Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
Data File : VV012384.D
Acq On : 24 Aug 2019 00:36
Operator : SY/MD
Sample : K4500-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANK6

Quant Time: Aug 26 09:03:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	238105	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	233268	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91788	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	62354	5.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.80%			
7) Chloroethane-d5	1.58	69	43535	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.13	63	79568	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.20%			
20) 2-Butanone-d5	3.94	46	112310	35.02	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.04%			
24) Chloroform-d	4.40	84	121084	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.08	65	66087	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.10	84	264750	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.12	67	81687	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.36	98	217241	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	7.66	79	25197	3.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%			
46) 2-Hexanone-d5	8.13	63	73804	36.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.94%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45018	3.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	77874	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
13) Acetone	2.19	43	82410	59.396	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	8147	0.283	ug/L #	87
18) trans-1,2-Dichloroethene	2.79	96	3783	0.266	ug/L	96
21) 2-Butanone	4.02	43	18986	5.826	ug/L	87
25) Chloroform	4.43	83	15852	0.538	ug/L	99
34) Trichloroethene	5.96	95	79050	4.924	ug/L	99
47) Tetrachloroethene	8.02	164	2597041	200.496	ug/L	96

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

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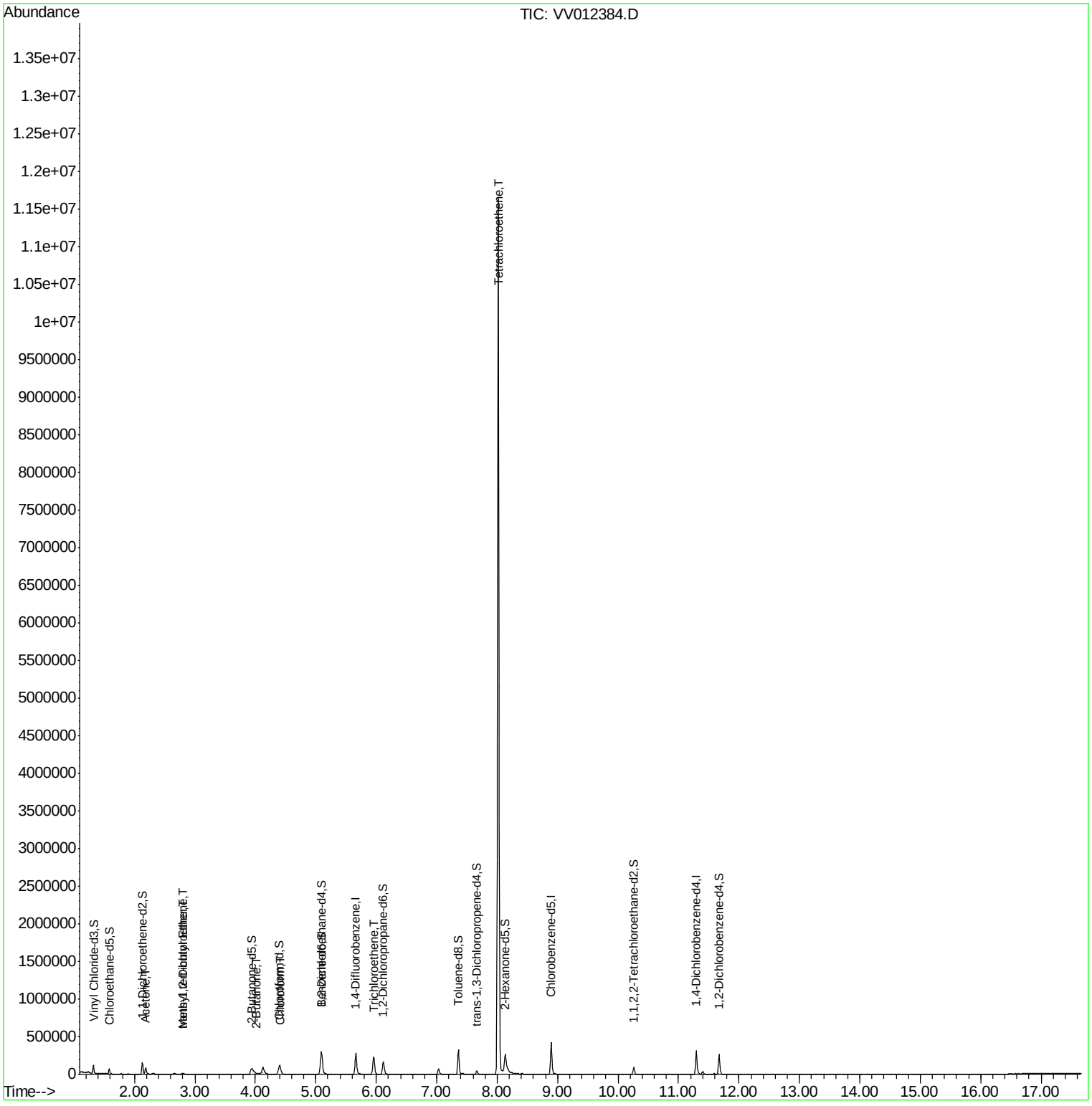
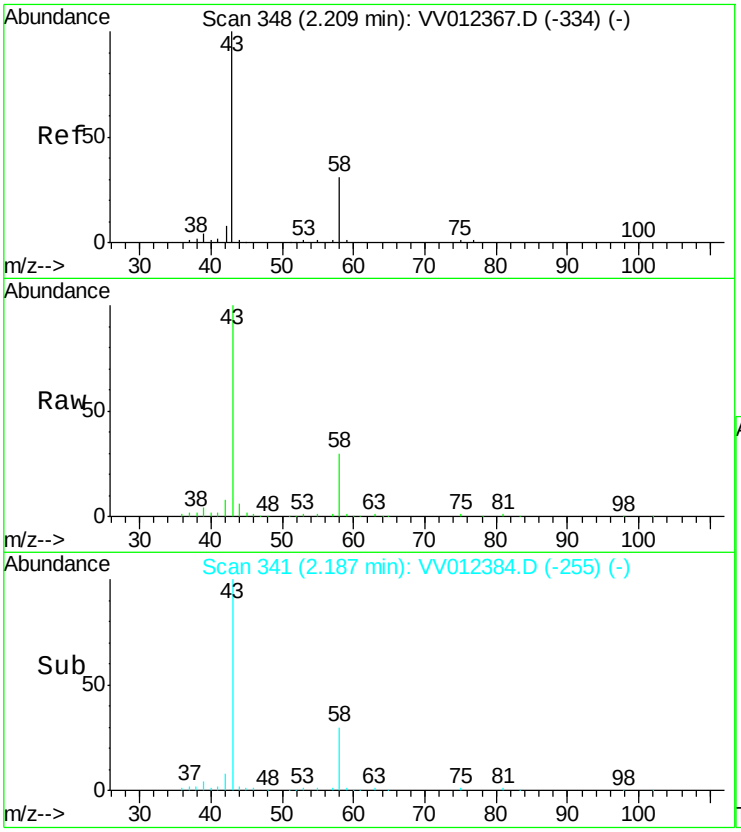


