Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051220\
Data File : VV016008.D
Acq On : 12 May 2020 12:48
Operator : SY/MD
Sample : L2541-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H41Y7

Manual Integrations APPROVED
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Quant Time: May 13 07:20:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	132256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131388	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	54558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31288	4.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.20%			
7) Chloroethane-d5	1.58	69	31041	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.12	63	51598	3.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.80%			
20) 2-Butanone-d5	3.95	46	113762	55.58	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.16%			
24) Chloroform-d	4.38	84	73151	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.06	65	45216	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.08	84	150599	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.10	67	49458	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.34	98	131100	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
45) trans-1,3-Dichloropropene-	7.65	79	12181	3.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.00%			
48) 2-Hexanone-d5	8.12	63	75616	45.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.92%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35485	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	46278	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	9116	0.900	ug/L	100
9) Trichlorofluoromethane	1.77	101	1299	0.097	ug/L	95
13) Acetone	2.24	43	5052m	3.742	ug/L	
17) Methyl tert-butyl Ether	2.79	73	1989	0.105	ug/L #	87
22) cis-1,2-Dichloroethene	3.94	96	1490	0.177	ug/L	75
25) Chloroform	4.41	83	13950	0.818	ug/L	97
34) Trichloroethene	5.94	95	12779	1.354	ug/L	96
49) Tetrachloroethene	8.00	164	73836	11.215	ug/L	99

