Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Data File : VV011721.D
Acq On : 22 Jun 2019 07:35
Operator : SY/MD
Sample : K3462-01 10000X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCL0

Quant Time: Jun 24 08:03:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	129641	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	123928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49025	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	43305	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.57	69	32309	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.12	63	73395	4.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.00%			
20) 2-Butanone-d5	3.95	46	158624	69.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 139.96%#			
24) Chloroform-d	4.40	84	93621	5.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 119.20%			
26) 1,2-Dichloroethane-d4	5.08	65	57335	6.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.60%			
32) Benzene-d6	5.10	84	192049	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.20%			
36) 1,2-Dichloropropane-d6	6.12	67	61797	5.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.00%			
41) Toluene-d8	7.36	98	159502	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
43) trans-1,3-Dichloropropene-	7.66	79	15782	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.13	63	117323	67.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 134.40%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46182	6.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 124.80%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	55273	5.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 119.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	10243	1.277	ug/L #	1
19) 1,1-Dichloroethane	3.23	63	13306	0.710	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	25320	2.443	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	146256	9.166	ug/L	100
34) Trichloroethene	5.96	95	5979	0.549	ug/L	92
42) Toluene	7.43	91	35926	0.837	ug/L	97
47) Tetrachloroethene	8.02	164	1660	0.205	ug/L #	72

