Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007983.D
Acq On : 29 Sep 2018 05:01
Operator : SY/MD
Sample : J5159-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAC93

Quant Time: Oct 01 06:57:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84432	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39071	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	16665	3.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.60%			
7) Chloroethane-d5	1.59	69	17670	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.14	63	29192	2.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.20%#			
20) 2-Butanone-d5	3.96	46	66248	48.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.32%			
24) Chloroform-d	4.41	84	45912	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
26) 1,2-Dichloroethane-d4	5.09	65	25285	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
32) Benzene-d6	5.10	84	85563	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.13	67	28266	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.36	98	78067	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	7.67	79	8859	3.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.60%			
46) 2-Hexanone-d5	8.14	63	47647	46.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.08%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20923	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	33404	4.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	8465	1.195	ug/L	100
9) Trichlorofluoromethane	1.77	101	7549	0.686	ug/L	97
19) 1,1-Dichloroethane	3.23	63	23203	2.210	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	4515	0.725	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	2277	0.235	ug/L	98
34) Trichloroethene	5.96	95	4415	0.669	ug/L	93
47) Tetrachloroethene	8.02	164	93671	15.323	ug/L	95

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

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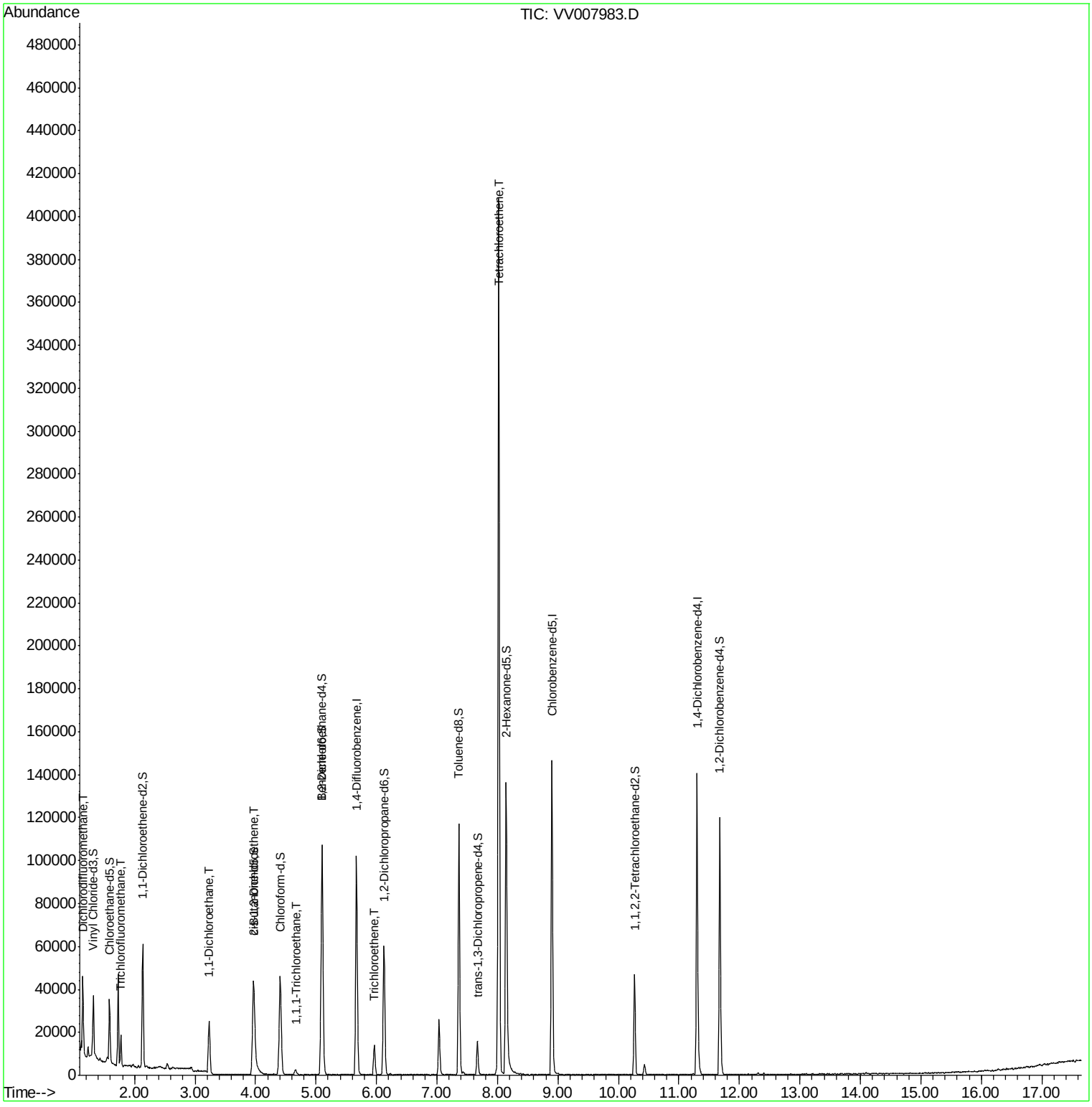
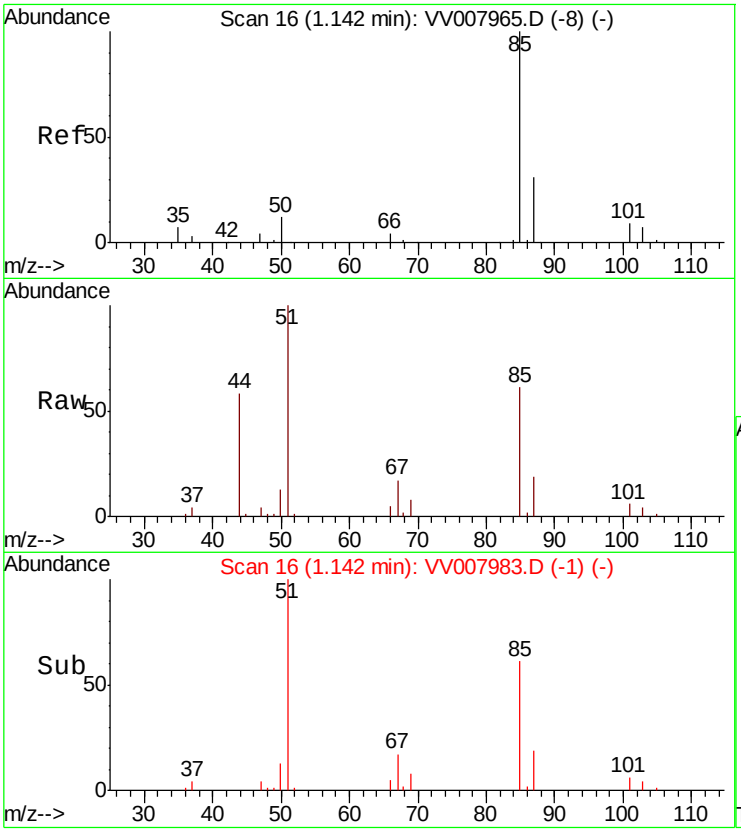


