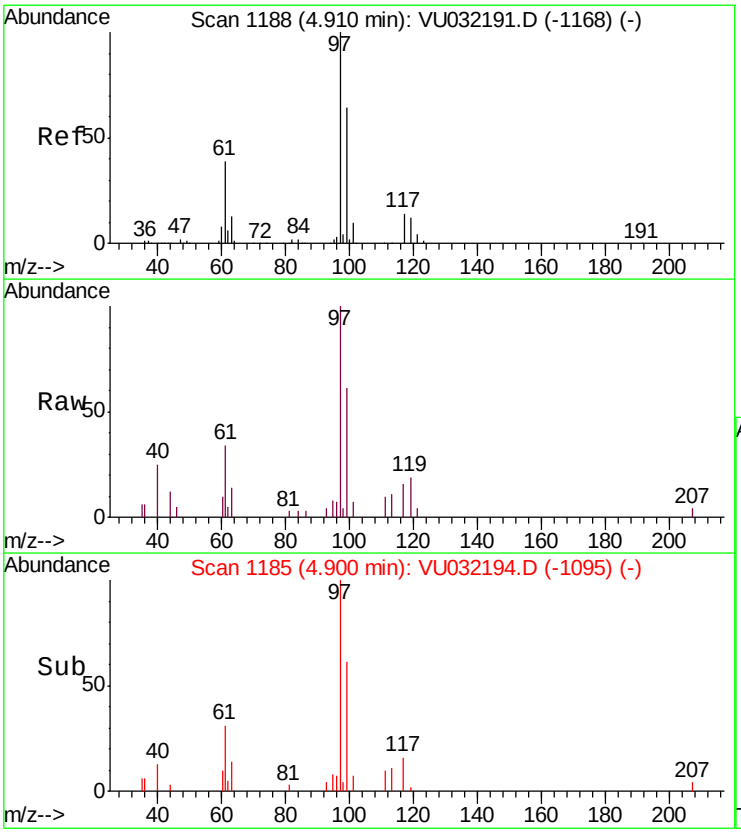
#20
cis-1,2-Dichloroethene
Concen: 110.834 ug/L
RT: 4.21 min Scan# 970
Delta R.T. -0.01 min
Lab File: VU032194.D
Acq: 21 May 2019 12:59