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

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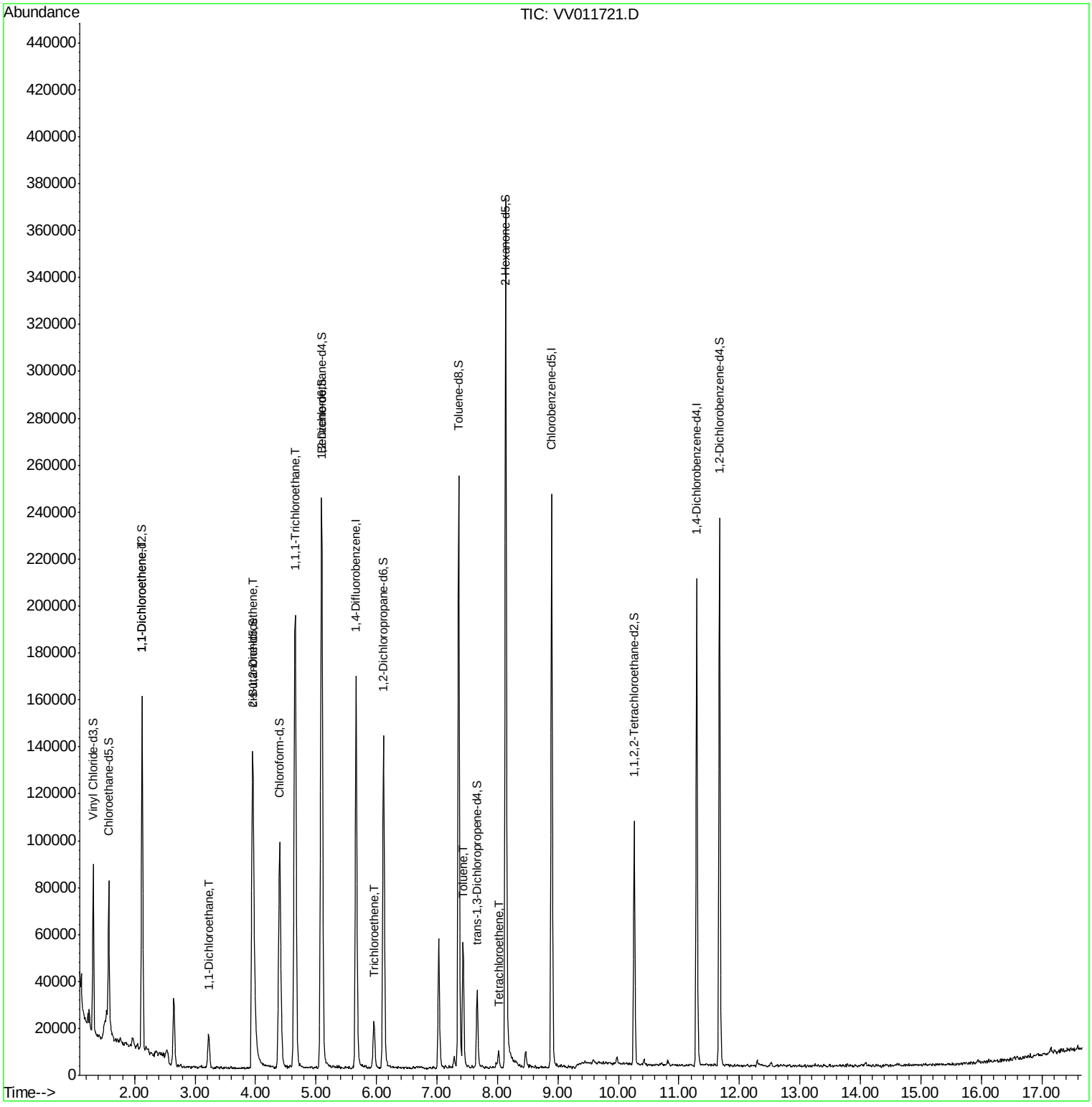
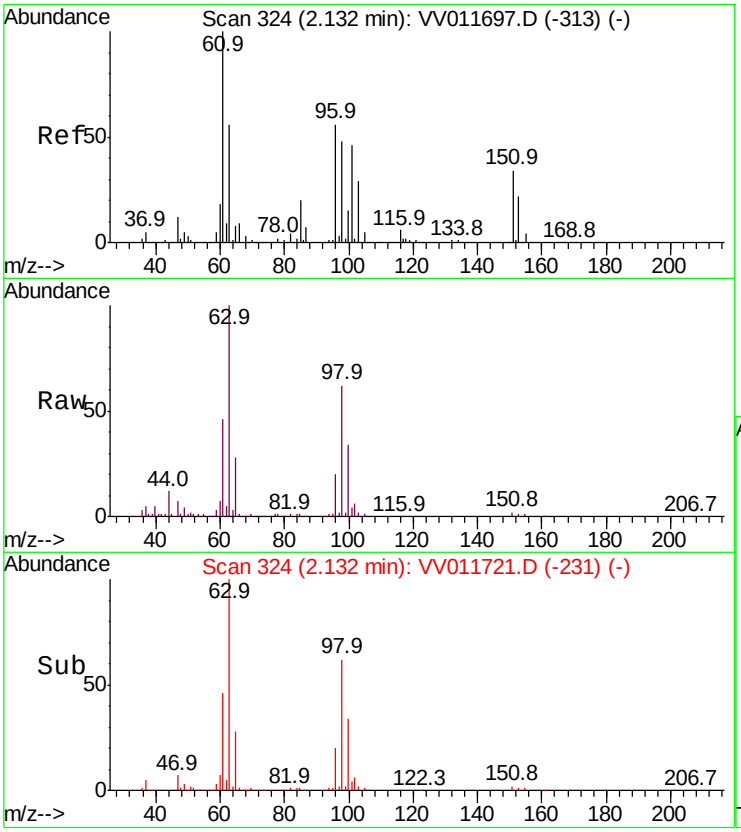
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration



