Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

Quantitation Report (Not Reviewed)

Data File : VU031882.D
Acq On : 10 May 2019 12:40
Operator : JC/SP
Sample : K2690-19ME
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5165ME

Quant Time: May 11 01:01:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1086442	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1109007	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	458173	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	234296	25.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 51.54%#			
7) Chloroethane-d5	1.64	69	139296	19.82	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 39.64%#			
11) 1,1-Dichloroethene-d2	2.44	63	80	0.00	ug/L	0.17
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.00%#			
21) 2-Butanone-d5	4.20	46	602469	73.13	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 73.13%			
24) Chloroform-d	4.64	84	540471	32.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 64.92%#			
26) 1,2-Dichloroethane-d4	5.30	65	374908	34.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.92%#			
32) Benzene-d6	5.33	84	1009516	29.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 59.28%#			
36) 1,2-Dichloropropane-d6	6.32	67	377216	31.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 62.96%#			
41) Toluene-d8	7.56	98	820274	27.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 55.30%#			
43) trans-1,3-Dichloropropene-	7.85	79	150042	29.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.34%#			
47) 2-Hexanone-d5	8.32	63	452159	87.19	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.19%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	654844	40.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.46%			
64) 1,2-Dichlorobenzene-d4	11.86	152	341027	35.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 70.78%#			
Target Compounds						Qvalue
13) Acetone	2.35	43	4873	0.525	ug/L	66
15) Methyl Acetate	2.63	43	9836	0.700	ug/L	100
34) Trichloroethene	6.18	95	326637	33.048	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	9148	0.598	ug/L #	64
46) Tetrachloroethene	8.22	164	22283	3.307	ug/L	92
48) 2-Hexanone	8.32	43	52133	3.619	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	60941	4.440	ug/L	94

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

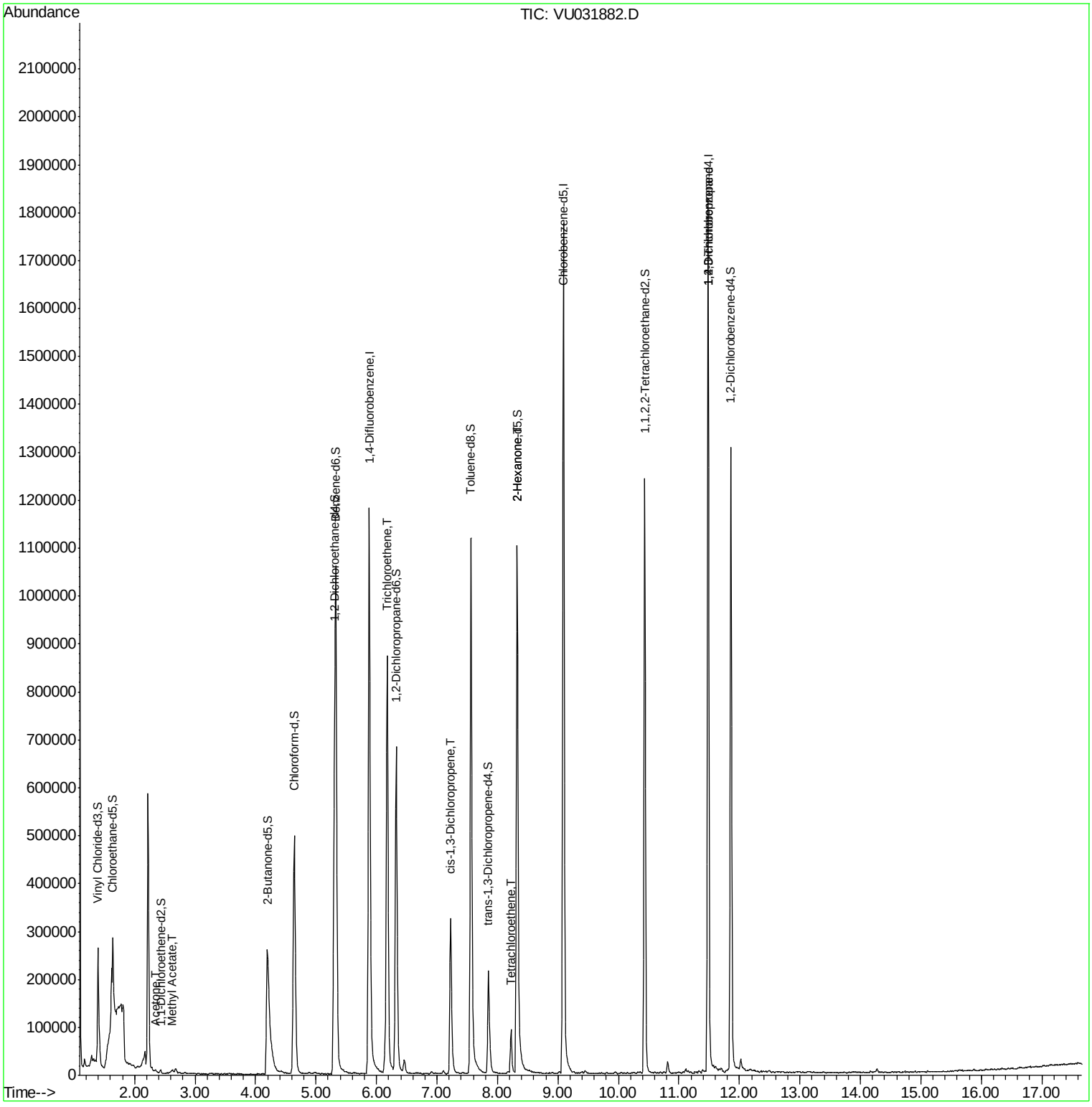
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

