Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051220\
Data File : VV016015.D
Acq On : 12 May 2020 15:30
Operator : SY/MD
Sample : L2541-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4255

Quant Time: May 13 07:53:32 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	133322	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	132248	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	56672	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29833	4.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.40%			
7) Chloroethane-d5	1.58	69	31624	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.12	63	48784	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	3.94	46	107057	51.89	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.78%			
24) Chloroform-d	4.38	84	75838	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.06	65	46899	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.08	84	149772	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.10	67	49149	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.34	98	128726	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
45) trans-1,3-Dichloropropene-	7.65	79	12314	3.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.40%			
48) 2-Hexanone-d5	8.12	63	69014	41.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.34%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34418	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	48340	5.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	2575	0.252	ug/L	91
13) Acetone	2.22	43	5548	4.076	ug/L	82
17) Methyl tert-butyl Ether	2.79	73	2402	0.126	ug/L #	89
25) Chloroform	4.40	83	8845	0.514	ug/L	98
34) Trichloroethene	5.94	95	7745	0.816	ug/L	97
49) Tetrachloroethene	8.00	164	61546	9.288	ug/L	99

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

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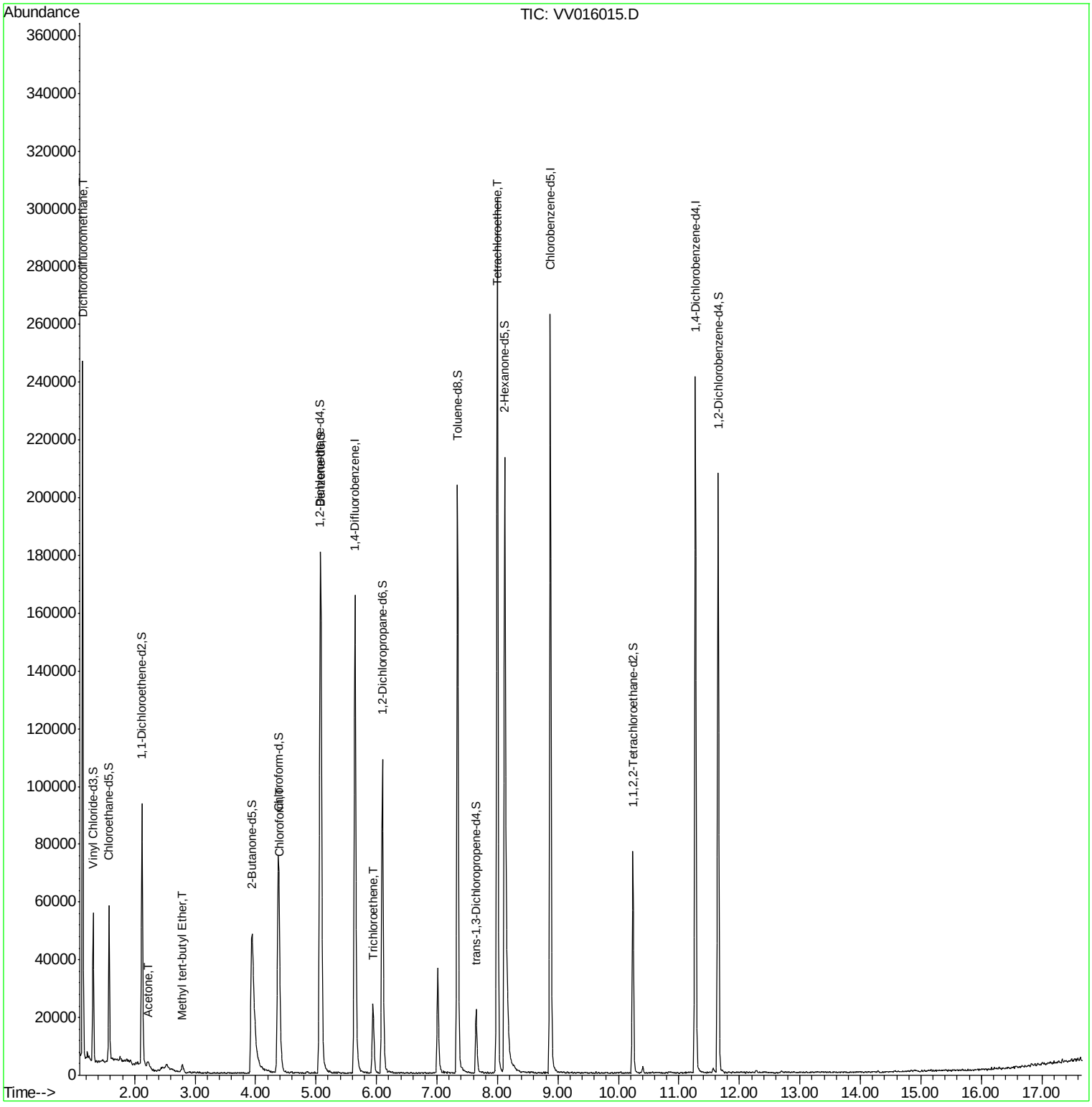
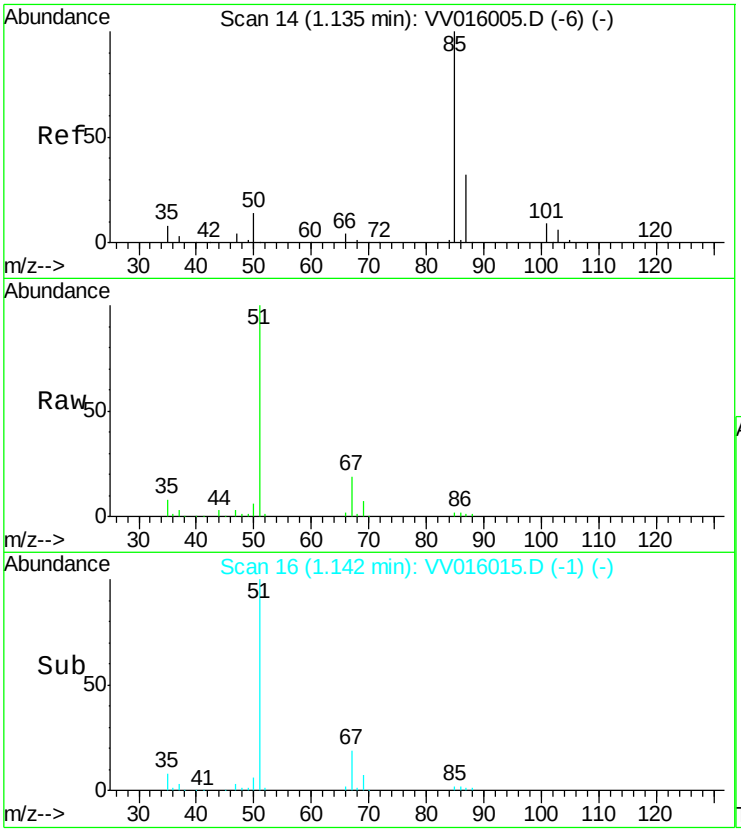