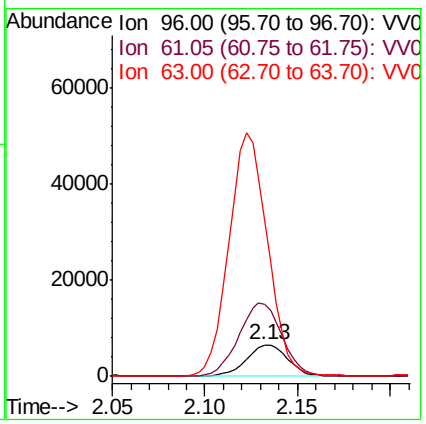


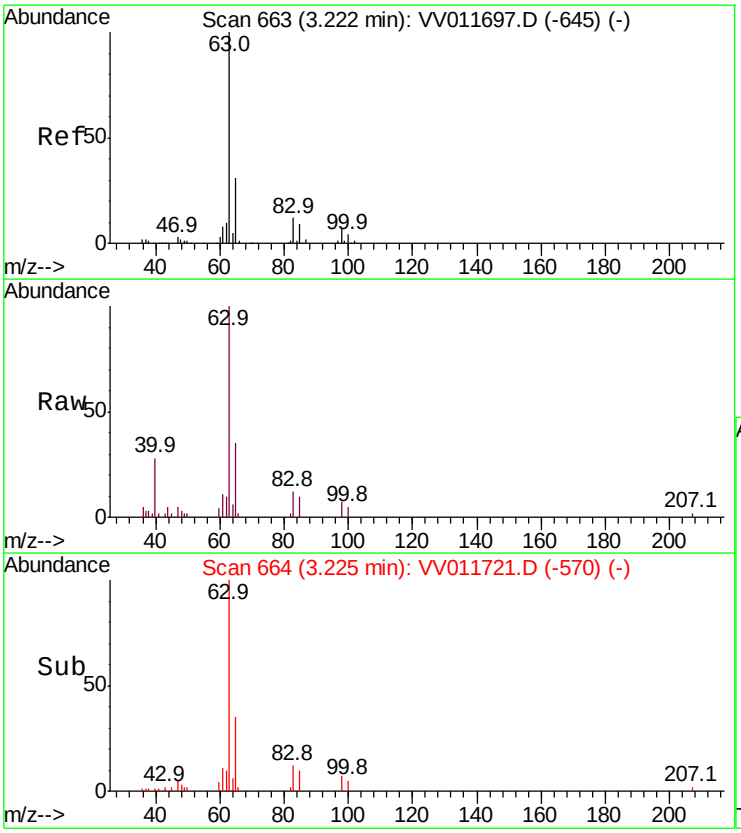
#12
1,1-Dichloroethene
Concen: 1.277 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV011721.D
Acq: 22 Jun 2019 07:35

Instrument :
MSVOA_V
ClientSampleId :
BFCL0

Tgt Ion: 96 Resp: 10243

Ion	Ratio	Lower	Upper
96	100		
61	228.9	131.5	244.1
63	494.2	91.8	170.4#

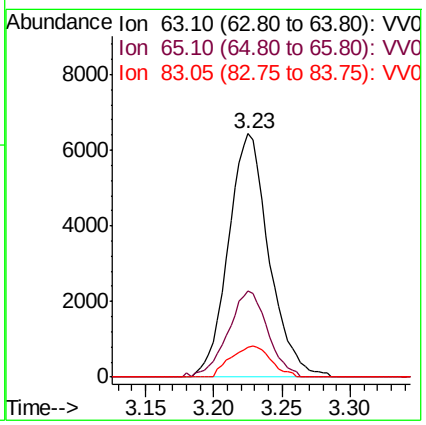


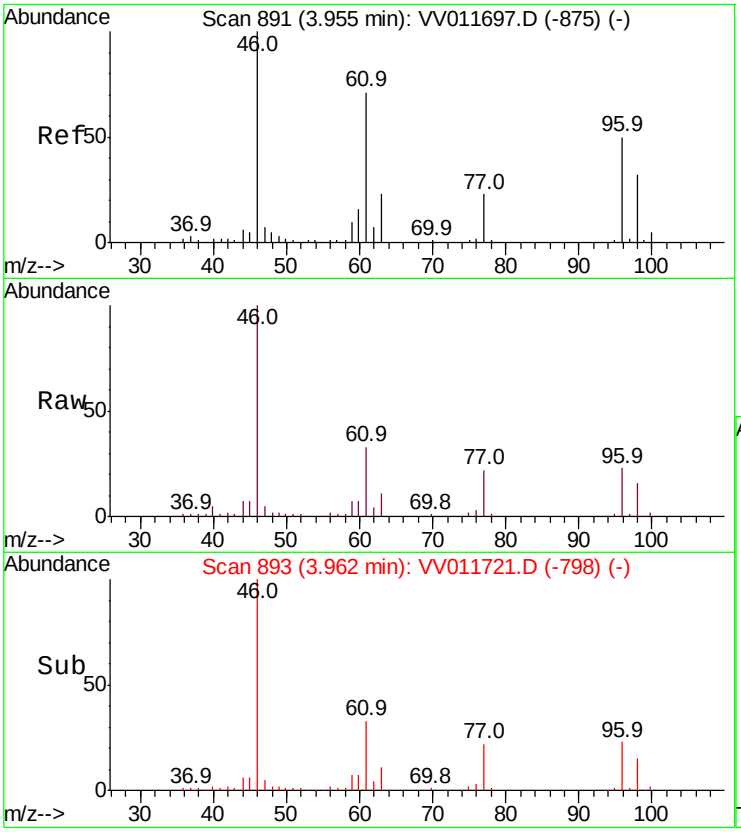


#19
1,1-Dichloroethane
Concen: 0.710 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV011721.D
Acq: 22 Jun 2019 07:35

