Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008291.D
Acq On : 16 Oct 2018 11:38
Operator : SY/MD
Sample : J5406-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH5

Quant Time: Oct 19 11:34:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 02:28:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87139	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30120	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24777	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.58	69	19176	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.13	63	41327	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.40%			
20) 2-Butanone-d5	3.98	46	84029	50.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.76%			
24) Chloroform-d	4.41	84	50081	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.09	65	26495	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.10	84	110711	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.12	67	37084	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.36	98	98398	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	7.67	79	13117	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
46) 2-Hexanone-d5	8.14	63	47730	43.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22254	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	27951	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.77	101	37562	4.765	ug/L	99
12) 1,1-Dichloroethene	2.14	96	9528	2.276	ug/L #	59
13) Acetone	2.23	43	4472	5.004	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	4318	0.594	ug/L #	94
27) 1,2-Dichloroethane	5.19	62	22970	3.388	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	18322	1.893	ug/L	98
34) Trichloroethene	5.96	95	1140358	157.082	ug/L	98
47) Tetrachloroethene	8.02	164	77471	17.032	ug/L	95

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

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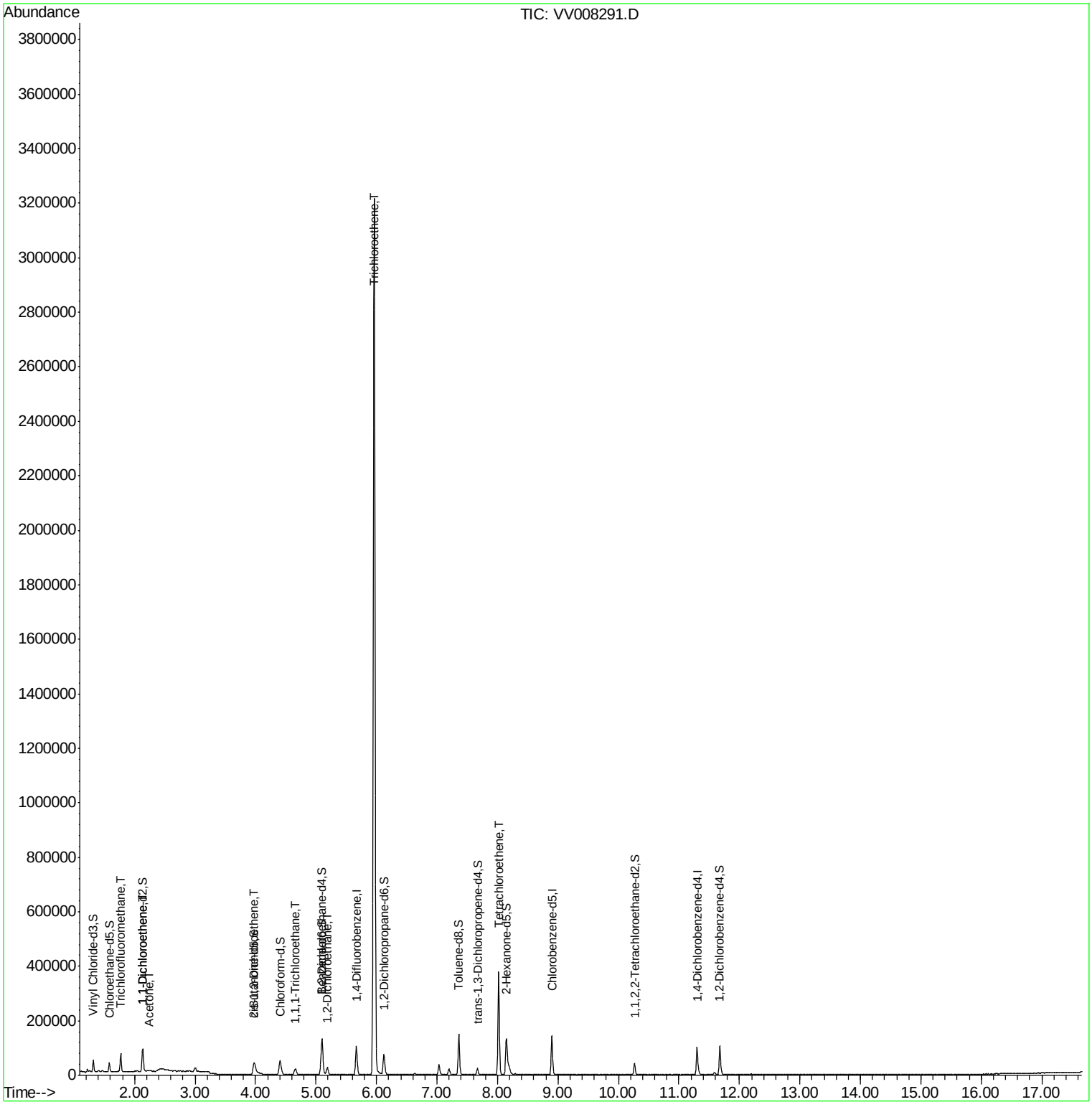
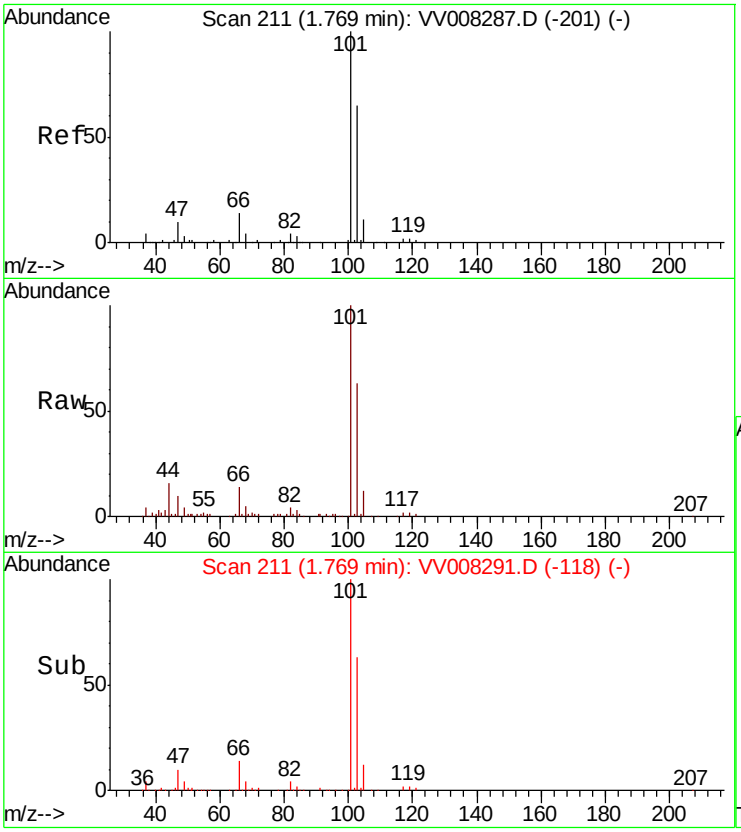