Instrument :
MSVOA_U
ClientSampleId :
A51A4ME

Tgt Ion: 96 Resp: 741336

Ion	Ratio	Lower	Upper
96	100		
61	113.0	79.9	148.3
68	0.0	0.0	0.0

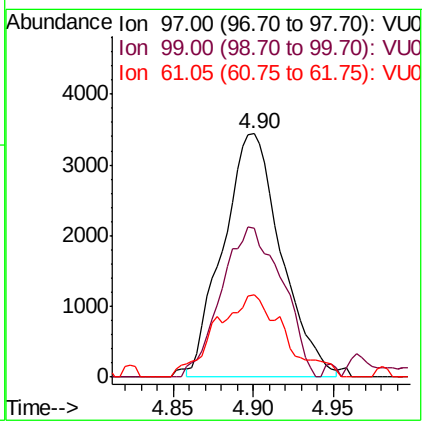


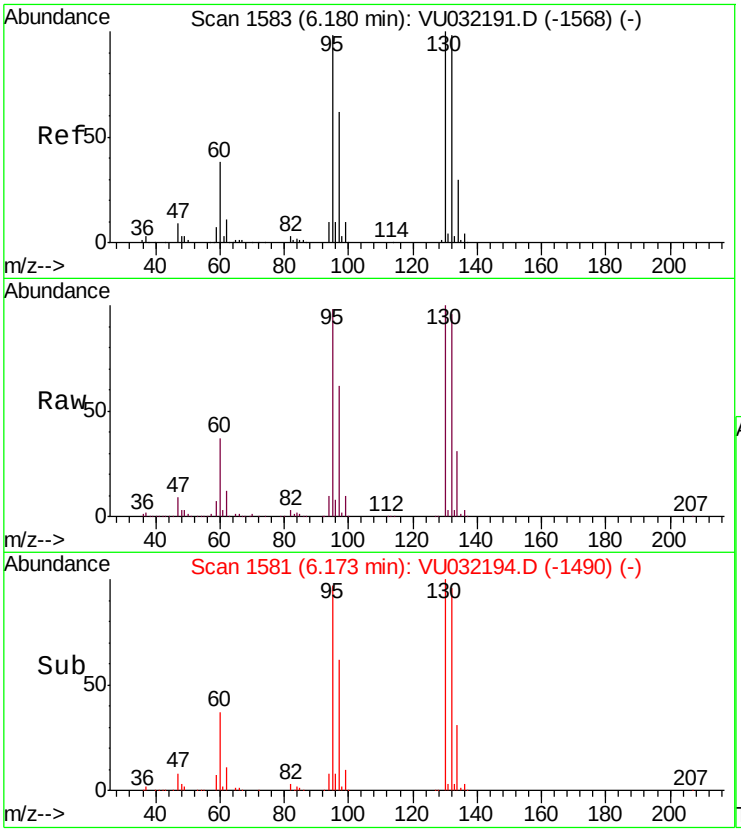


#30
1,1,1-Trichloroethane
Concen: 0.943 ug/L
RT: 4.90 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU032194.D
Acq: 21 May 2019 12:59

Tgt Ion: 97 Resp: 8576

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	8.5	33.4	50.0#



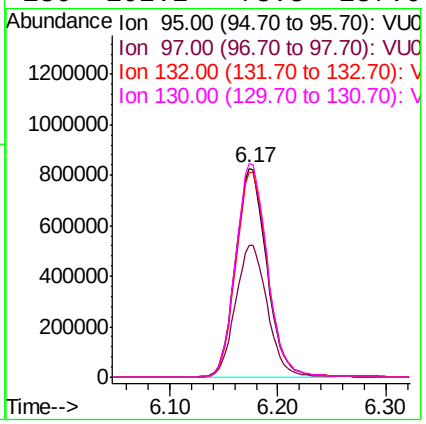


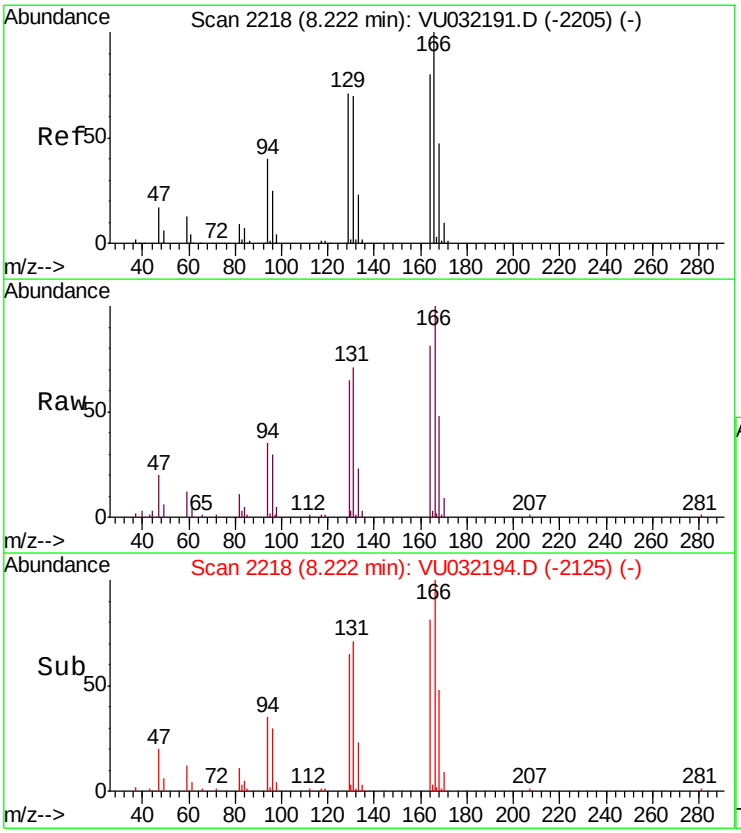
#34
Trichloroethene
Concen: 261.697 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VU032194.D
Acq: 21 May 2019 12:59