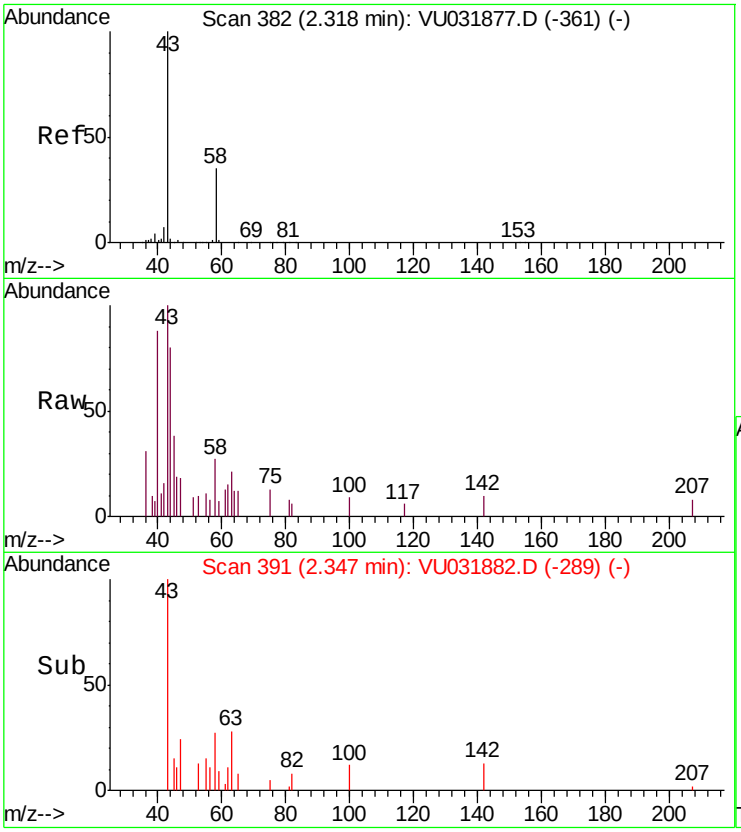
Quantitation Report (Not Reviewed)

Data File : VU031882.D
Acq On : 10 May 2019 12:40
Operator : JC/SP
Sample : K2690-19ME
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5165ME

Quant Time: May 11 01:01:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration