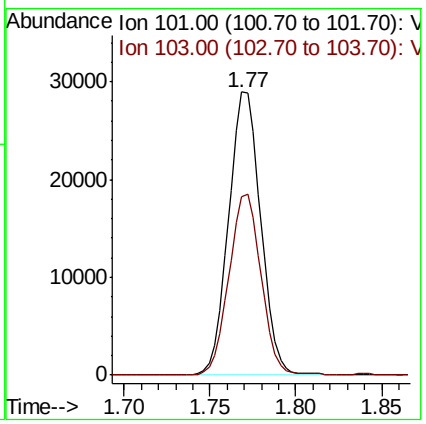


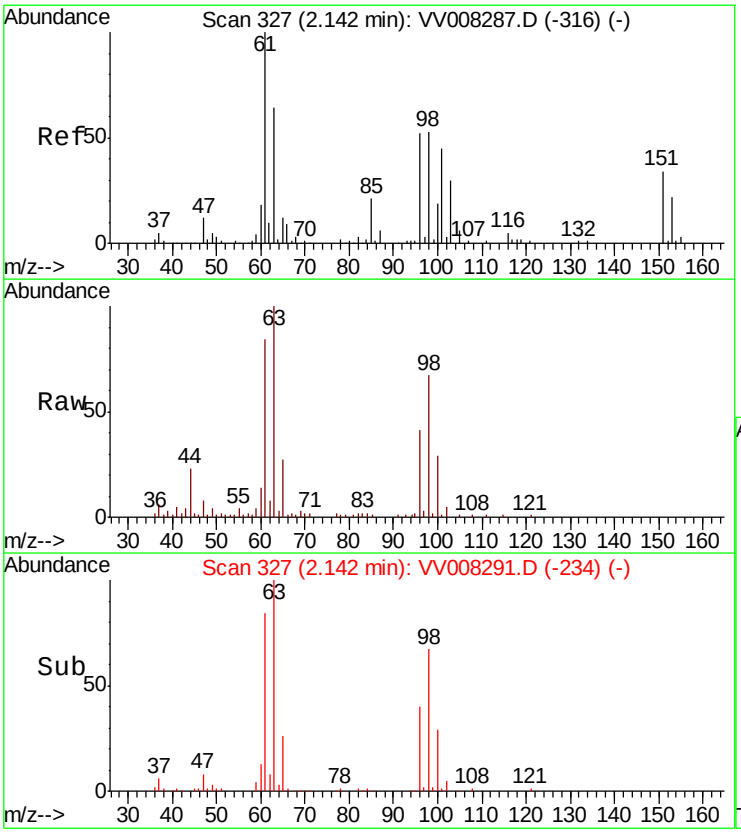
#9
Trichlorofluoromethane
Concen: 4.765 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV008291.D
Acq: 16 Oct 2018 11:38

