Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100518\
Data File : VV008102.D
Acq On : 05 Oct 2018 17:14
Operator : SY/MD
Sample : J5246-07DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0J75DL

Quant Time: Oct 06 07:22:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	104670	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45888	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26968	4.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.00%			
7) Chloroethane-d5	1.59	69	23422	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	2.14	63	64080	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.80%			
20) 2-Butanone-d5	3.96	46	72843	47.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.26%			
24) Chloroform-d	4.41	84	58243	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.09	65	29761	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
32) Benzene-d6	5.10	84	113762	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.13	67	35733	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.80%			
41) Toluene-d8	7.36	98	102004	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	7.67	79	11869	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.14	63	50541	45.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.40%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25156	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	40644	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	742	0.111	ug/L #	35
12) 1,1-Dichloroethene	2.15	96	45686	8.057	ug/L #	76
19) 1,1-Dichloroethane	3.23	63	4079	0.346	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	10290	1.474	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	2656	0.241	ug/L	98
34) Trichloroethene	5.96	95	18224	2.489	ug/L	96
47) Tetrachloroethene	8.02	164	13731	2.100	ug/L	91

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

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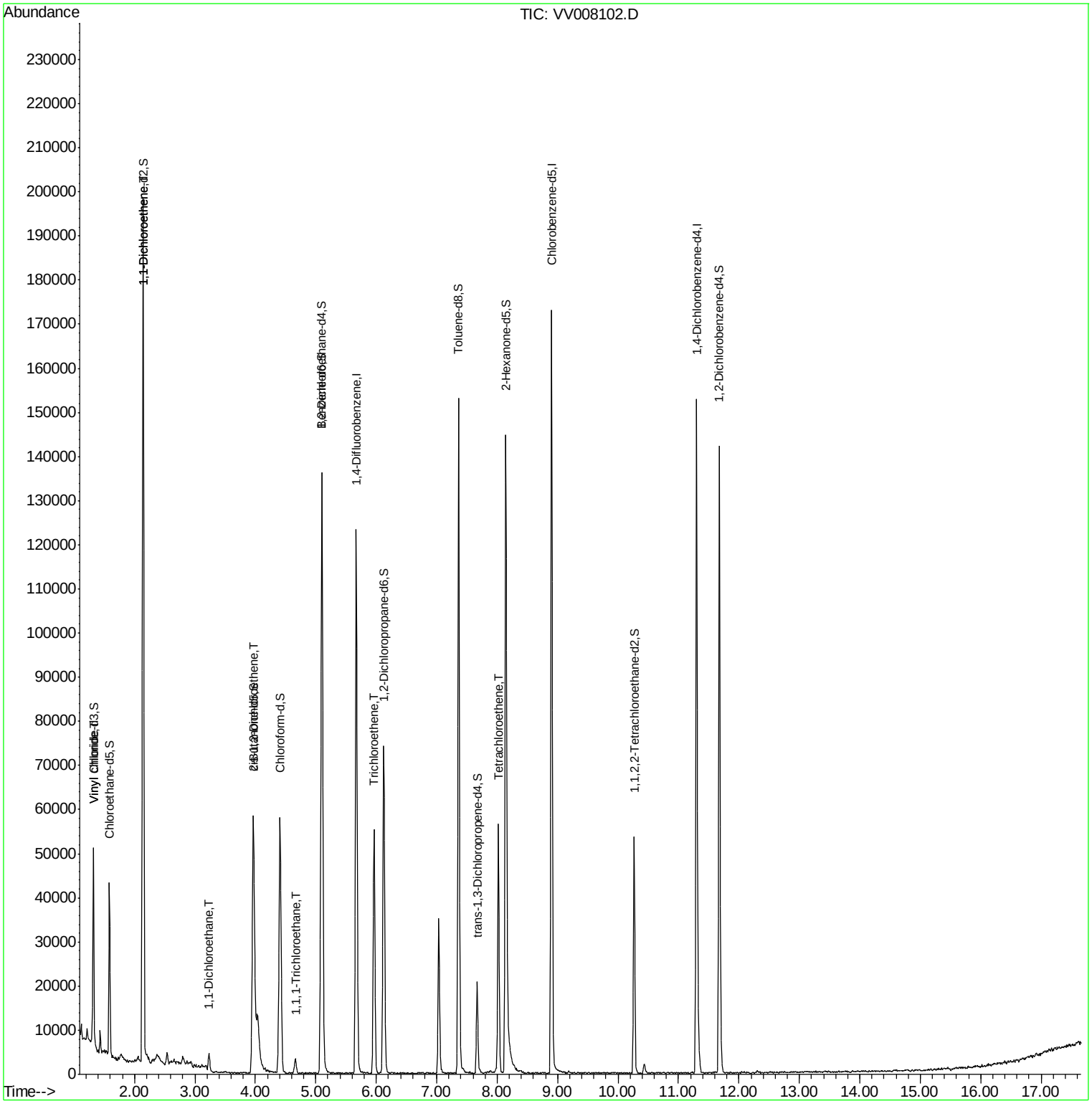
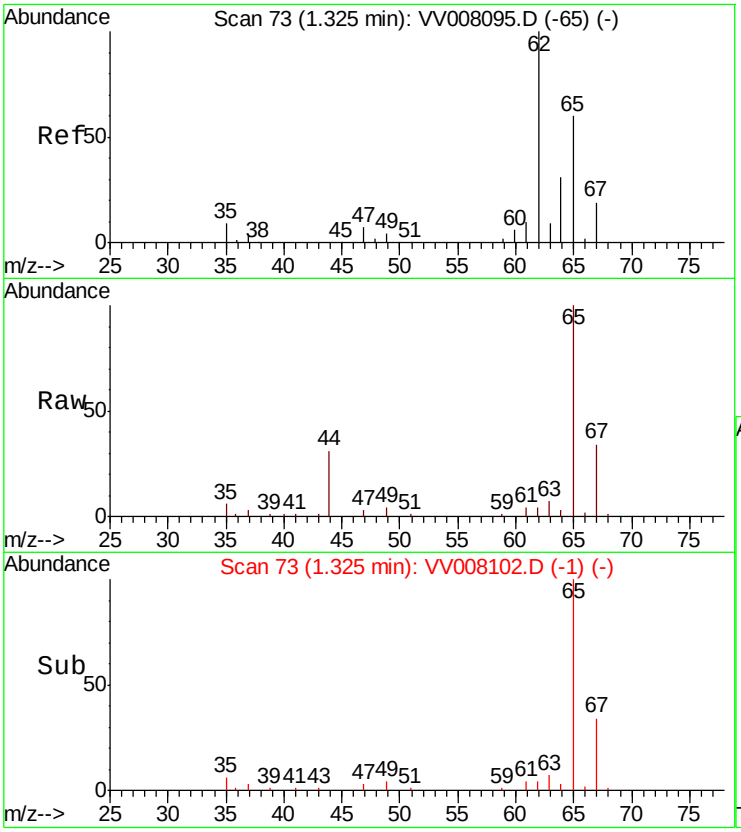