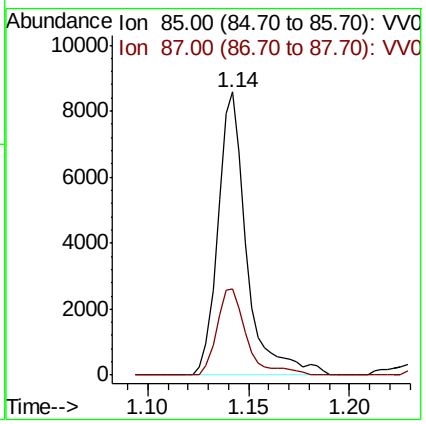


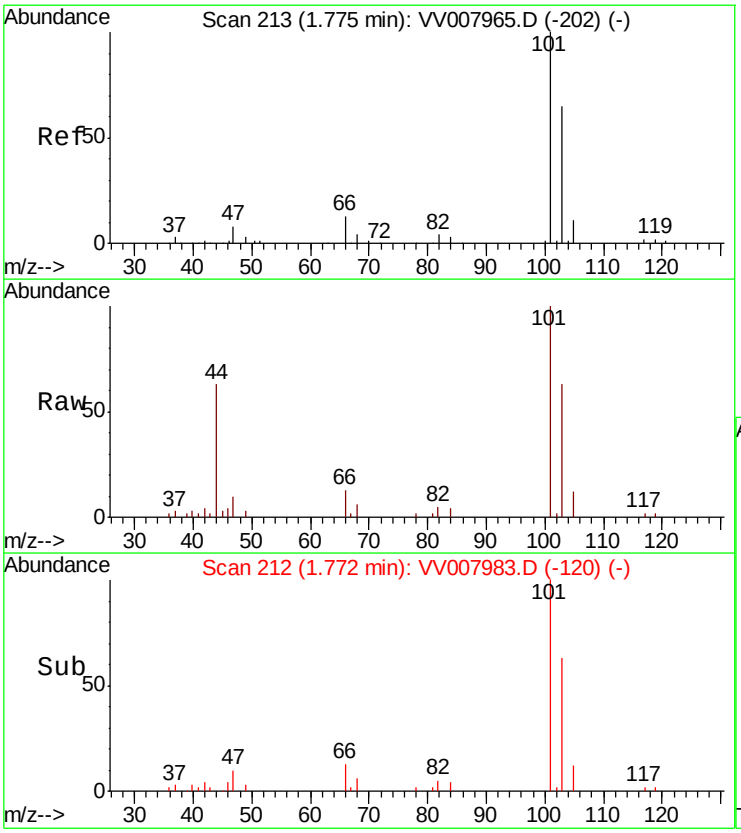
#2
Dichlorodifluoromethane
Concen: 1.195 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV007983.D
Acq: 29 Sep 2018 05:01

Instrument :
MSVOA_V
ClientSampleId :
GAC93

Tgt Ion: 85 Resp: 8465

Ion	Ratio	Lower	Upper
85	100		
87	31.5	25.2	37.8

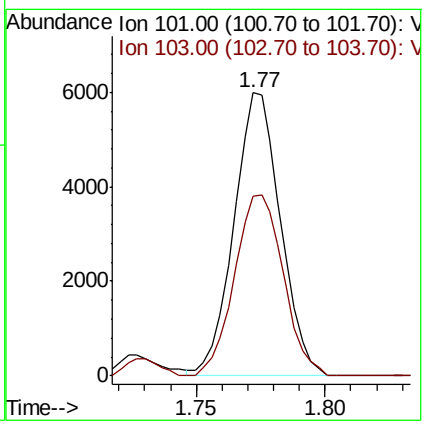


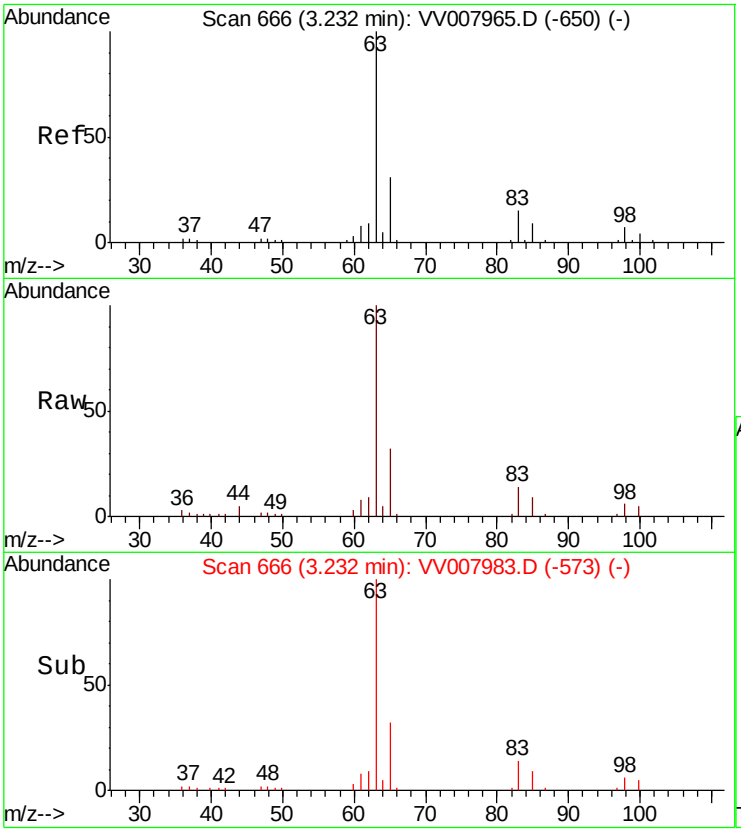


#9
Trichlorofluoromethane
Concen: 0.686 ug/L
RT: 1.77 min Scan# 212
Delta R.T. -0.00 min
Lab File: VV007983.D
Acq: 29 Sep 2018 05:01