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Tgt Ion:101 Resp: 37562

Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

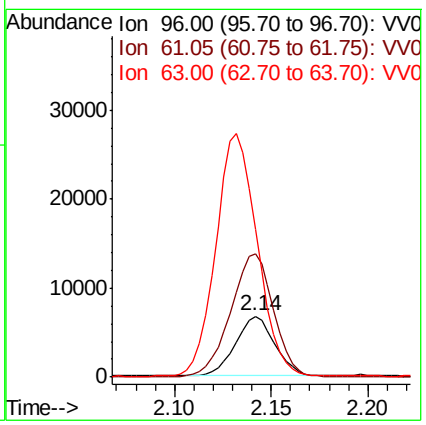


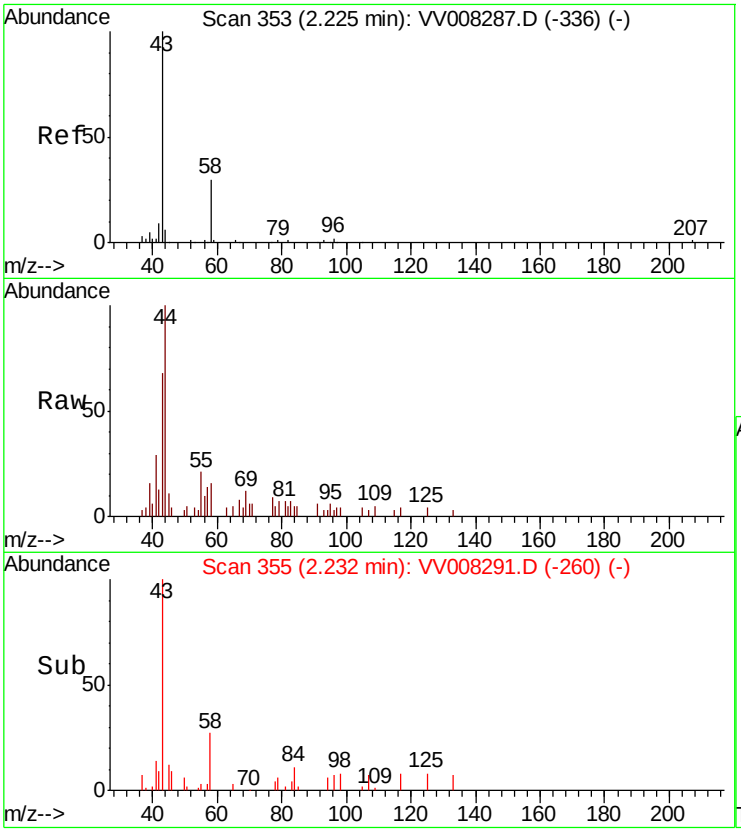


#12
1,1-Dichloroethene
Concen: 2.276 ug/L
RT: 2.14 min Scan# 327
Delta R.T. -0.00 min
Lab File: VV008291.D
Acq: 16 Oct 2018 11:38

Tgt Ion: 96 Resp: 9528

Ion	Ratio	Lower	Upper
96	100		
61	203.2	129.9	241.3
63	243.0	103.0	191.4#



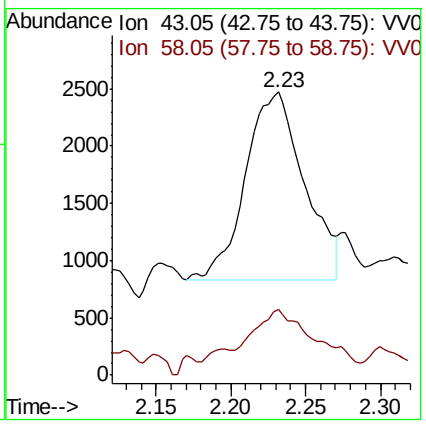


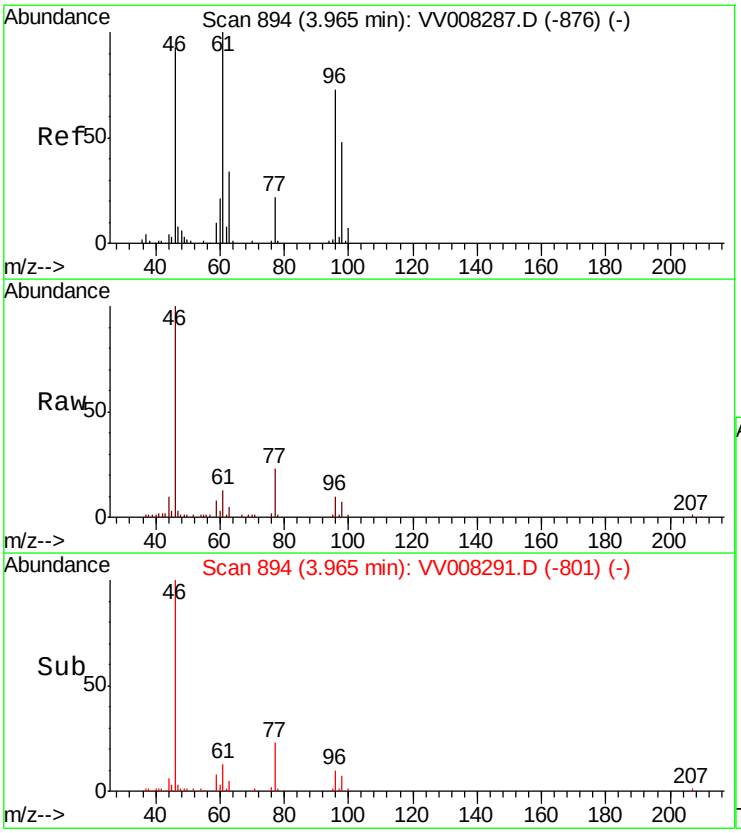
#13
Acetone
Concen: 5.004 ug/L
RT: 2.23 min Scan# 355
Delta R.T. 0.01 min
Lab File: VV008291.D
Acq: 16 Oct 2018 11:38