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

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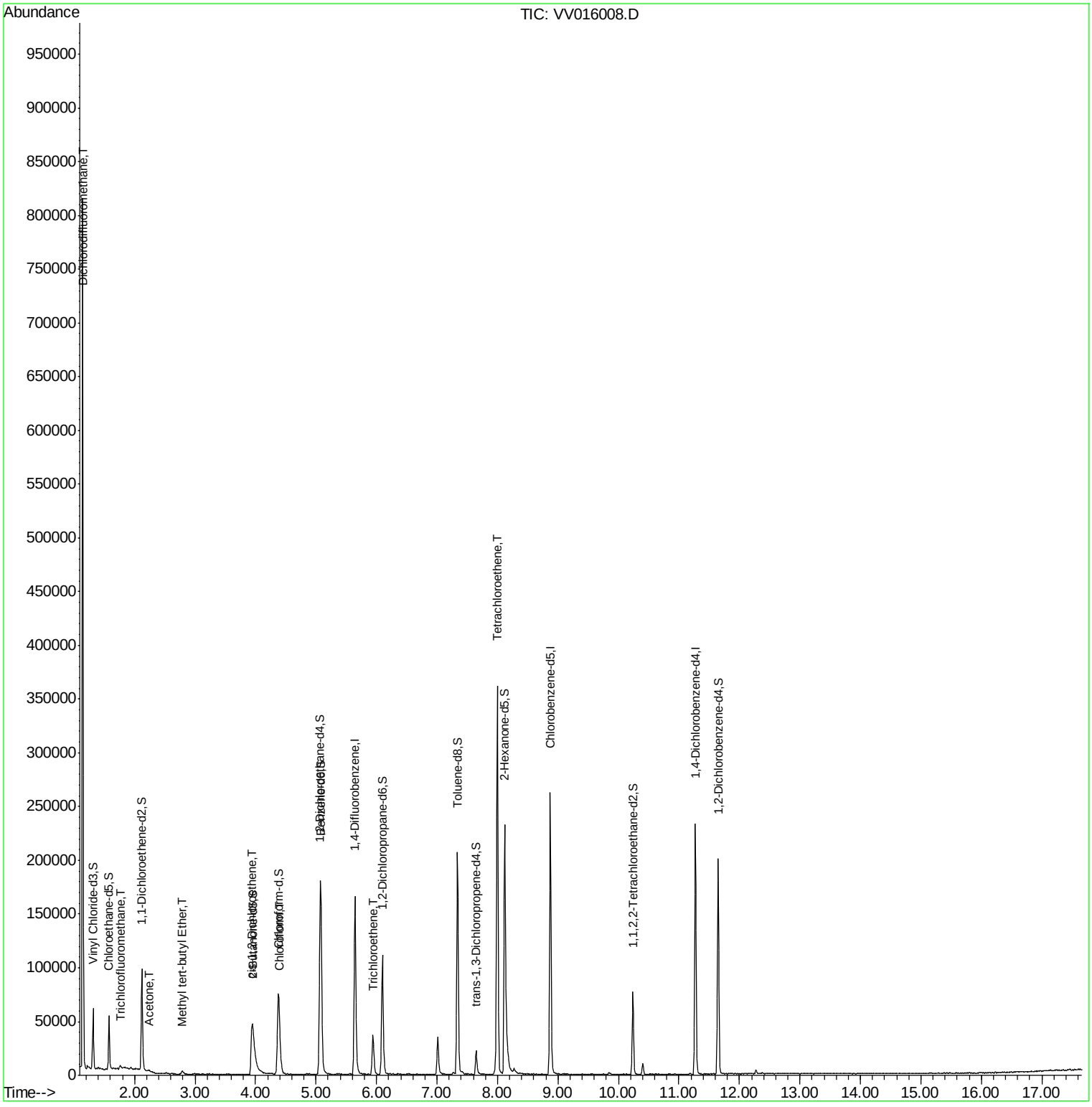
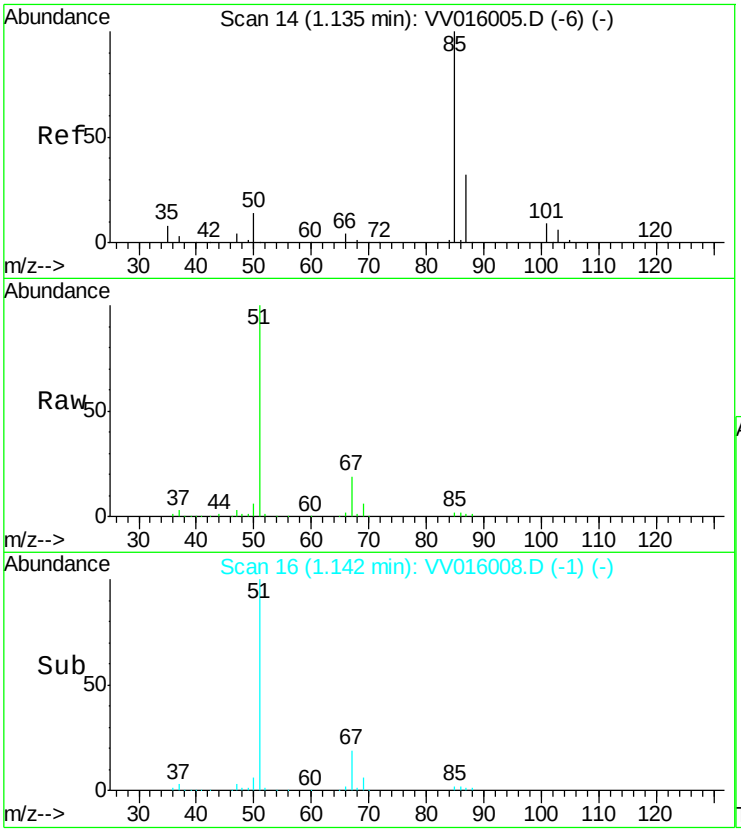
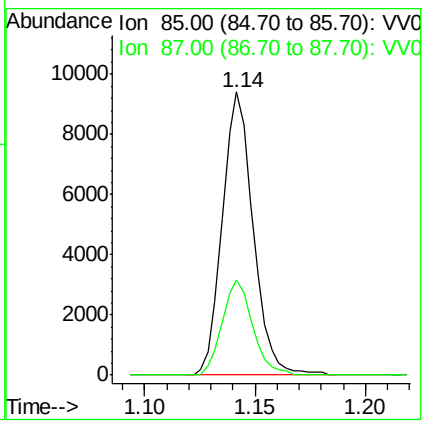




#2
Dichlorodifluoromethane
Concen: 0.900 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.01 min
Lab File: VV016008.D
Acq: 12 May 2020 12:48