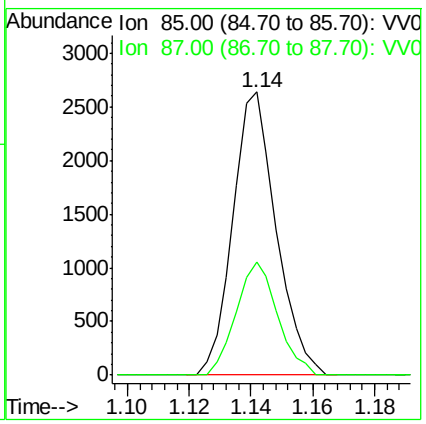


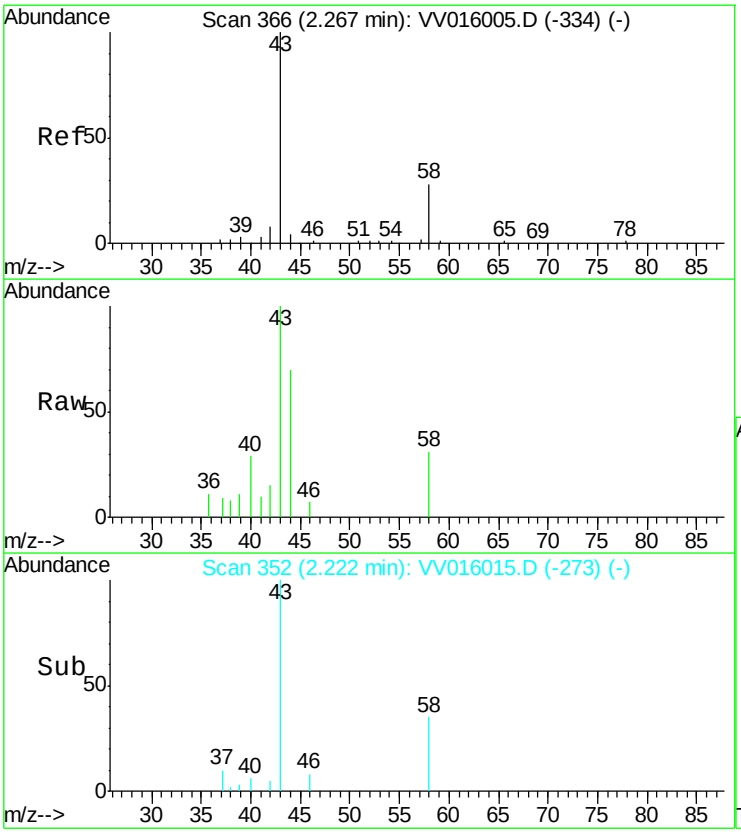
#2
Dichlorodifluoromethane
Concen: 0.252 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.01 min
Lab File: VV016015.D
Acq: 12 May 2020 15:30