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Tgt Ion: 43 Resp: 4472

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	62.0

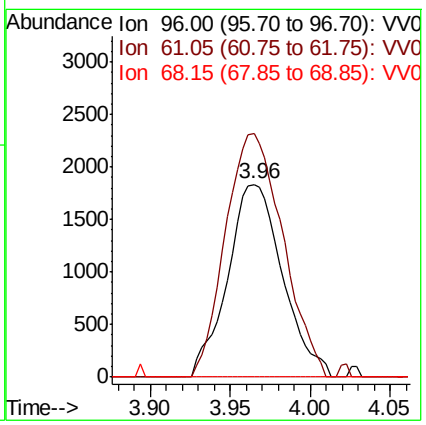


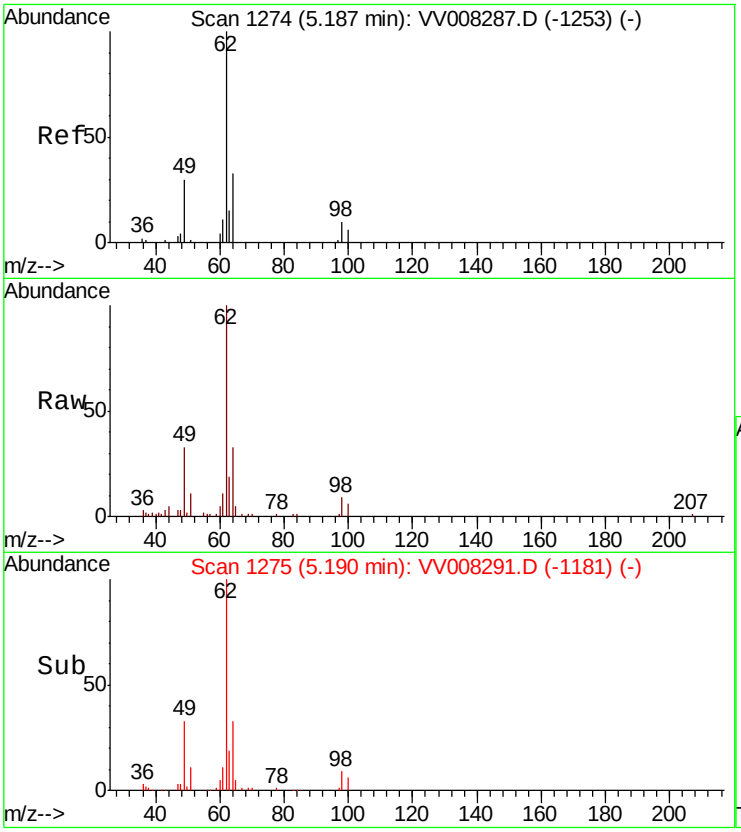


#22
cis-1,2-Dichloroethene
Concen: 0.594 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008291.D
Acq: 16 Oct 2018 11:38