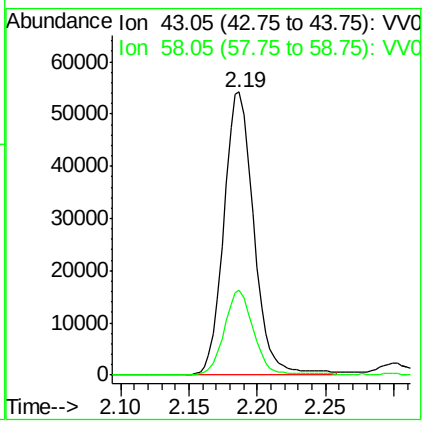


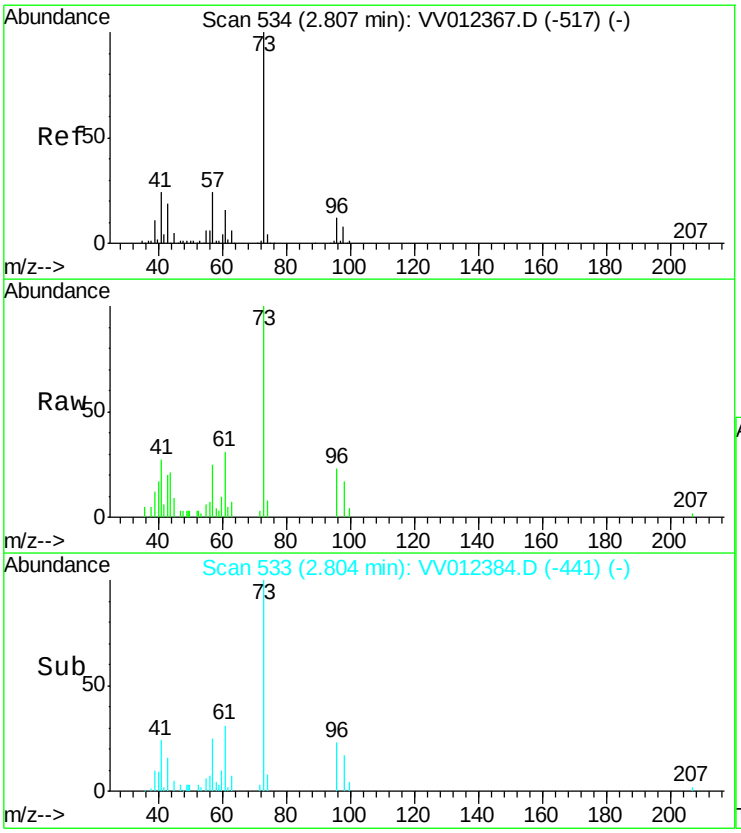
#13
Acetone
Concen: 59.396 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV012384.D
Acq: 24 Aug 2019 00:36

Instrument :
MSVOA_V
ClientSampleId :
GANK6

Tgt Ion: 43 Resp: 82410

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	62.8

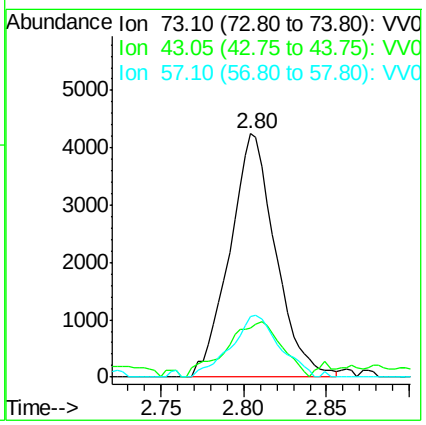


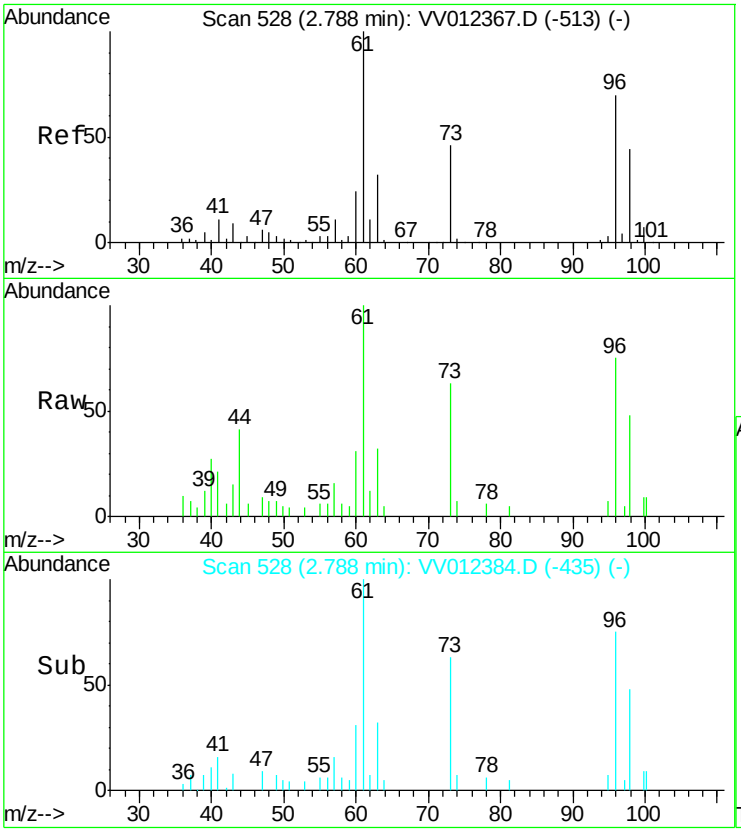


#17
Methyl tert-butyl Ether
Concen: 0.283 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV012384.D
Acq: 24 Aug 2019 00:36