Tgt Ion: 63 Resp: 13306

Ion	Ratio	Lower	Upper
63	100		
65	37.3	23.0	42.8
83	12.5	9.5	17.7



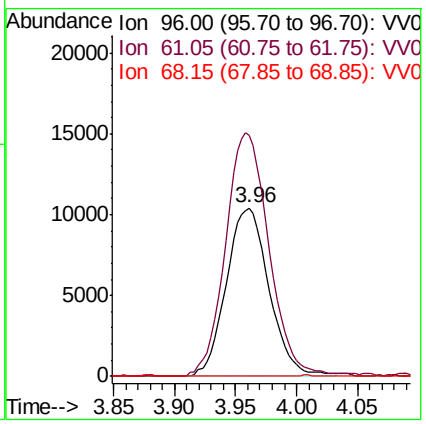


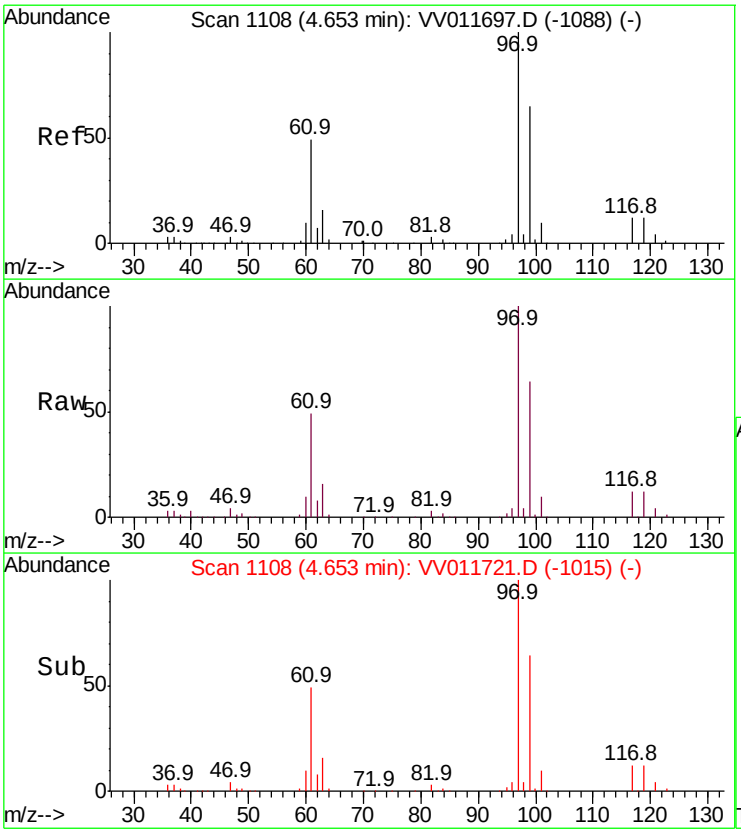
#22
cis-1,2-Dichloroethene
Concen: 2.443 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV011721.D
Acq: 22 Jun 2019 07:35