Tgt Ion: 96 Resp: 4318

Ion	Ratio	Lower	Upper
96	100		
61	126.3	93.7	174.1
68	0.0	0.6	1.2#



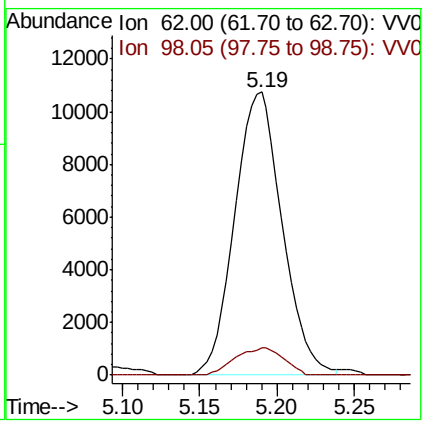


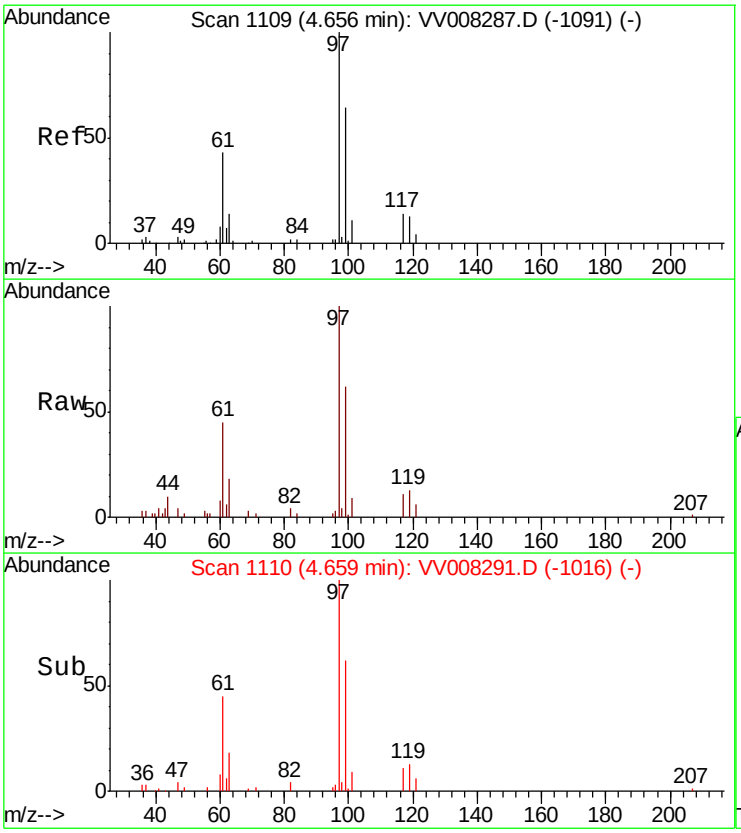
#27
1,2-Dichloroethane
Concen: 3.388 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VV008291.D
Acq: 16 Oct 2018 11:38

