Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112818\
Data File : VV008743.D
Acq On : 28 Nov 2018 18:04
Operator : SY/MD
Sample : J6076-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : YALQ2

Quant Time: Nov 29 03:50:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169865	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	154622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66818	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44305	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.59	69	36672	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.40%			
11) 1,1-Dichloroethene-d2	2.14	63	67408	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	3.97	46	130899	49.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.70%			
24) Chloroform-d	4.41	84	103328	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.09	65	53786	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.10	84	222659	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.12	67	68355	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.36	98	195708	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	7.67	79	21337	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.14	63	89436	47.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.62%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	41865	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	68061	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	63263	4.335	ug/L	99
9) Trichlorofluoromethane	1.77	101	18749	1.163	ug/L	97
31) Carbon tetrachloride	4.88	117	3106	0.205	ug/L	98
34) Trichloroethene	5.96	95	15303	1.192	ug/L	97
47) Tetrachloroethene	8.02	164	295275	30.513	ug/L	98

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

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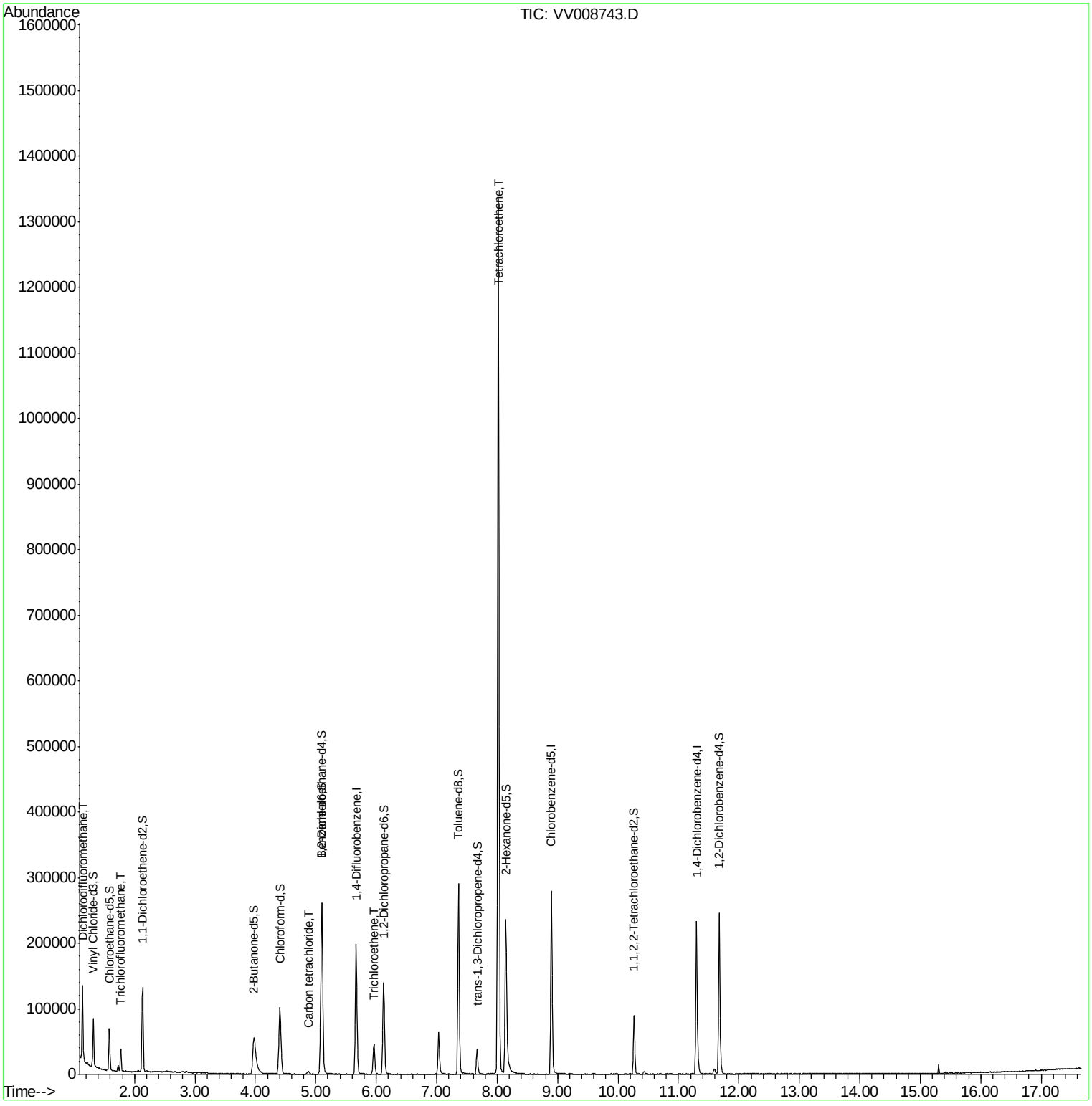
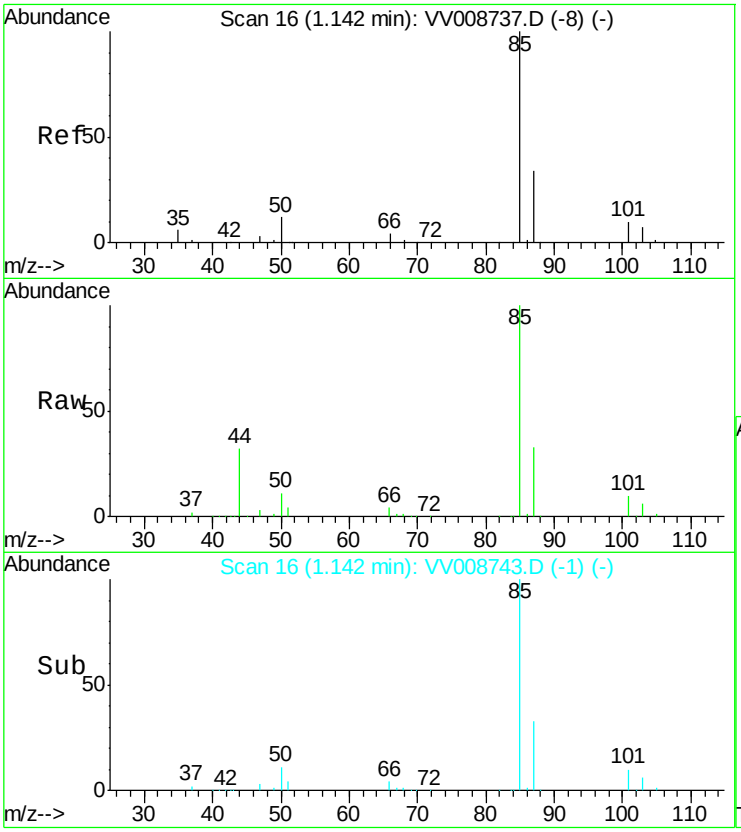