Instrument :
MSVOA_V
ClientSampleId :
H4255

Tgt Ion: 85 Resp: 2575

Ion	Ratio	Lower	Upper
85	100		
87	38.2	26.4	39.6

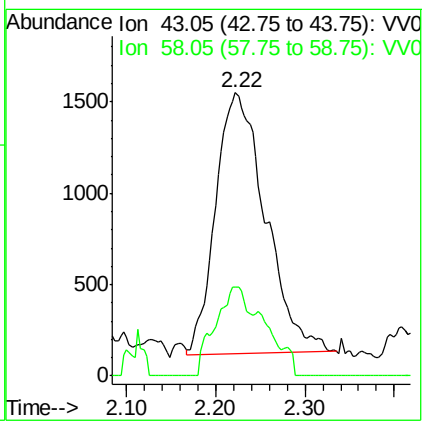


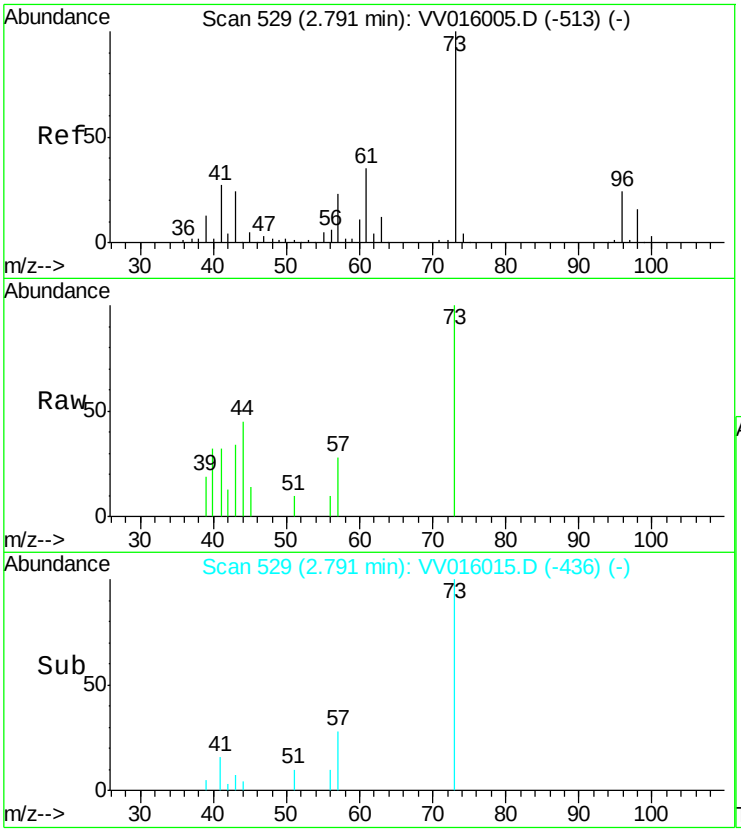


#13
Acetone
Concen: 4.076 ug/L
RT: 2.22 min Scan# 352
Delta R.T. -0.05 min
Lab File: VV016015.D
Acq: 12 May 2020 15:30