Tgt Ion: 85 Resp: 9116

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.4	39.6



Instrument :
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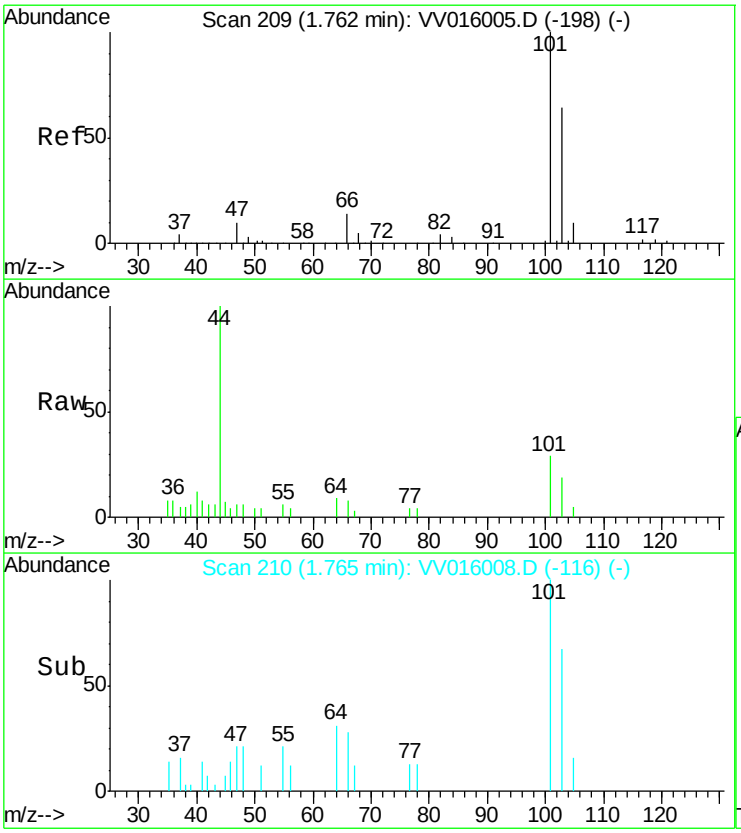
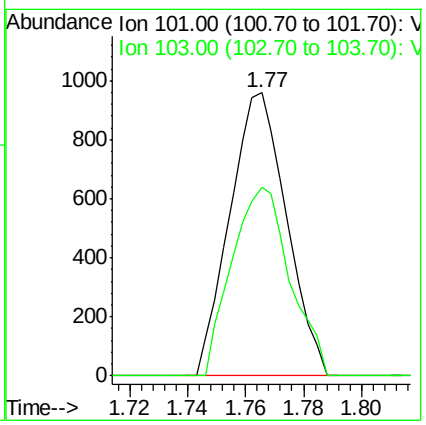
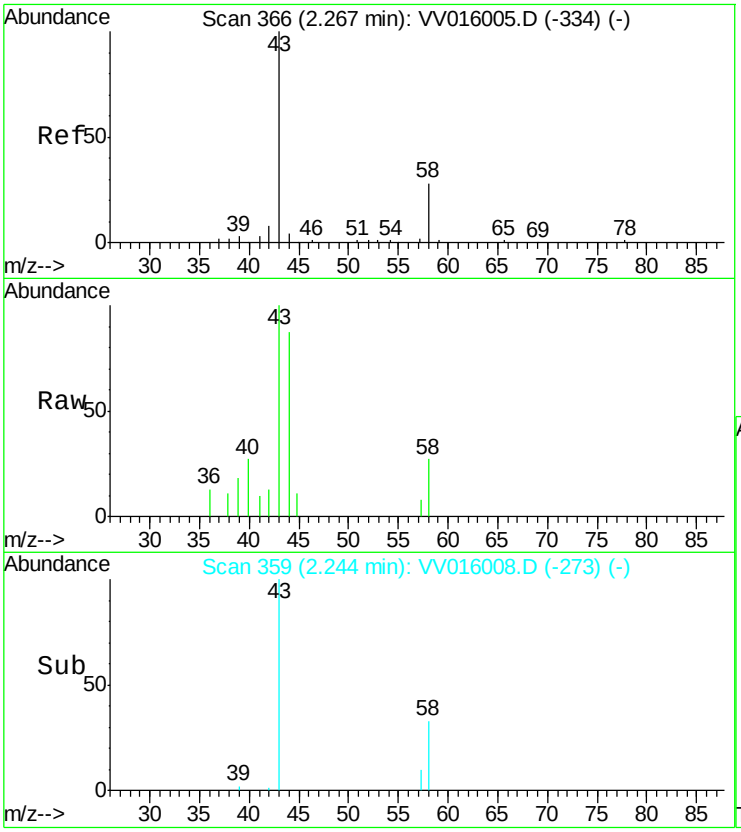