Tgt Ion:101 Resp: 7549

Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.5	77.3



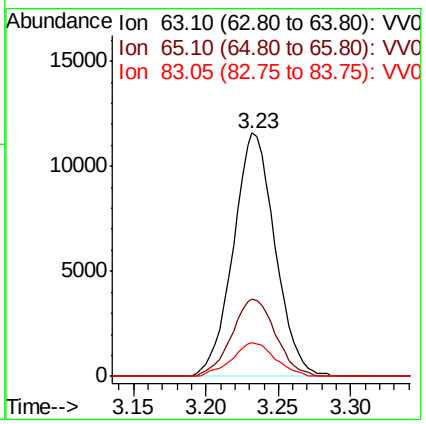


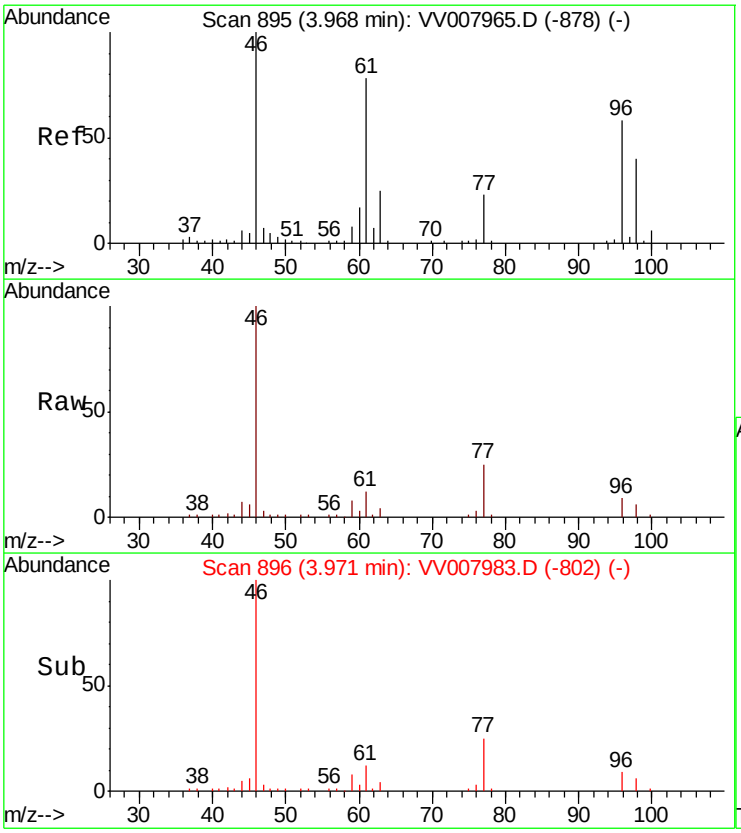
#19
1,1-Dichloroethane
Concen: 2.210 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV007983.D
Acq: 29 Sep 2018 05:01