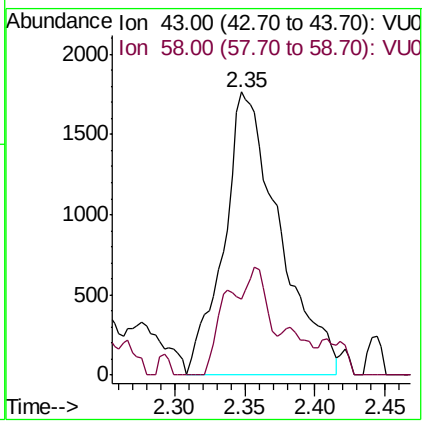


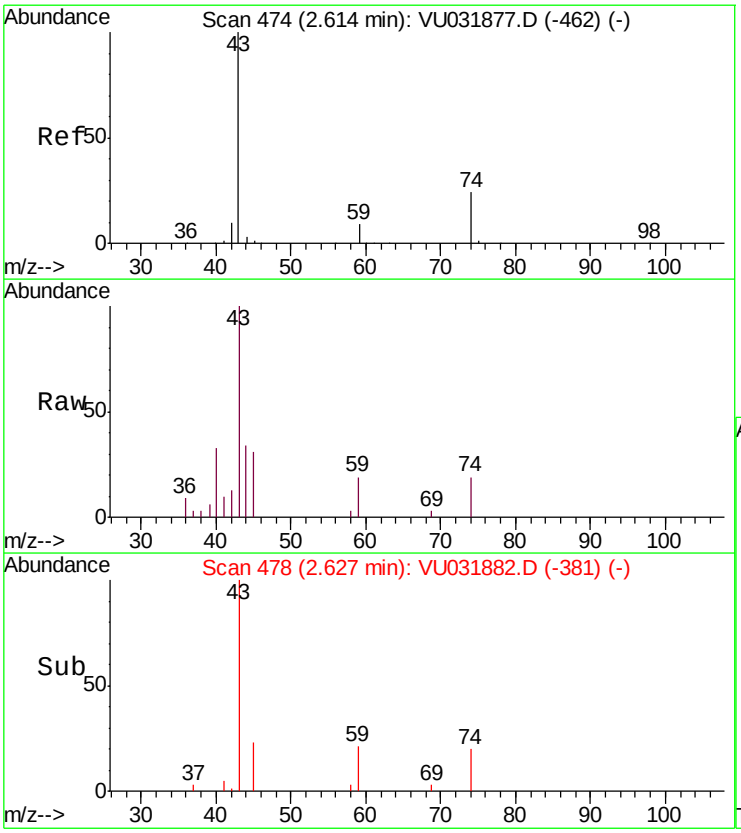
#13
Acetone
Concen: 0.525 ug/L
RT: 2.35 min Scan# 391
Delta R.T. 0.03 min
Lab File: VU031882.D
Acq: 10 May 2019 12:40