Tgt Ion: 43 Resp: 5548

Ion	Ratio	Lower	Upper
43	100		
58	22.8	0.0	30.8



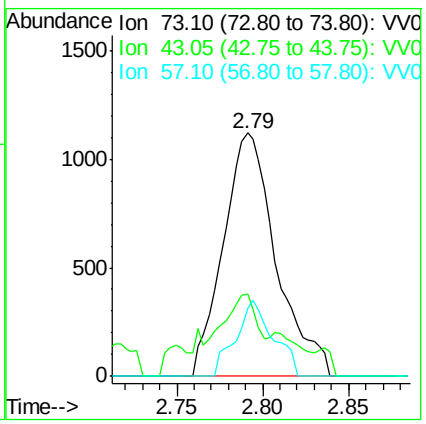


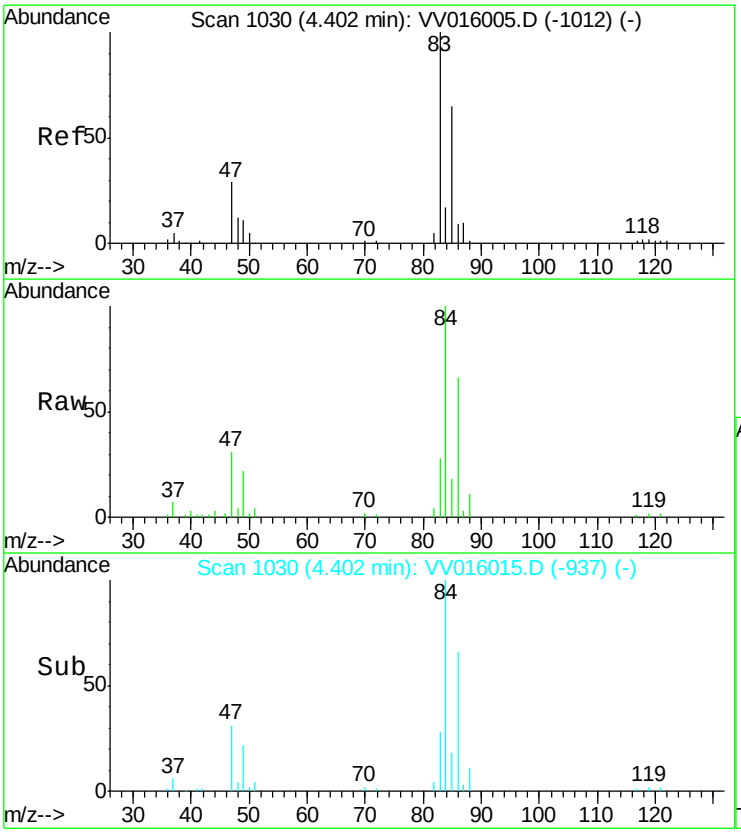
#17
Methyl tert-butyl Ether
Concen: 0.126 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV016015.D
Acq: 12 May 2020 15:30