Instrument : MSVOA_V
ClientSampleId : C0AH5

Tgt Ion: 62 Resp: 22970

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.6	11.4

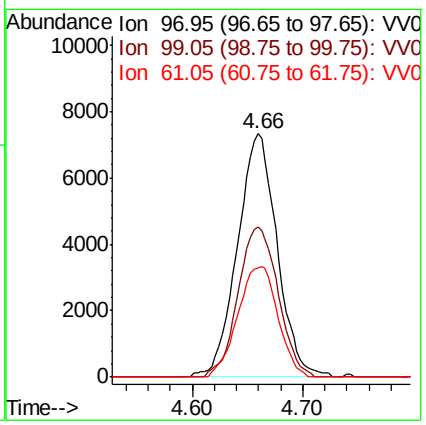


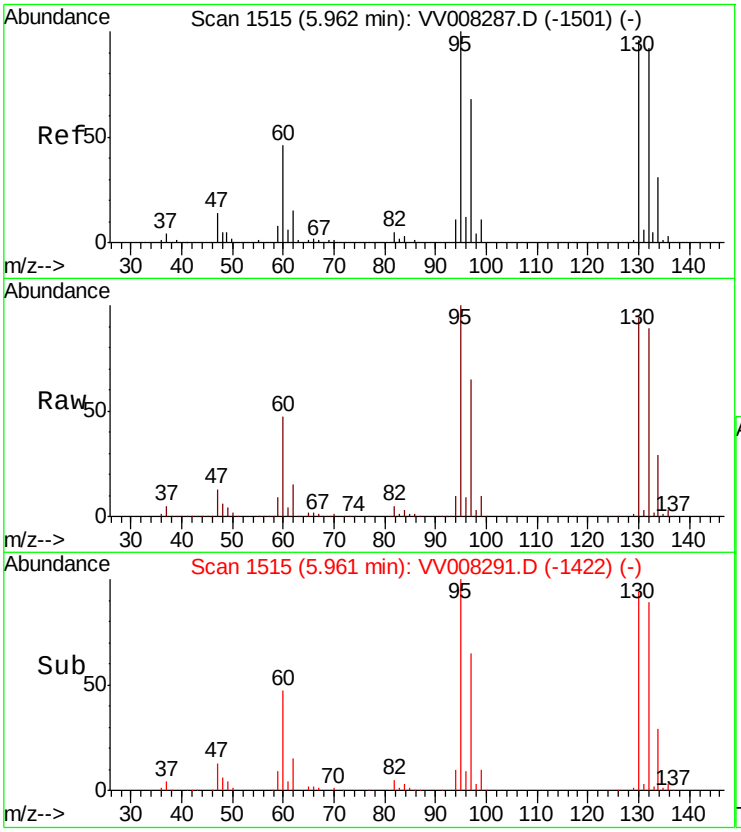


#29
1,1,1-Trichloroethane
Concen: 1.893 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV008291.D
Acq: 16 Oct 2018 11:38

Tgt Ion: 97 Resp: 18322

Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.6	77.4
61	45.7	37.0	55.6



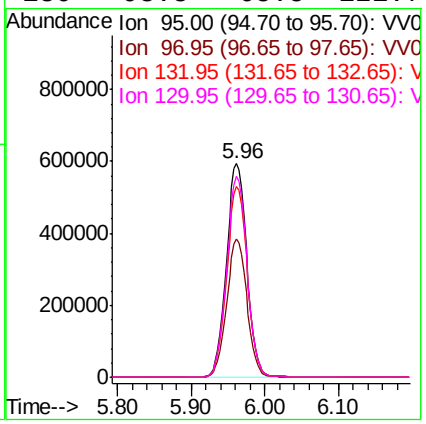


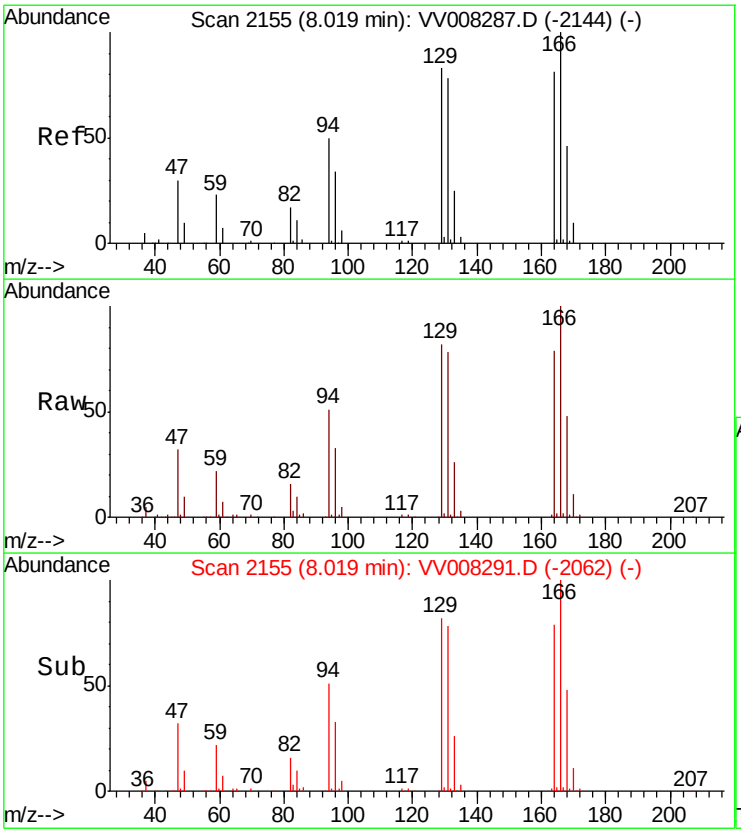
#34
Trichloroethene
Concen: 157.082 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008291.D
Acq: 16 Oct 2018 11:38

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Tgt Ion: 95 Resp: 1140358

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.4	82.4
132	89.2	60.4	112.2
130	93.8	65.5	121.7





#47
Tetrachloroethene
Concen: 17.032 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008291.D
Acq: 16 Oct 2018 11:38

Tgt Ion:164 Resp: 77471

Ion	Ratio	Lower	Upper
164	100		
129	104.1	76.5	142.1
131	99.2	74.7	138.7
166	127.0	91.6	170.0