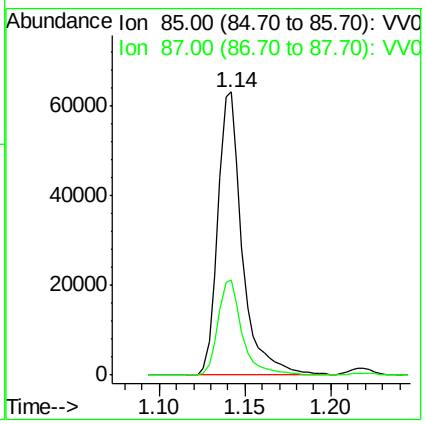


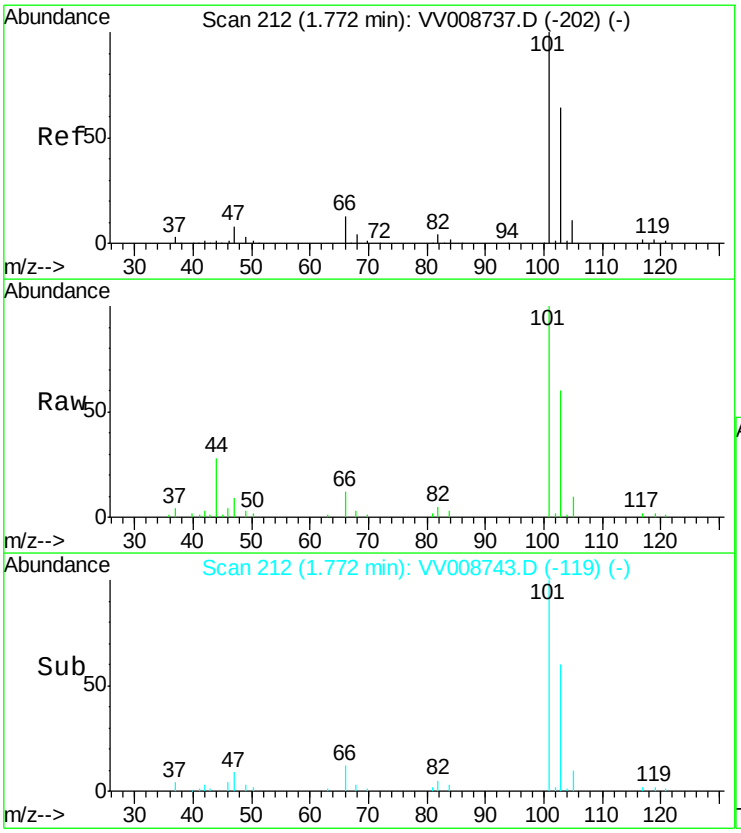
#2
Dichlorodifluoromethane
Concen: 4.335 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV008743.D
Acq: 28 Nov 2018 18:04