Instrument :
MSVOA_V
ClientSampleId :
H4255

Tgt Ion: 73 Resp: 2402

Ion	Ratio	Lower	Upper
73	100		
43	12.8	18.8	28.2#
57	22.0	17.8	26.6

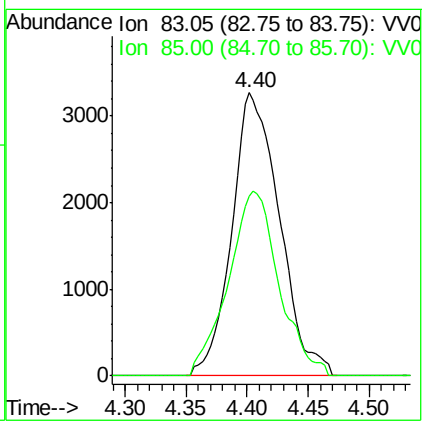


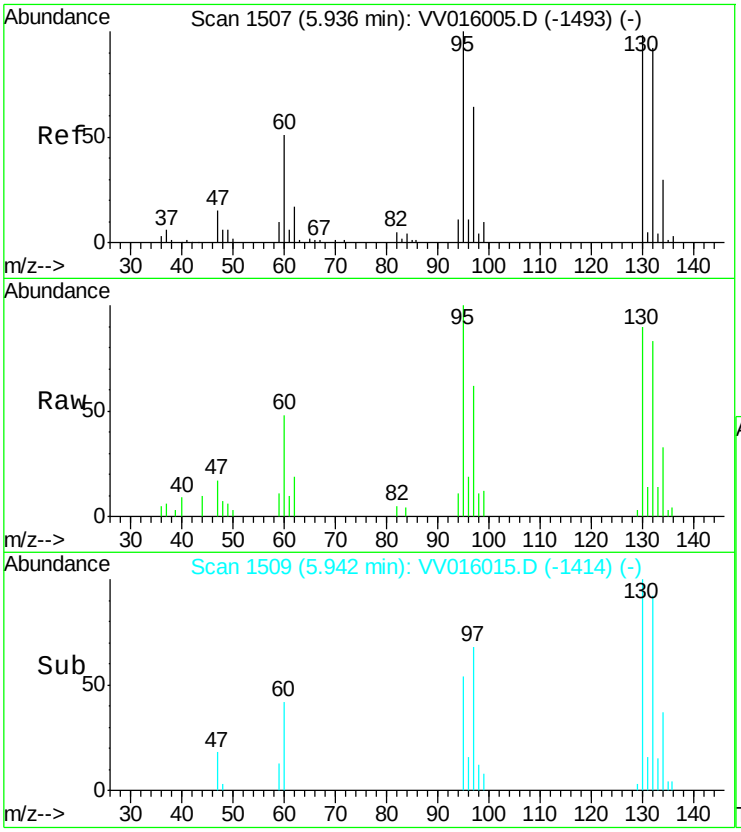


#25
Chloroform
Concen: 0.514 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016015.D
Acq: 12 May 2020 15:30

Tgt Ion: 83 Resp: 8845

Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.7	84.9



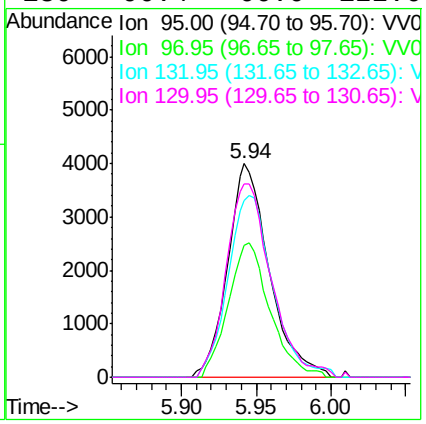


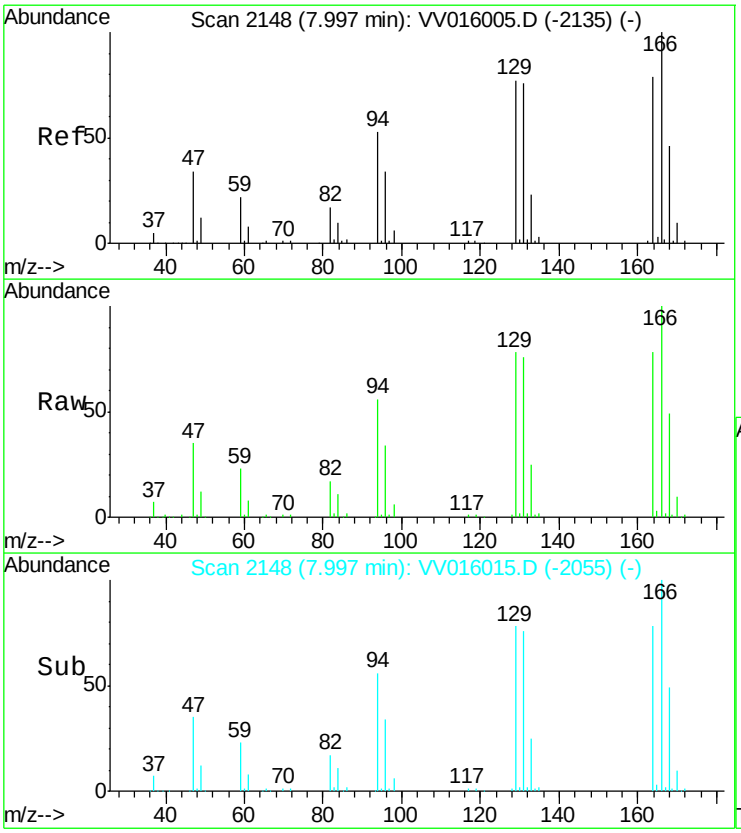
#34
Trichloroethene
Concen: 0.816 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016015.D
Acq: 12 May 2020 15:30

Instrument : MSVOA_V
ClientSampleId : H4255

Tgt Ion: 95 Resp: 7745

Ion	Ratio	Lower	Upper
95	100		
97	61.6	43.3	80.5
132	82.9	60.3	112.1
130	90.4	66.0	122.6





#49
Tetrachloroethene
Concen: 9.288 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV016015.D
Acq: 12 May 2020 15:30

Tgt Ion:164 Resp: 61546

Ion	Ratio	Lower	Upper
164	100		
129	99.7	69.7	129.4
131	97.6	66.8	124.2
166	128.2	89.1	165.5