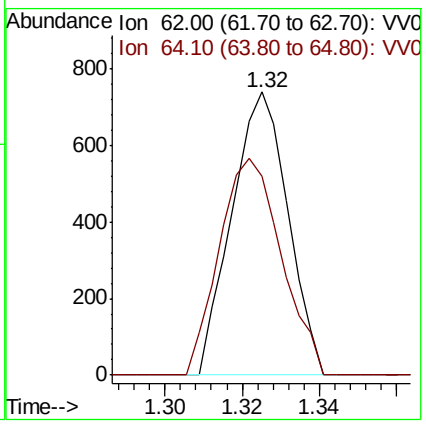


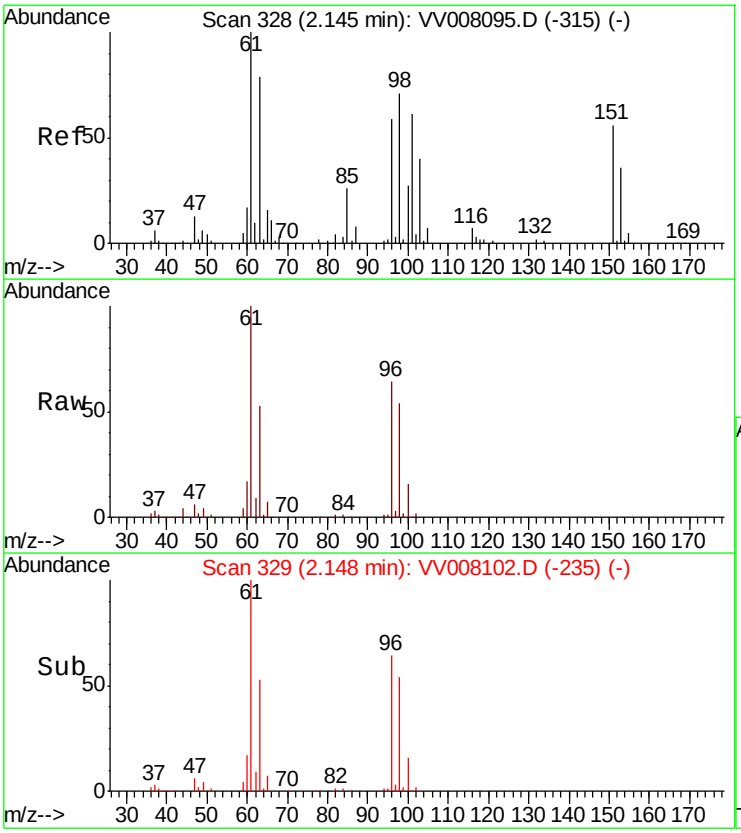
#5
Vinyl chloride
Concen: 0.111 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Instrument : MSVOA_V
ClientSampleId : C0J75DL

Tgt Ion: 62 Resp: 742

Ion	Ratio	Lower	Upper
62	100		
64	70.2	23.4	43.4#

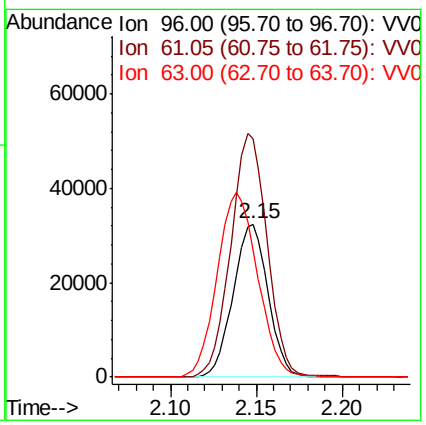


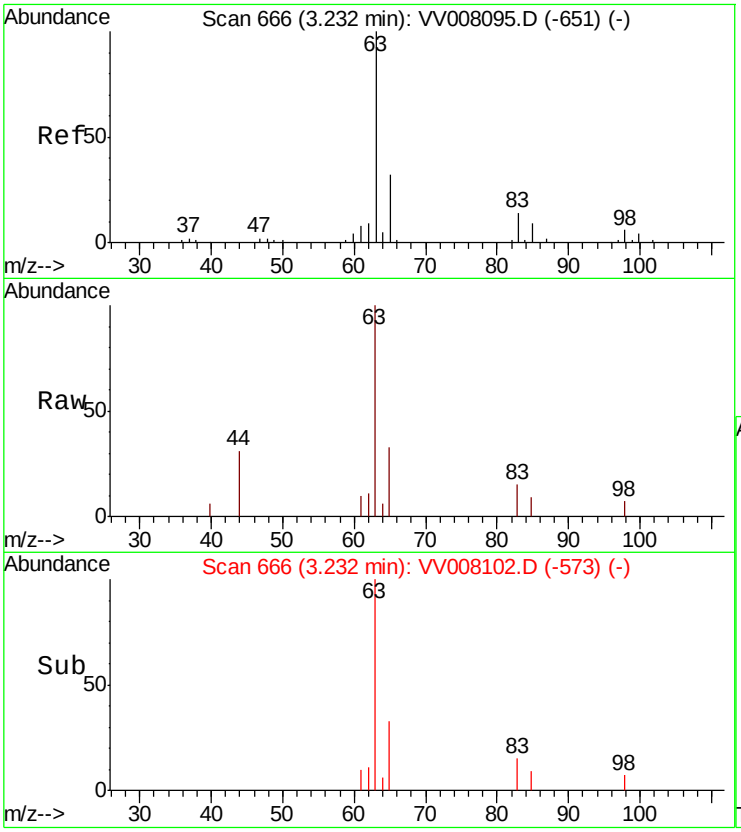


#12
1,1-Dichloroethene
Concen: 8.057 ug/L
RT: 2.15 min Scan# 329
Delta R.T. 0.00 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Tgt Ion: 96 Resp: 45686