Instrument : MSVOA_V
ClientSampleId : GAC93

Tgt Ion: 63 Resp: 23203

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.5
83	13.8	9.8	18.2

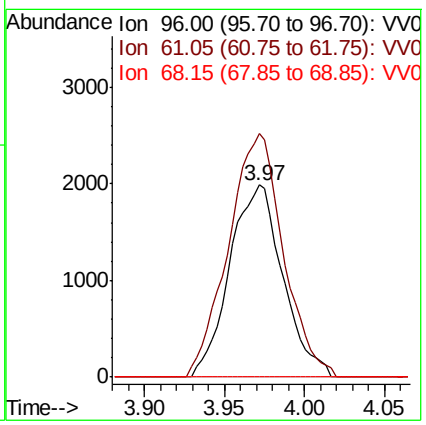


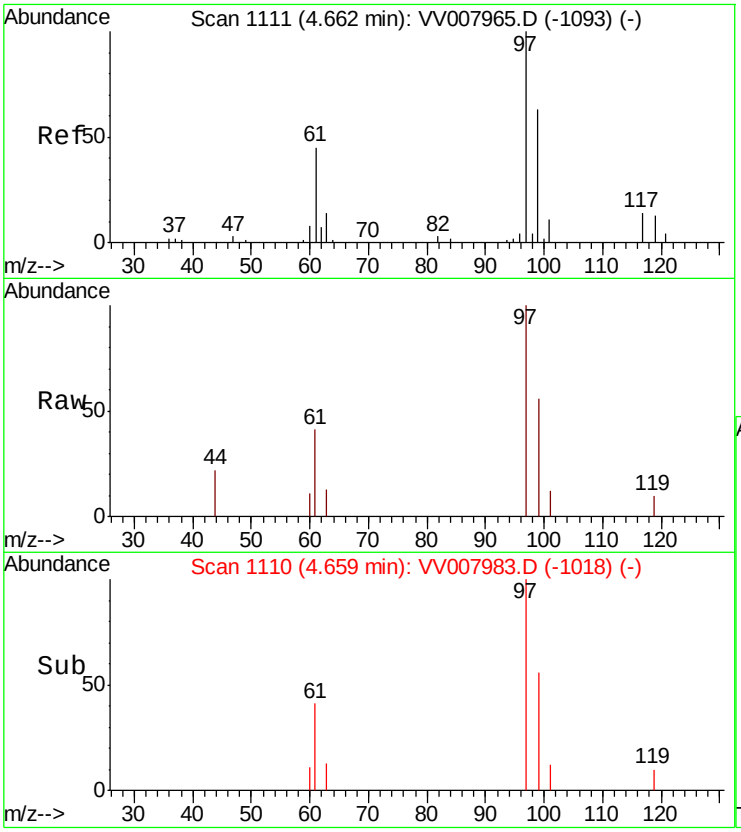


#22
cis-1,2-Dichloroethene
Concen: 0.725 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV007983.D
Acq: 29 Sep 2018 05:01

Tgt Ion: 96 Resp: 4515

Ion	Ratio	Lower	Upper
96	100		
61	126.7	89.5	166.1
68	0.0	0.0	0.0



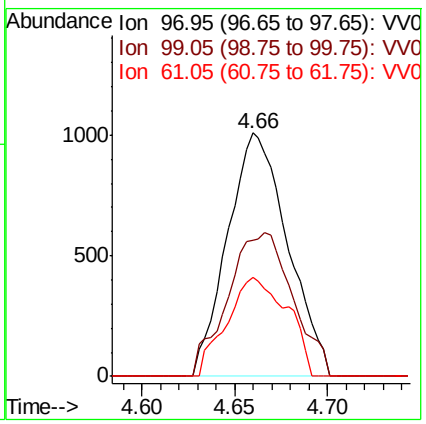


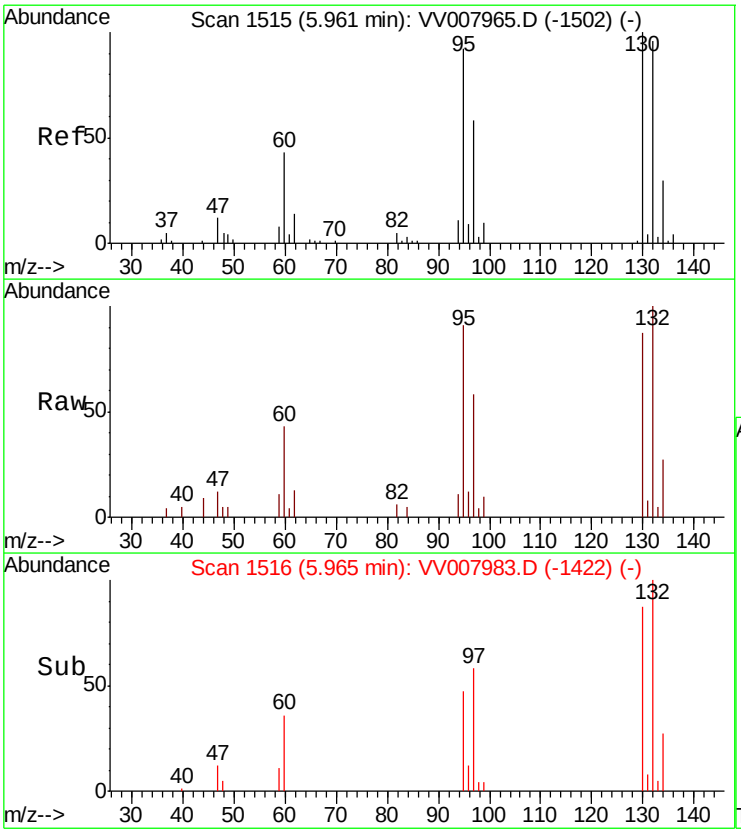
#29
1,1,1-Trichloroethane
Concen: 0.235 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV007983.D
Acq: 29 Sep 2018 05:01