#9
Trichlorofluoromethane
Concen: 0.097 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV016008.D
Acq: 12 May 2020 12:48

Tgt Ion:101 Resp: 1299

Ion	Ratio	Lower	Upper
101	100		
103	68.6	51.4	77.2

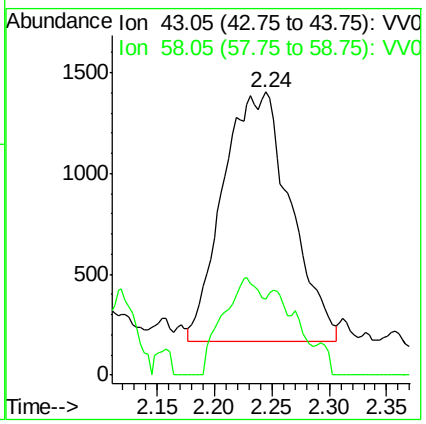




#13
Acetone
Concen: 3.742 ug/L m
RT: 2.24 min Scan# 359
Delta R.T. -0.02 min
Lab File: VV016008.D
Acq: 12 May 2020 12:48

Tgt Ion: 43 Resp: 5052

Ion	Ratio	Lower	Upper
43	100		
58	22.9	0.0	30.8



Instrument :
MSVOA_V
ClientSampleId :