Ion	Ratio	Lower	Upper
96	100		
61	155.9	114.7	213.1
63	83.1	96.9	179.9#



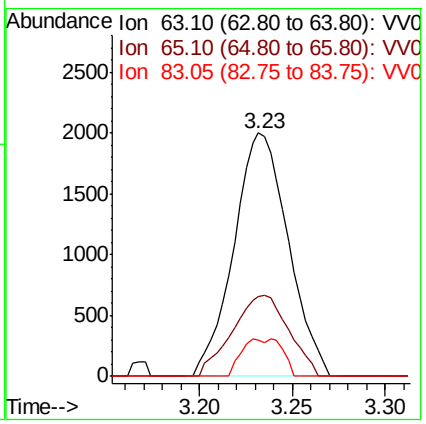


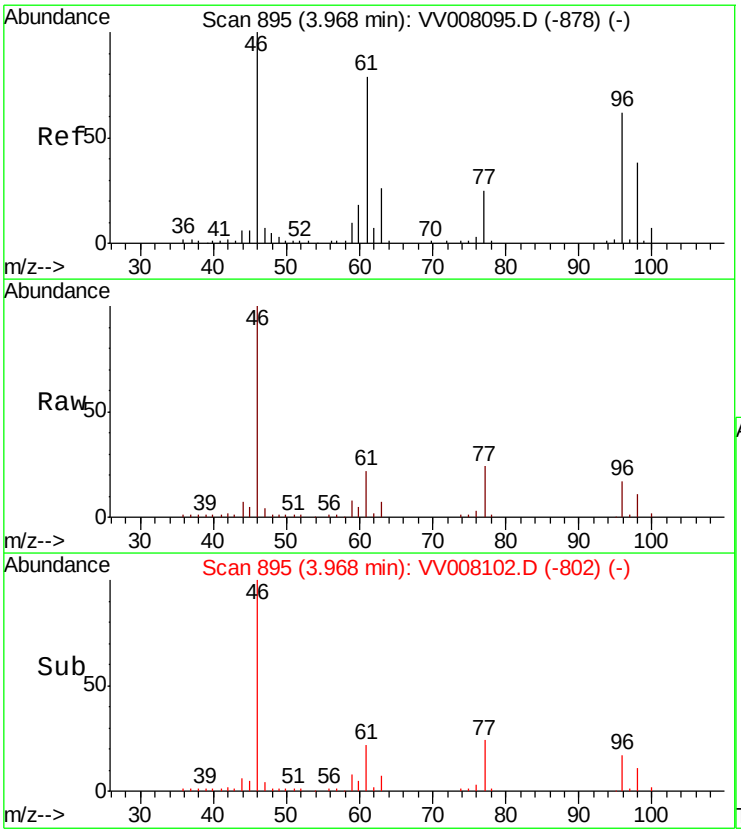
#19
1,1-Dichloroethane
Concen: 0.346 ug/L
RT: 3.23 min Scan# 666
Delta R.T. -0.00 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Instrument : MSVOA_V
ClientSampleId : C0J75DL