Tgt Ion: 73 Resp: 8147

Ion	Ratio	Lower	Upper
73	100		
43	27.3	15.0	22.6#
57	26.8	18.0	27.0



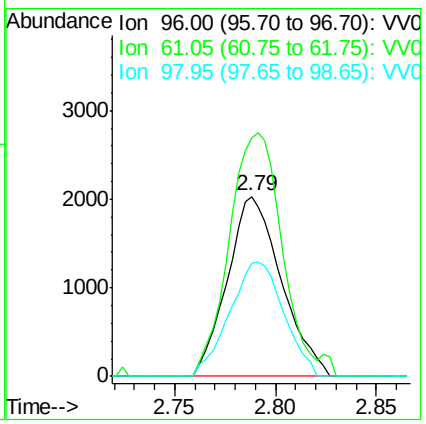


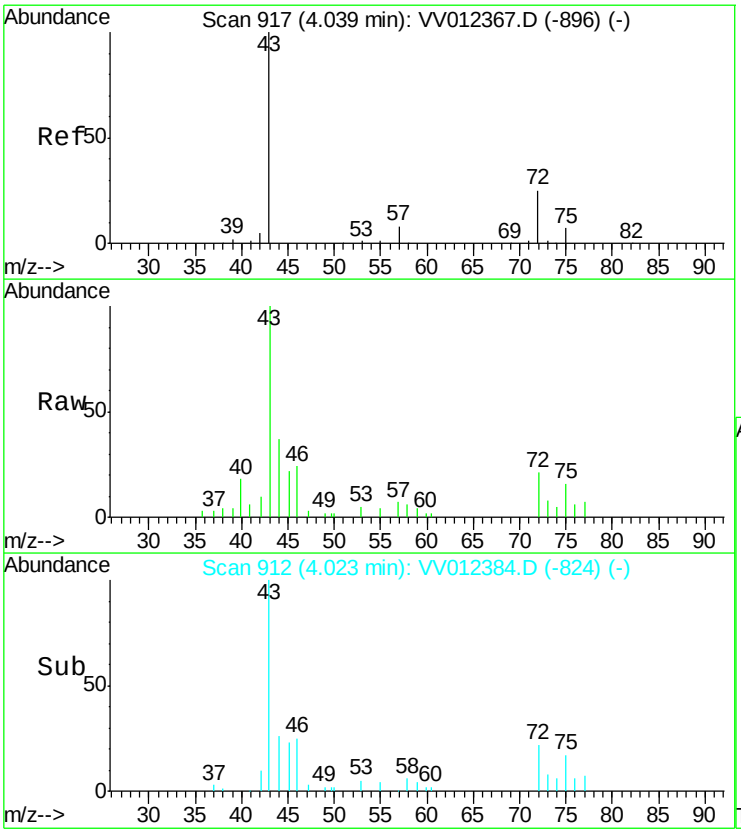
#18
trans-1,2-Dichloroethene
Concen: 0.266 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV012384.D
Acq: 24 Aug 2019 00:36