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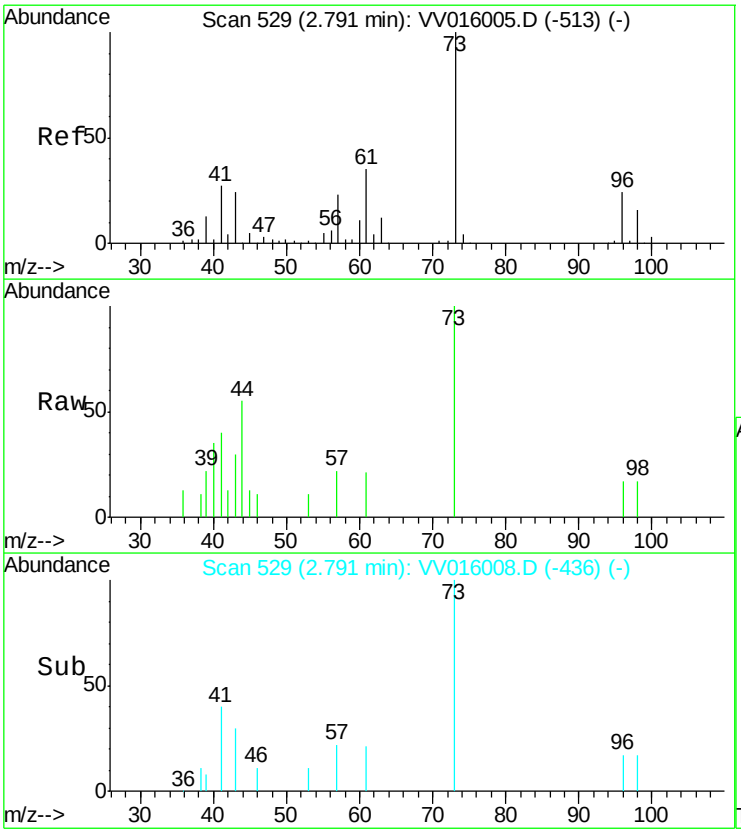
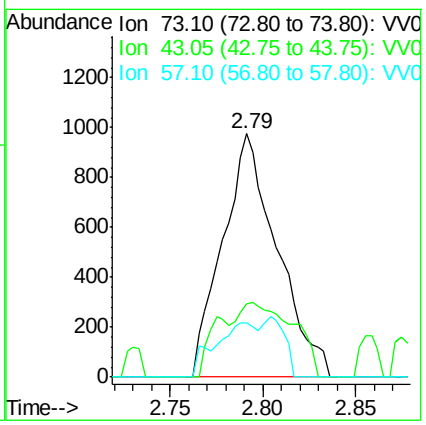
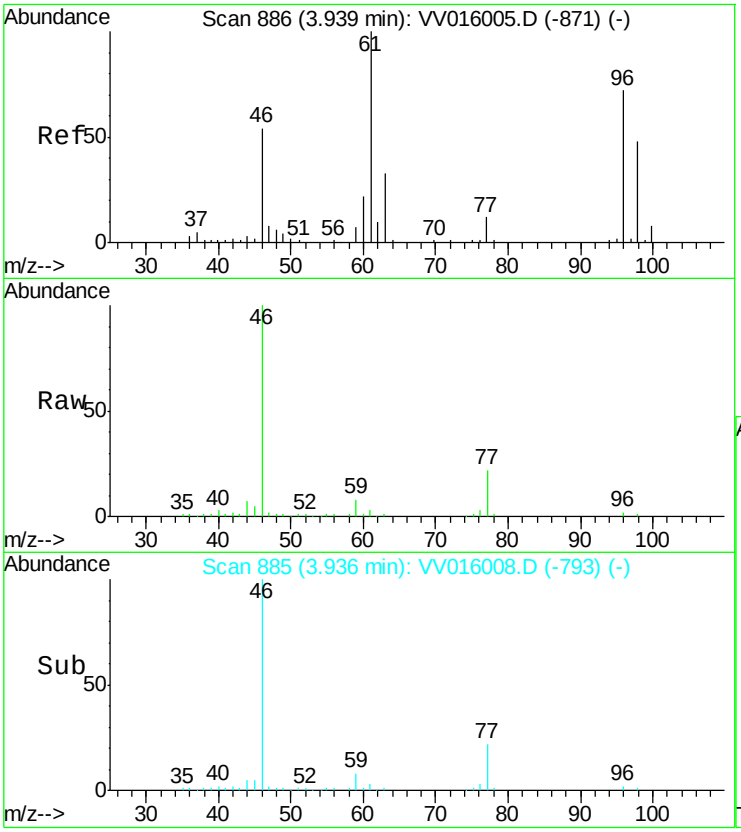


#17
Methyl tert-butyl Ether
Concen: 0.105 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV016008.D
Acq: 12 May 2020 12:48

Tgt Ion: 73 Resp: 1989

Ion	Ratio	Lower	Upper
73	100		
43	31.9	18.8	28.2#
57	17.7	17.8	26.6#

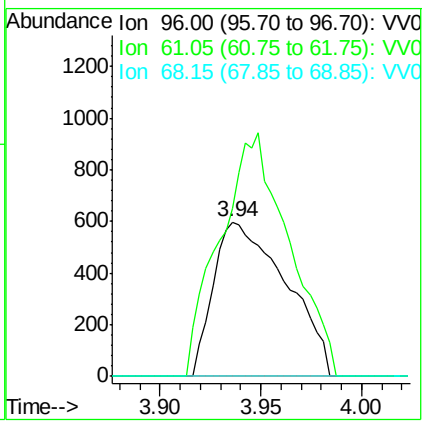




#22
cis-1,2-Dichloroethene
Concen: 0.177 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016008.D
Acq: 12 May 2020 12:48