Tgt Ion: 63 Resp: 4079

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.4	41.6
83	14.7	9.6	17.8

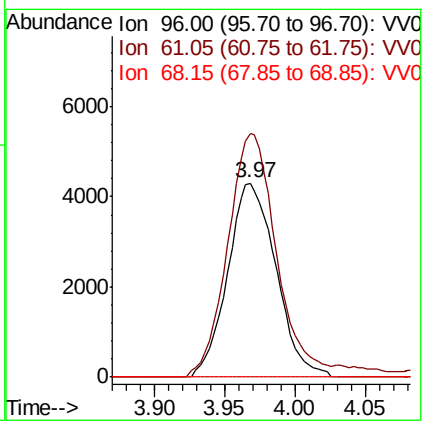


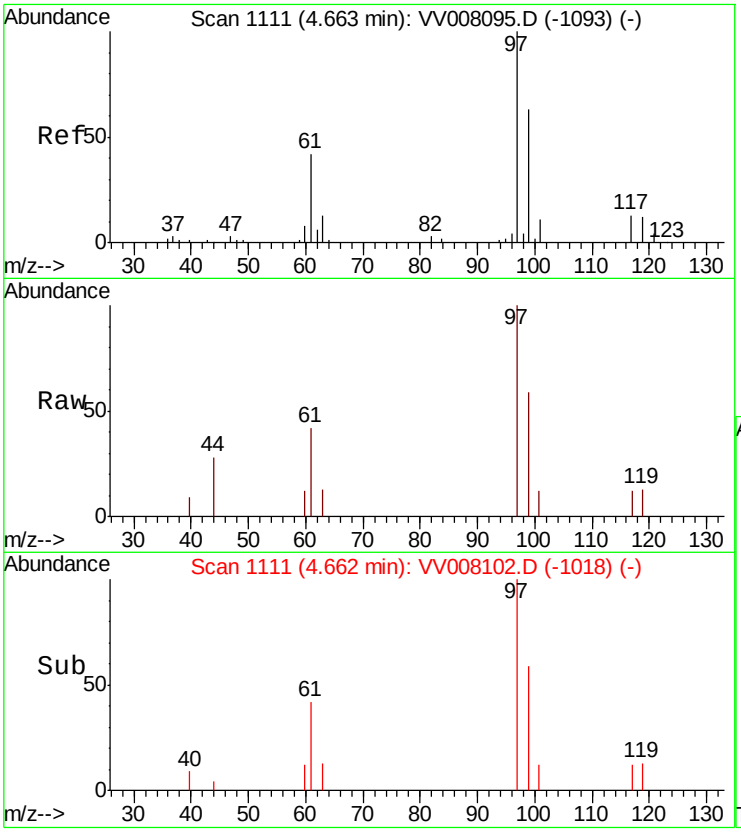


#22
cis-1,2-Dichloroethene
Concen: 1.474 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Tgt Ion: 96 Resp: 10290

Ion	Ratio	Lower	Upper
96	100		
61	125.4	85.1	158.1
68	0.0	0.0	0.0



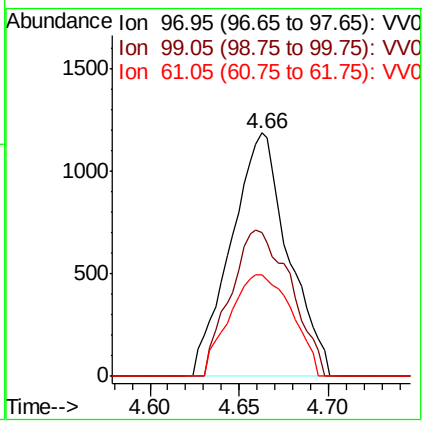


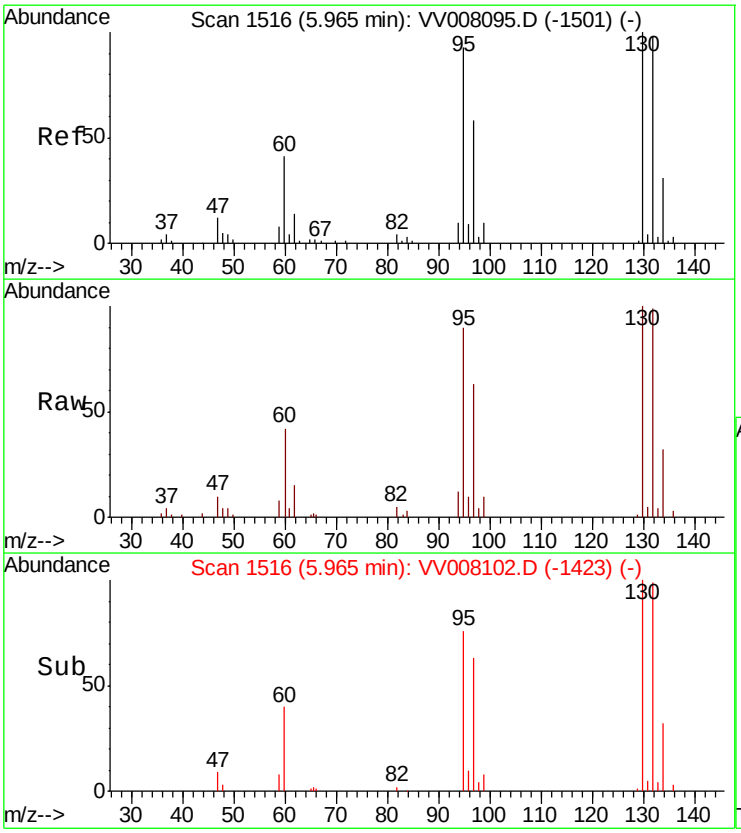
#29
1,1,1-Trichloroethane
Concen: 0.241 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Instrument : MSVOA_V
ClientSampleId : C0J75DL