Instrument : MSVOA_V
ClientSampleId : YALQ2

Tgt Ion: 85 Resp: 63263

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.2	39.4

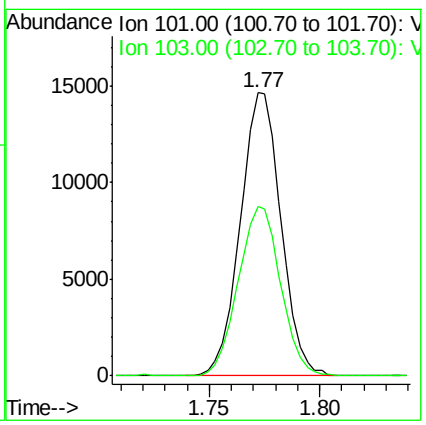


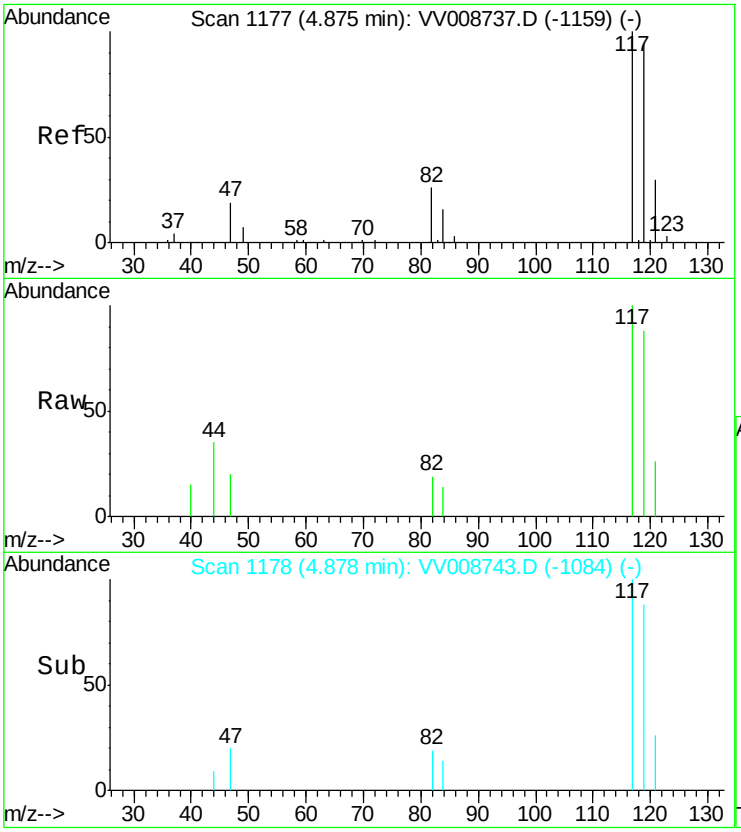


#9
Trichlorofluoromethane
Concen: 1.163 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV008743.D
Acq: 28 Nov 2018 18:04