Instrument : MSVOA_V
ClientSampleId : GAC93

Tgt Ion: 97 Resp: 2277

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.2	76.8
61	40.8	34.6	52.0

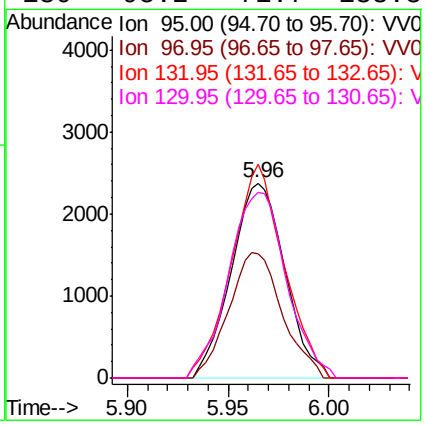


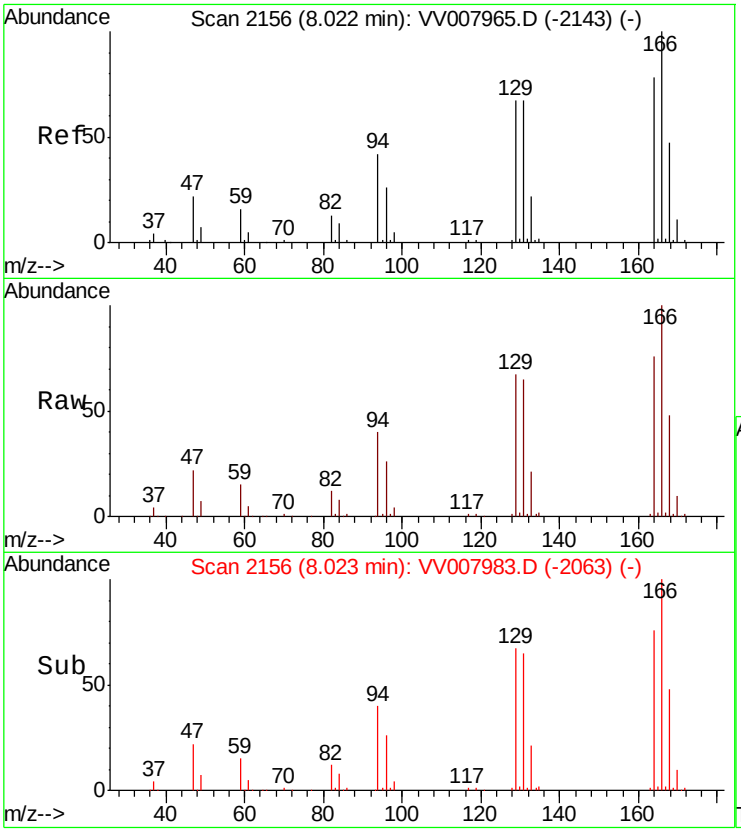


#34
Trichloroethene
Concen: 0.669 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007983.D
Acq: 29 Sep 2018 05:01

Tgt Ion: 95 Resp: 4415

Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.6	81.0
132	109.8	69.9	129.9
130	95.2	71.7	133.3





#47
Tetrachloroethene
Concen: 15.323 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007983.D
Acq: 29 Sep 2018 05:01

Instrument :
MSVOA_V
ClientSampleId :
GAC93

Tgt Ion:164 Resp: 93671

Ion	Ratio	Lower	Upper
164	100		
129	89.1	59.2	110.0
131	86.2	57.1	106.1
166	132.1	88.6	164.6