Instrument :
MSVOA_U
ClientSampleId :
A51A4ME

Tgt Ion: 95 Resp: 1665186

Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.5	82.7
132	98.1	69.4	129.0
130	102.2	73.8	137.0

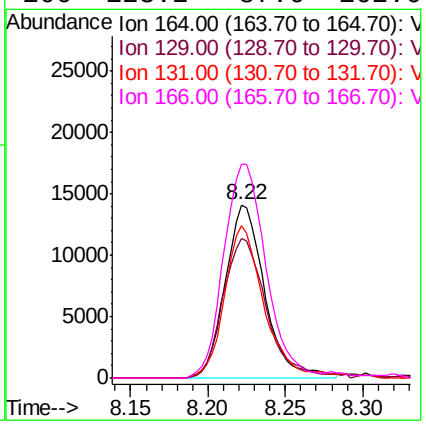


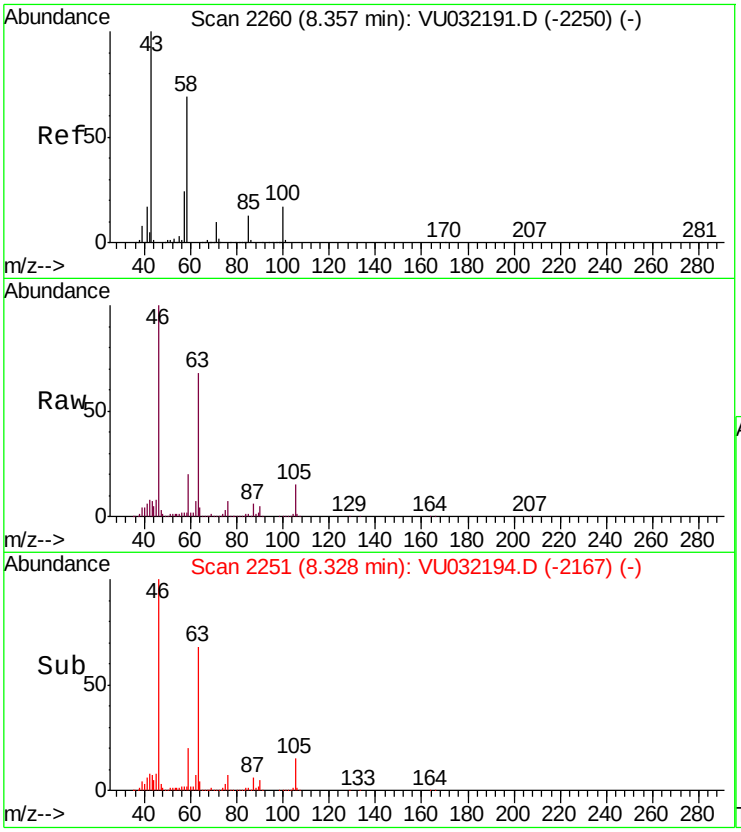


#46
Tetrachloroethene
Concen: 4.761 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032194.D
Acq: 21 May 2019 12:59

Tgt Ion:164 Resp: 25014

Ion	Ratio	Lower	Upper
164	100		
129	80.7	60.8	113.0
131	87.5	59.7	110.9
166	123.2	87.6	162.6





#48
2-Hexanone
Concen: 4.682 ug/L
RT: 8.33 min Scan# 2251
Delta R.T. -0.03 min
Lab File: VU032194.D
Acq: 21 May 2019 12:59

Instrument :
MSVOA_U
ClientSampleId :
A51A4ME

Tgt Ion: 43 Resp: 26632

Ion	Ratio	Lower	Upper
43	100		
58	30.8	54.1	81.1#
57	28.7	19.4	29.0
100	1.3	13.6	20.4#