Instrument : MSVOA_U
ClientSampleId : A5165ME

Tgt Ion: 43 Resp: 4873

Ion	Ratio	Lower	Upper
43	100		
58	13.0	0.0	64.4

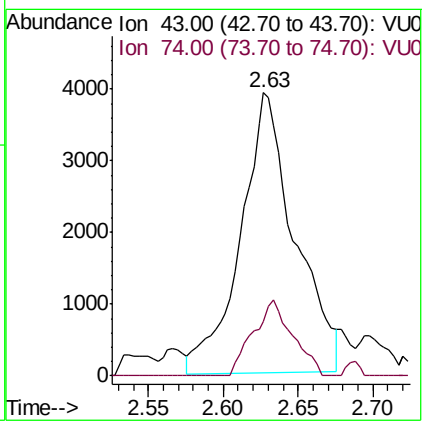


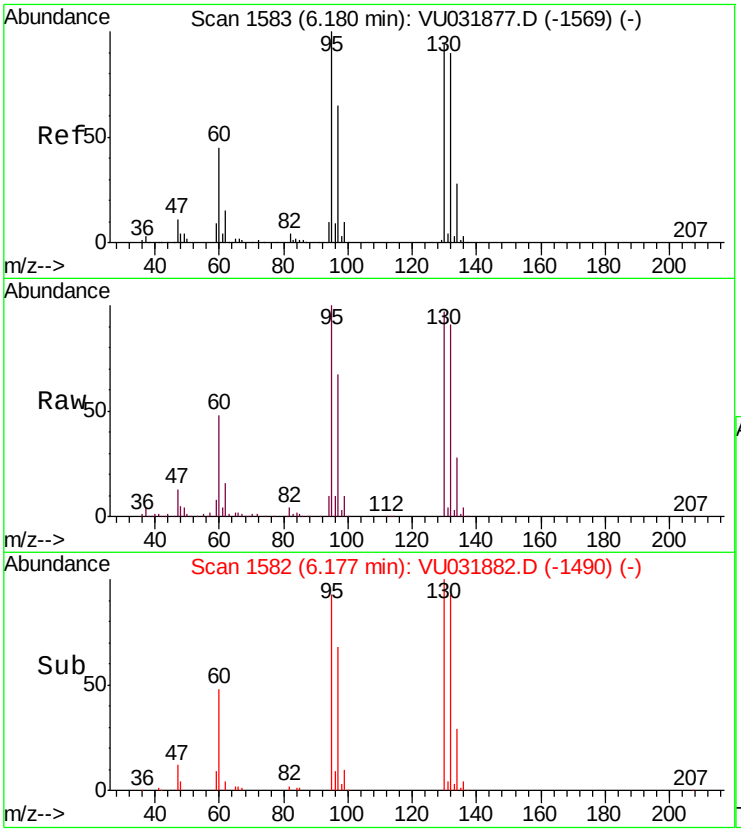


#15
Methyl Acetate
Concen: 0.700 ug/L
RT: 2.63 min Scan# 478
Delta R.T. 0.01 min
Lab File: VU031882.D
Acq: 10 May 2019 12:40

Tgt Ion: 43 Resp: 9836

Ion	Ratio	Lower	Upper
43	100		
74	19.7	15.7	23.5



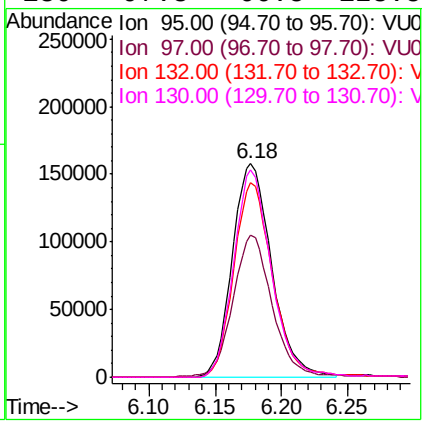


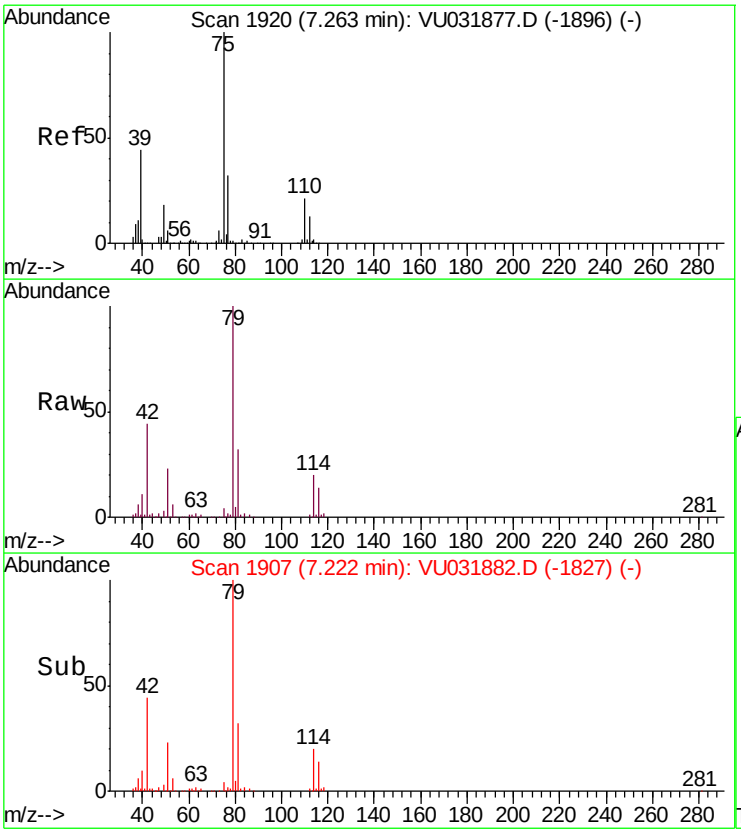
#34
Trichloroethene
Concen: 33.048 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU031882.D
Acq: 10 May 2019 12:40

Instrument :
MSVOA_U
ClientSampleId :
A5165ME

Tgt Ion: 95 Resp: 326637

Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.8	83.2
132	90.9	63.1	117.1
130	97.3	66.5	123.5