Tgt Ion: 96 Resp: 1490

Ion	Ratio	Lower	Upper
96	100		
61	109.2	97.2	180.6
68	0.0	0.0	0.0



Instrument :
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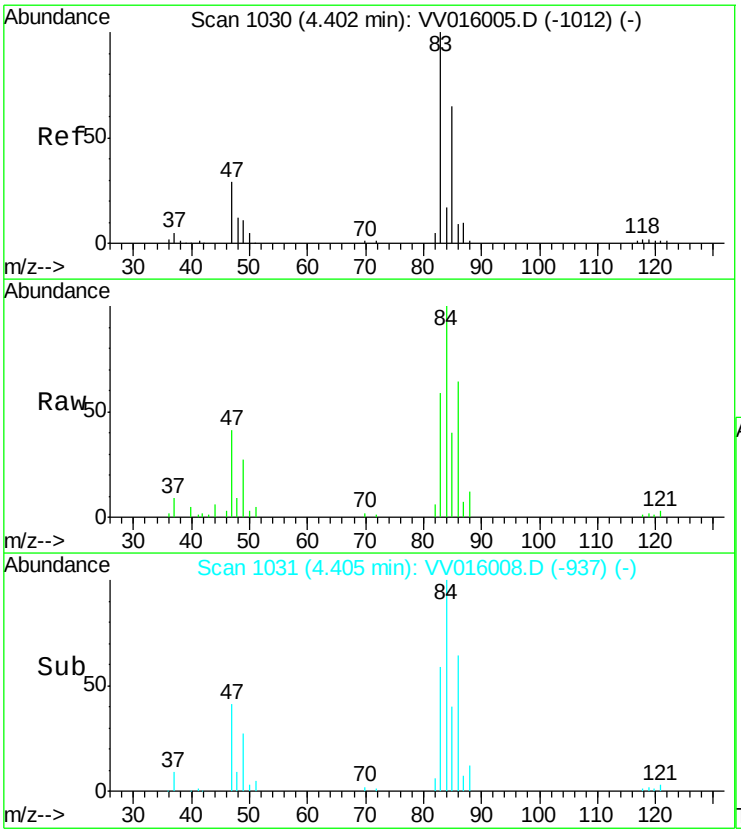
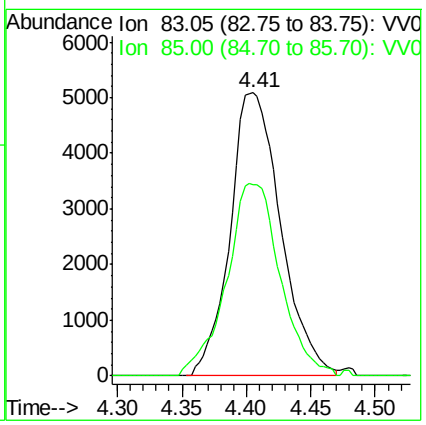
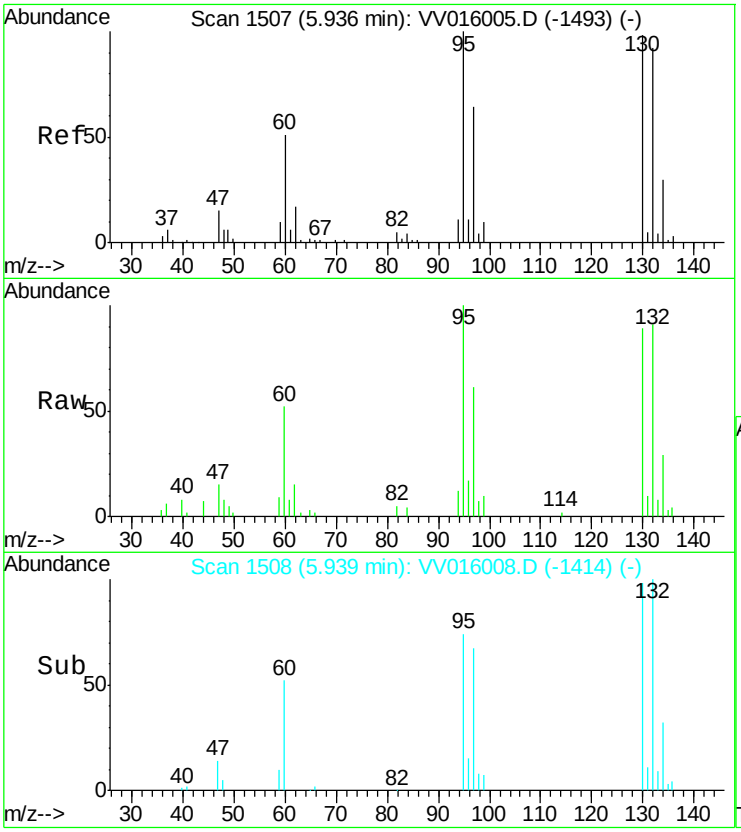