Instrument :
MSVOA_V
ClientSampleId :
GANK6

Tgt Ion: 96 Resp: 3783

Ion	Ratio	Lower	Upper
96	100		
61	132.5	96.0	178.4
98	62.9	42.1	78.3

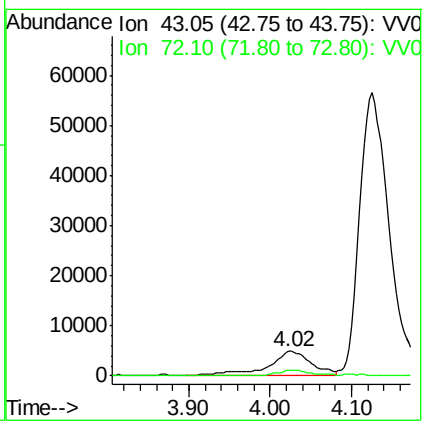


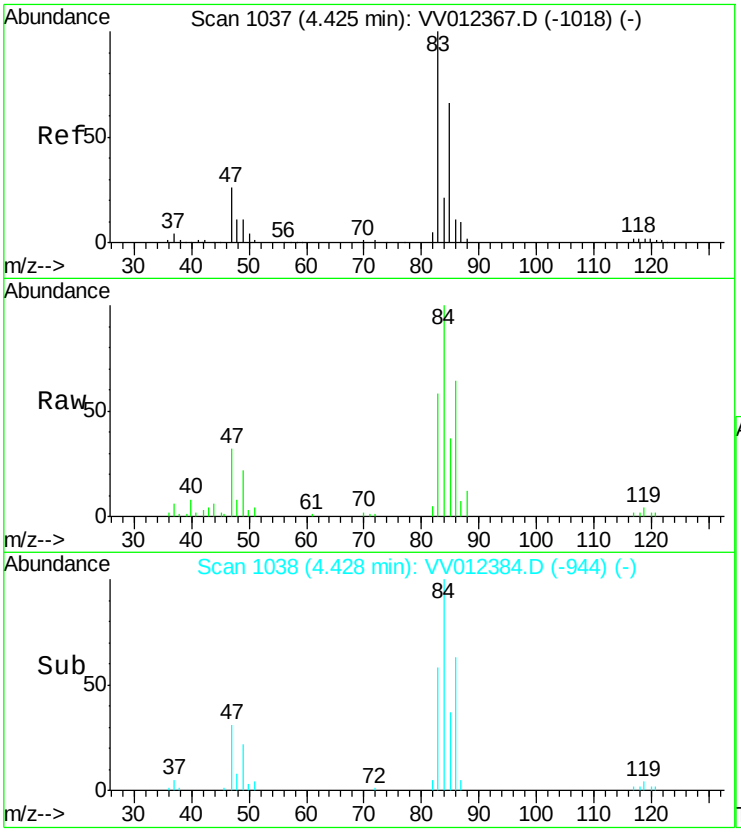


#21
2-Butanone
Concen: 5.826 ug/L
RT: 4.02 min Scan# 912
Delta R.T. -0.02 min
Lab File: VV012384.D
Acq: 24 Aug 2019 00:36

Tgt Ion: 43 Resp: 18986

Ion	Ratio	Lower	Upper
43	100		
72	18.1	12.2	36.6



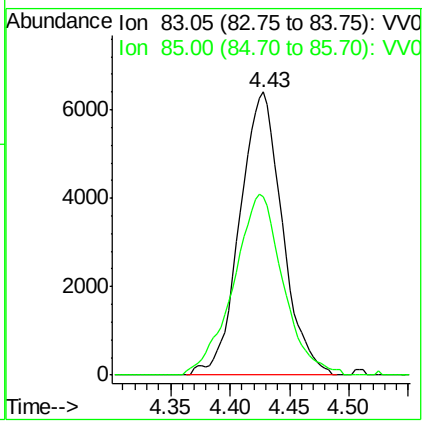


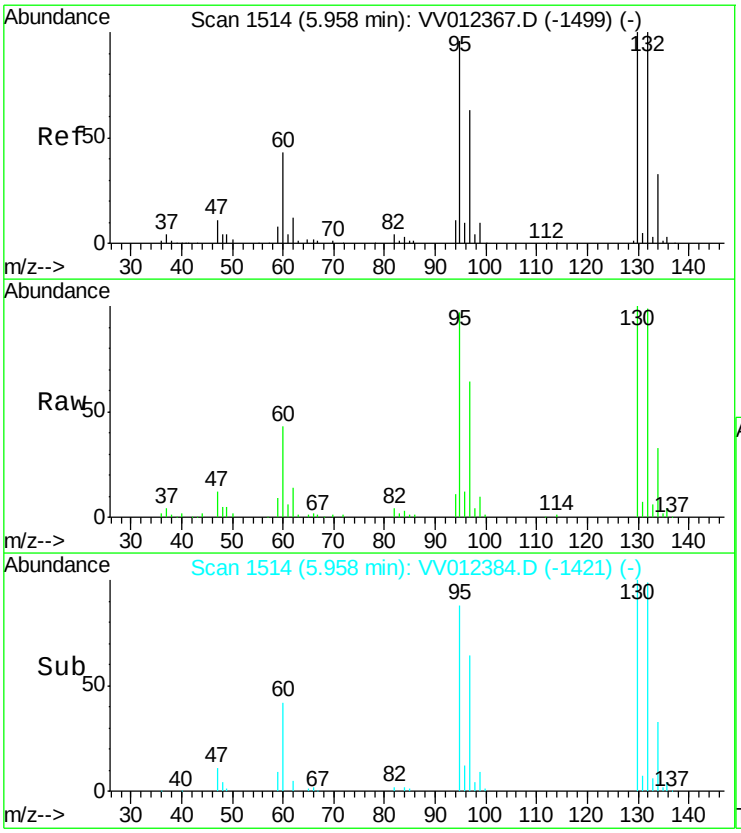
#25
Chloroform
Concen: 0.538 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012384.D
Acq: 24 Aug 2019 00:36