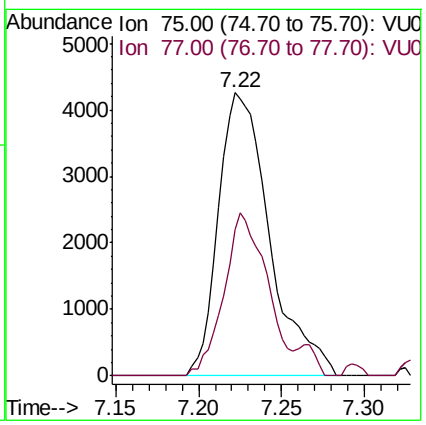


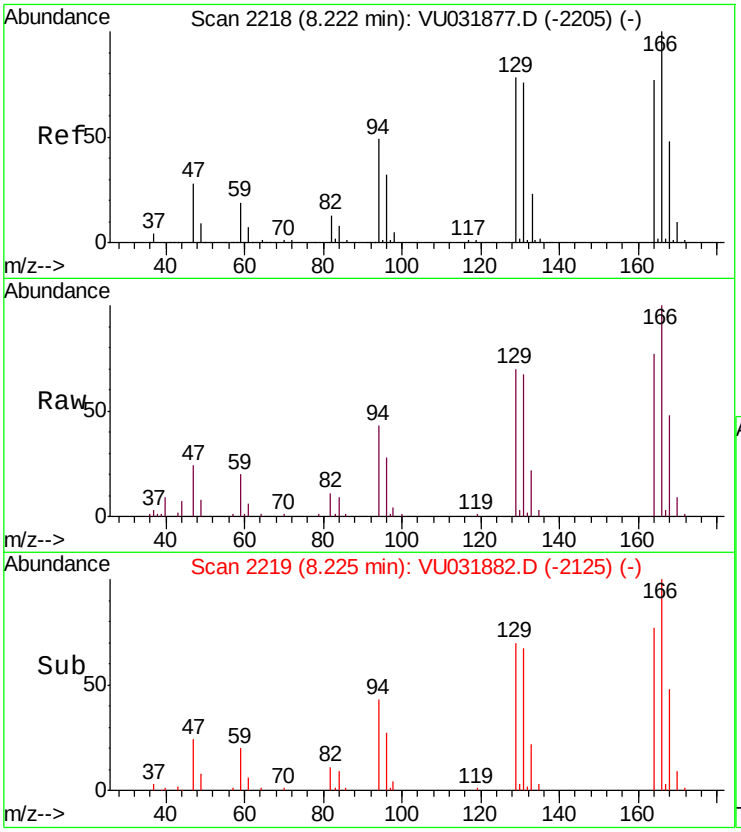


#39
cis-1,3-Dichloropropene
Concen: 0.598 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU031882.D
Acq: 10 May 2019 12:40

Tgt Ion: 75 Resp: 9148

Ion	Ratio	Lower	Upper
75	100		
77	51.6	22.1	41.1#



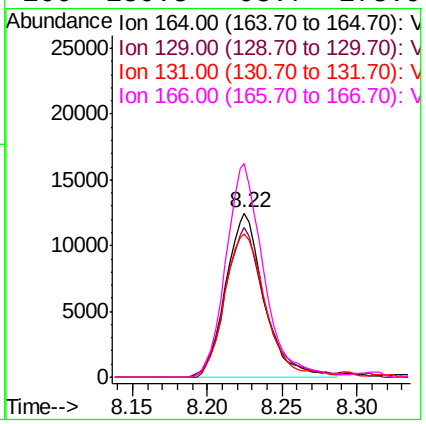


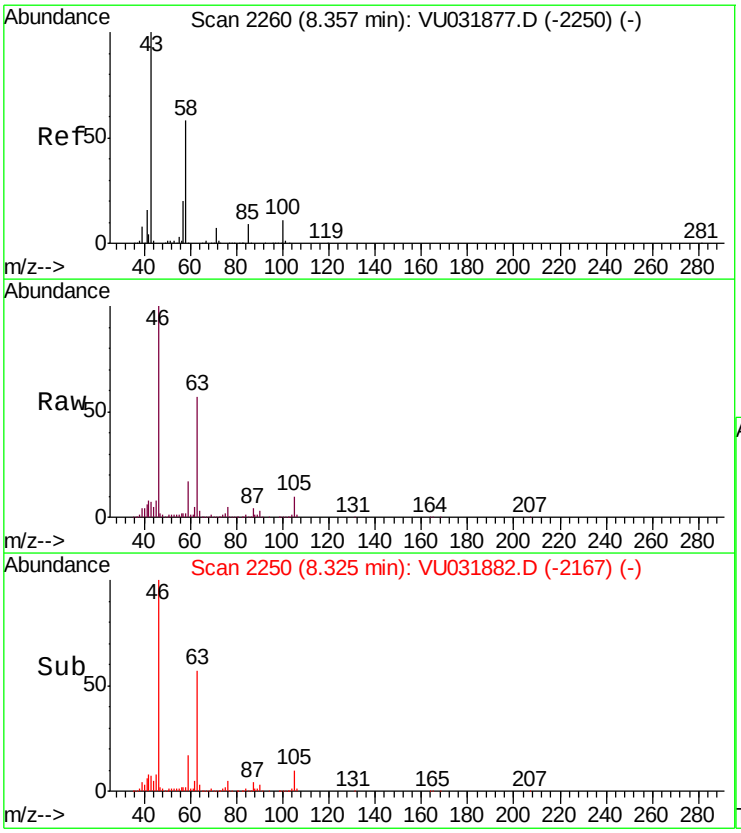
#46
Tetrachloroethene
Concen: 3.307 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031882.D
Acq: 10 May 2019 12:40