Instrument :
MSVOA_V
ClientSampleId :
BFCL0

Tgt Ion: 96 Resp: 25320

Ion	Ratio	Lower	Upper
96	100		
61	143.1	97.9	181.7
68	0.0	0.0	0.0

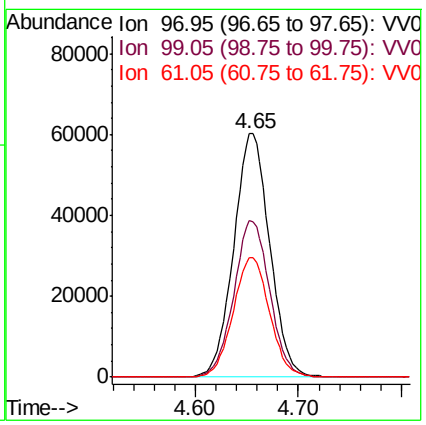


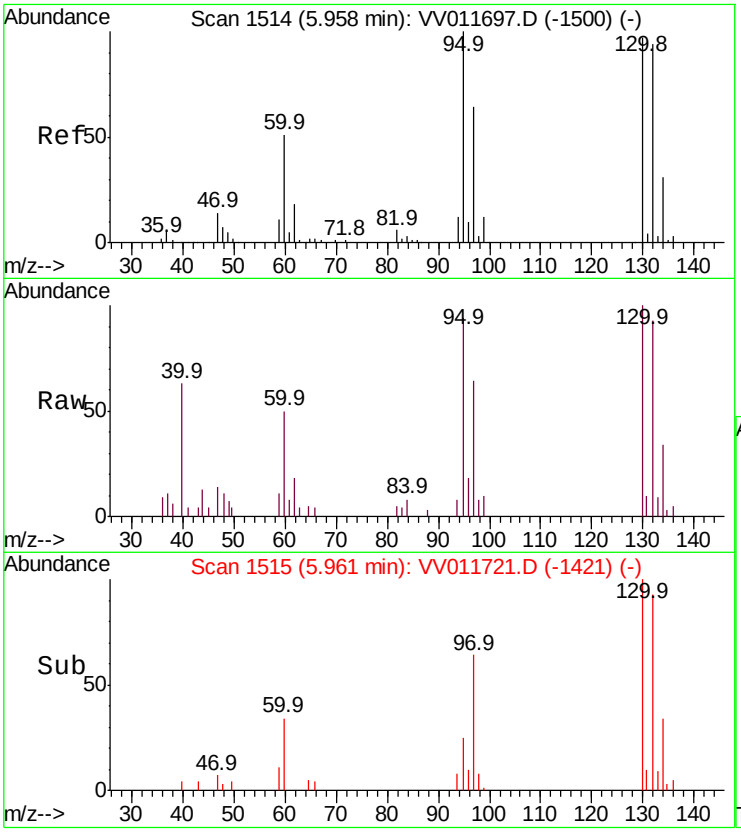


#29
1,1,1-Trichloroethane
Concen: 9.166 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV011721.D
Acq: 22 Jun 2019 07:35

Tgt Ion: 97 Resp: 146256

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	49.8	39.8	59.6



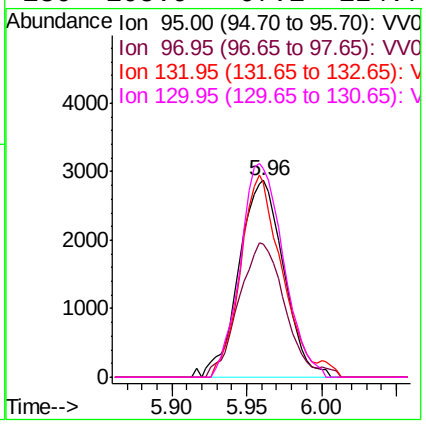


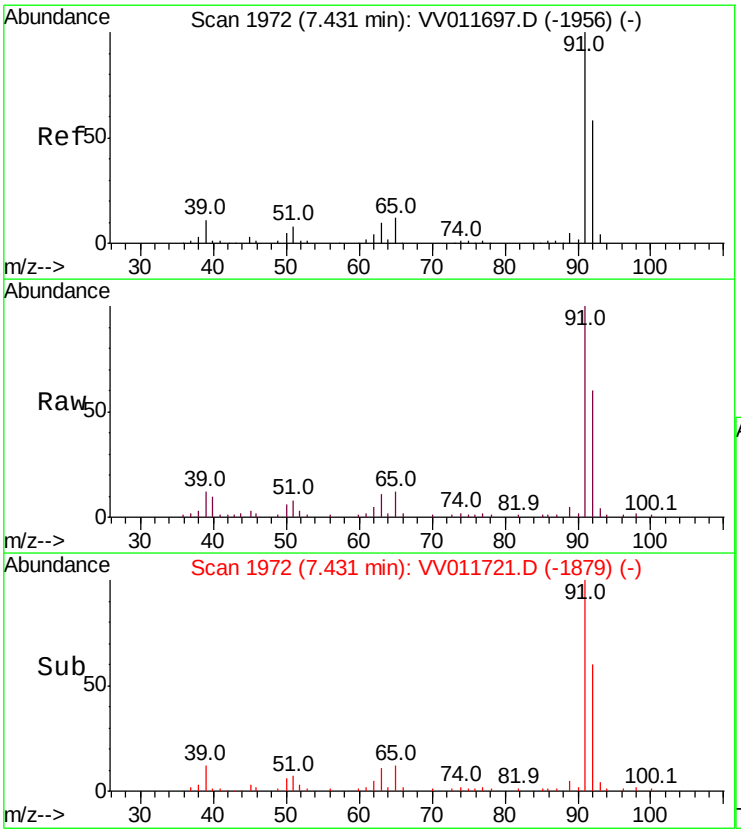
#34
Trichloroethene
Concen: 0.549 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011721.D
Acq: 22 Jun 2019 07:35