Tgt Ion:101 Resp: 18749

Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.8	77.6



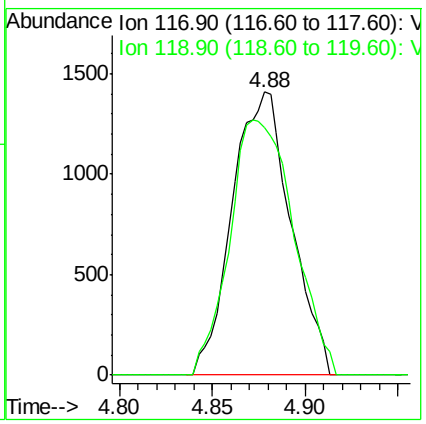


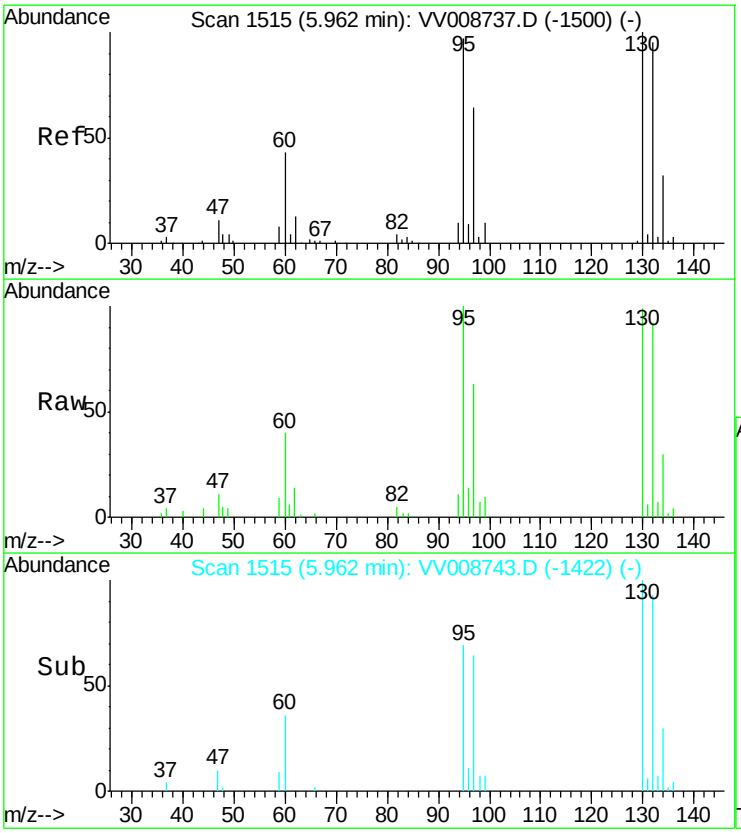
#31
Carbon tetrachloride
Concen: 0.205 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV008743.D
Acq: 28 Nov 2018 18:04

Instrument : MSVOA_V
ClientSampleId : YALQ2

Tgt Ion:117 Resp: 3106

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.0	115.6

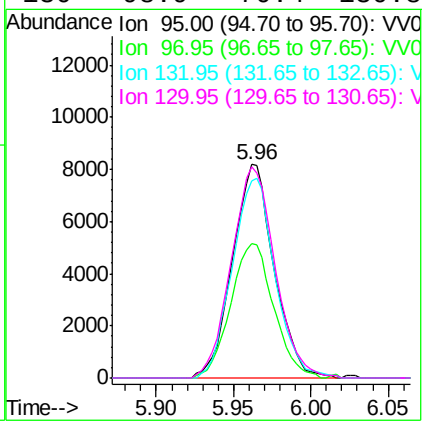


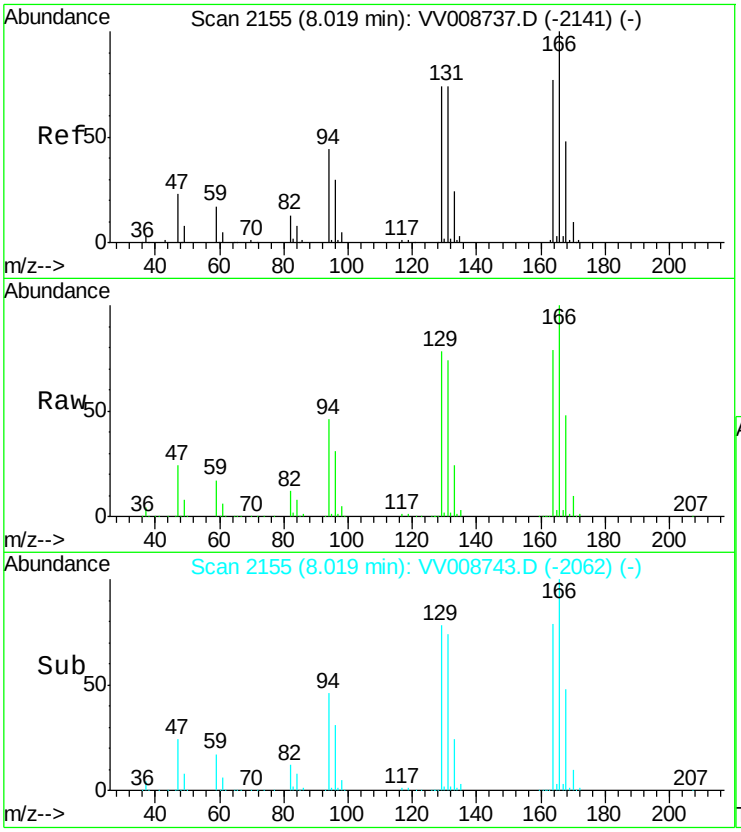


#34
Trichloroethene
Concen: 1.192 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008743.D
Acq: 28 Nov 2018 18:04

Tgt Ion: 95 Resp: 15303

Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.1	83.9
132	92.4	68.0	126.4
130	98.9	70.4	130.8





#47
Tetrachloroethene
Concen: 30.513 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008743.D
Acq: 28 Nov 2018 18:04

Instrument :
MSVOA_V
ClientSampleId :
YALQ2

Tgt Ion:164 Resp: 295275

Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.9	127.9
131	93.1	66.2	123.0
166	126.0	91.1	169.1