Instrument : MSVOA_U
ClientSampleId : A5165ME

Tgt Ion:164 Resp: 22283

Ion	Ratio	Lower	Upper
164	100		
129	91.7	71.5	132.9
131	87.4	69.0	128.2
166	130.3	93.7	173.9

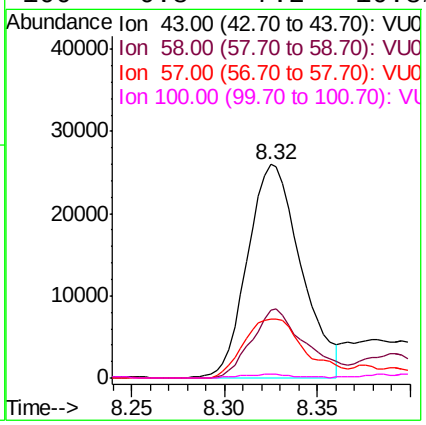


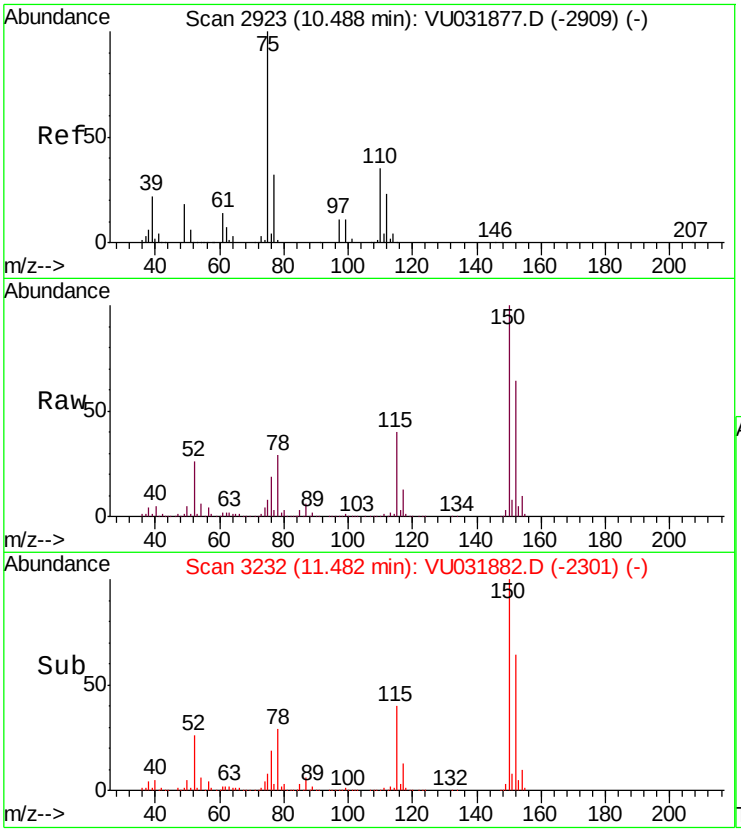


#48
2-Hexanone
Concen: 3.619 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.03 min
Lab File: VU031882.D
Acq: 10 May 2019 12:40

Tgt Ion: 43 Resp: 52133

Ion	Ratio	Lower	Upper
43	100		
58	33.0	42.1	63.1#
57	31.7	14.6	22.0#
100	0.8	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 4.440 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031882.D
Acq: 10 May 2019 12:40

Instrument :
MSVOA_U
ClientSampleId :
A5165ME

Tgt Ion: 75 Resp: 60941

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.9	38.9