Instrument : MSVOA_V
ClientSampleId : BFCL0

Tgt Ion: 95 Resp: 5979

Ion	Ratio	Lower	Upper
95	100		
97	67.5	44.4	82.5
132	98.7	65.0	120.6
130	105.9	67.1	124.7

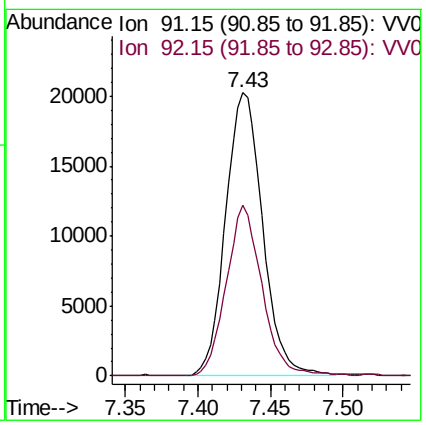


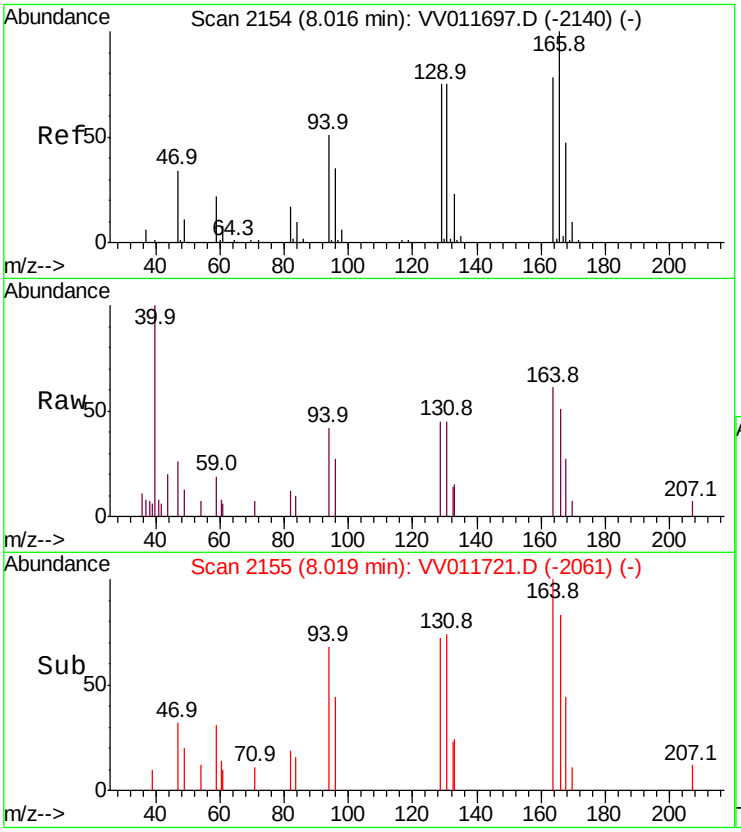


#42
Toluene
Concen: 0.837 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV011721.D
Acq: 22 Jun 2019 07:35

Tgt Ion: 91 Resp: 35926

Ion	Ratio	Lower	Upper
91	100		
92	60.1	40.3	74.9





#47
Tetrachloroethene
Concen: 0.205 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV011721.D
Acq: 22 Jun 2019 07:35

Instrument :
MSVOA_V
ClientSampleId :
BFCL0

Tgt Ion:164 Resp: 1660

Ion	Ratio	Lower	Upper
164	100		
129	72.4	69.7	129.5
131	73.8	64.6	120.0
166	82.9	86.4	160.4#