#25
Chloroform
Concen: 0.818 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016008.D
Acq: 12 May 2020 12:48

Tgt Ion: 83 Resp: 13950

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.7	84.9

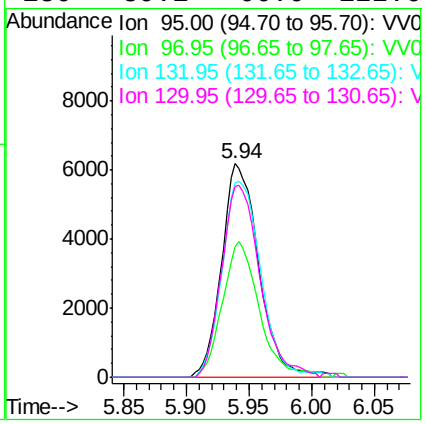




#34
Trichloroethene
Concen: 1.354 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016008.D
Acq: 12 May 2020 12:48

Tgt Ion: 95 Resp: 12779

Ion	Ratio	Lower	Upper
95	100		
97	60.9	43.3	80.5
132	90.9	60.3	112.1
130	89.1	66.0	122.6



Instrument :
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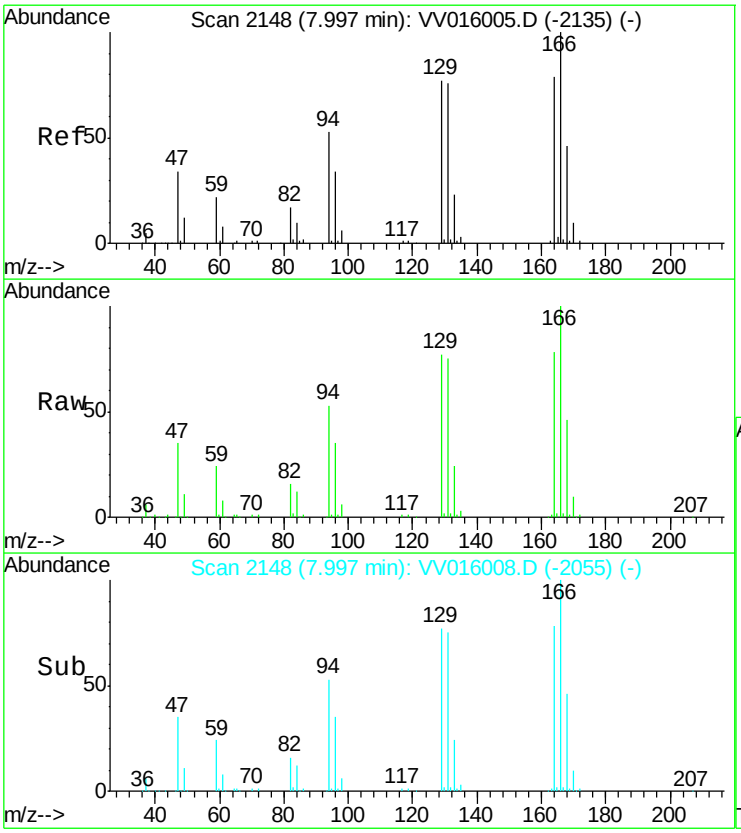

#49
Tetrachloroethene
Concen: 11.215 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV016008.D
Acq: 12 May 2020 12:48

Tgt Ion:164 Resp: 73836

Ion	Ratio	Lower	Upper
164	100		
129	99.7	69.7	129.4
131	96.6	66.8	124.2
166	128.8	89.1	165.5