Instrument :
MSVOA_V
ClientSampleId :
GANK6

Tgt Ion: 83 Resp: 15852

Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.6	82.8

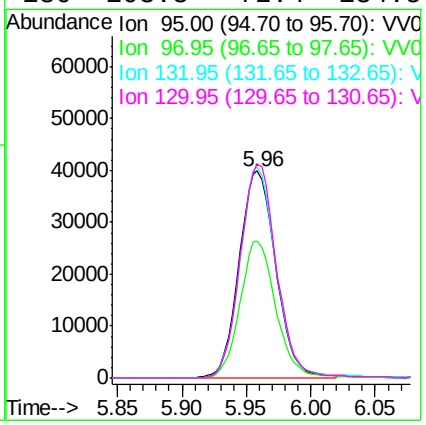


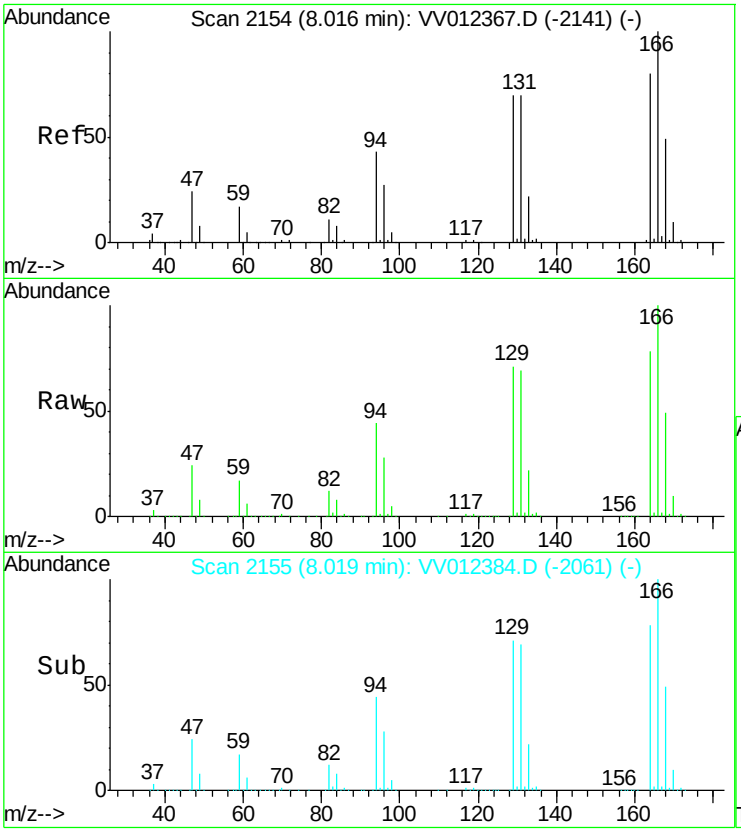


#34
Trichloroethene
Concen: 4.924 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012384.D
Acq: 24 Aug 2019 00:36

Tgt Ion: 95 Resp: 79050

Ion	Ratio	Lower	Upper
95	100		
97	66.3	46.3	86.1
132	102.0	70.3	130.7
130	103.3	72.4	134.5

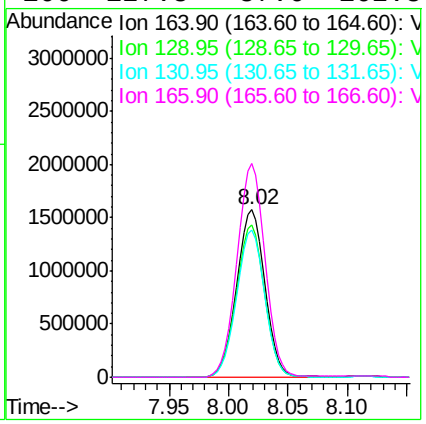




#47
Tetrachloroethene
Concen: 200.496 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012384.D
Acq: 24 Aug 2019 00:36

Tgt Ion:164 Resp: 2597041

Ion	Ratio	Lower	Upper
164	100		
129	91.1	60.6	112.6
131	88.4	58.8	109.2
166	127.8	87.6	162.8



Instrument :
MSVOA_V
ClientSampleId :
GANK6