Tgt Ion: 97 Resp: 2656

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.4
61	45.4	34.0	51.0

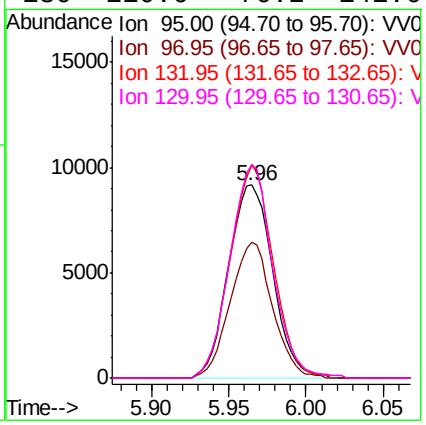


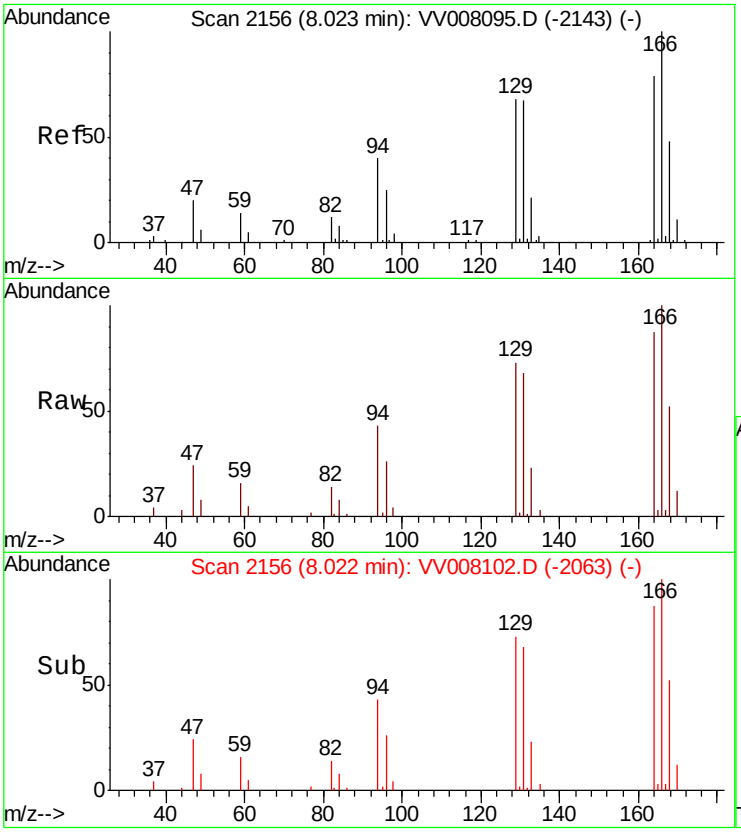


#34
Trichloroethene
Concen: 2.489 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Tgt Ion: 95 Resp: 18224

Ion	Ratio	Lower	Upper
95	100		
97	70.2	44.9	83.5
132	109.7	73.6	136.6
130	110.6	76.2	141.6





#47
Tetrachloroethene
Concen: 2.100 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV008102.D
Acq: 05 Oct 2018 17:14

Instrument :
MSVOA_V
ClientSampleId :
C0J75DL

Tgt Ion:164 Resp: 13731

Ion	Ratio	Lower	Upper
164	100		
129	84.8	62.2	115.4
131	79.0	60.5	112.5
166	115.5	92.1	171.1