Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102618\

Quantitation Report (Not Reviewed)

Data File : VV008440.D
Acq On : 26 Oct 2018 17:56
Operator : SY/MD
Sample : J5669-13
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBW4

Quant Time: Oct 27 04:48:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	188471	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	170949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71595	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49654	47.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.16%			
7) Chloroethane-d5	1.56	69	37617	49.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.86%			
11) 1,1-Dichloroethene-d2	2.13	63	67348	35.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.46%			
21) 2-Butanone-d5	3.94	46	106612	94.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.01%			
24) Chloroform-d	4.41	84	120947	46.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.98%			
26) 1,2-Dichloroethane-d4	5.09	65	83411	48.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.94%			
32) Benzene-d6	5.10	84	246495	50.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.12	67	84160	49.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.54%			
41) Toluene-d8	7.36	98	222159	50.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.46%			
43) trans-1,3-Dichloropropene-	7.67	79	39605	48.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.42%			
47) 2-Hexanone-d5	8.14	63	80421	91.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.08%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109998	48.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.06%			
64) 1,2-Dichlorobenzene-d4	11.68	152	74099	50.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.21	62	1386	1.038	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	512	0.570	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	626	0.740	ug/L #	1
13) Acetone	2.19	43	5225	5.936	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	53839	36.661	ug/L	94
33) Benzene	5.15	78	2632	0.471	ug/L	100
34) Trichloroethene	5.96	95	105702	73.885	ug/L	98
35) Methylcyclohexane	6.12	83	18459	7.589	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8976	5.816	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2243	0.924	ug/L #	51
44) trans-1,3-Dichloropropene	7.67	75	1643	0.724	ug/L #	81
59) 1,2,3-Trichloropropane	11.30	75	9141	4.726	ug/L	92

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

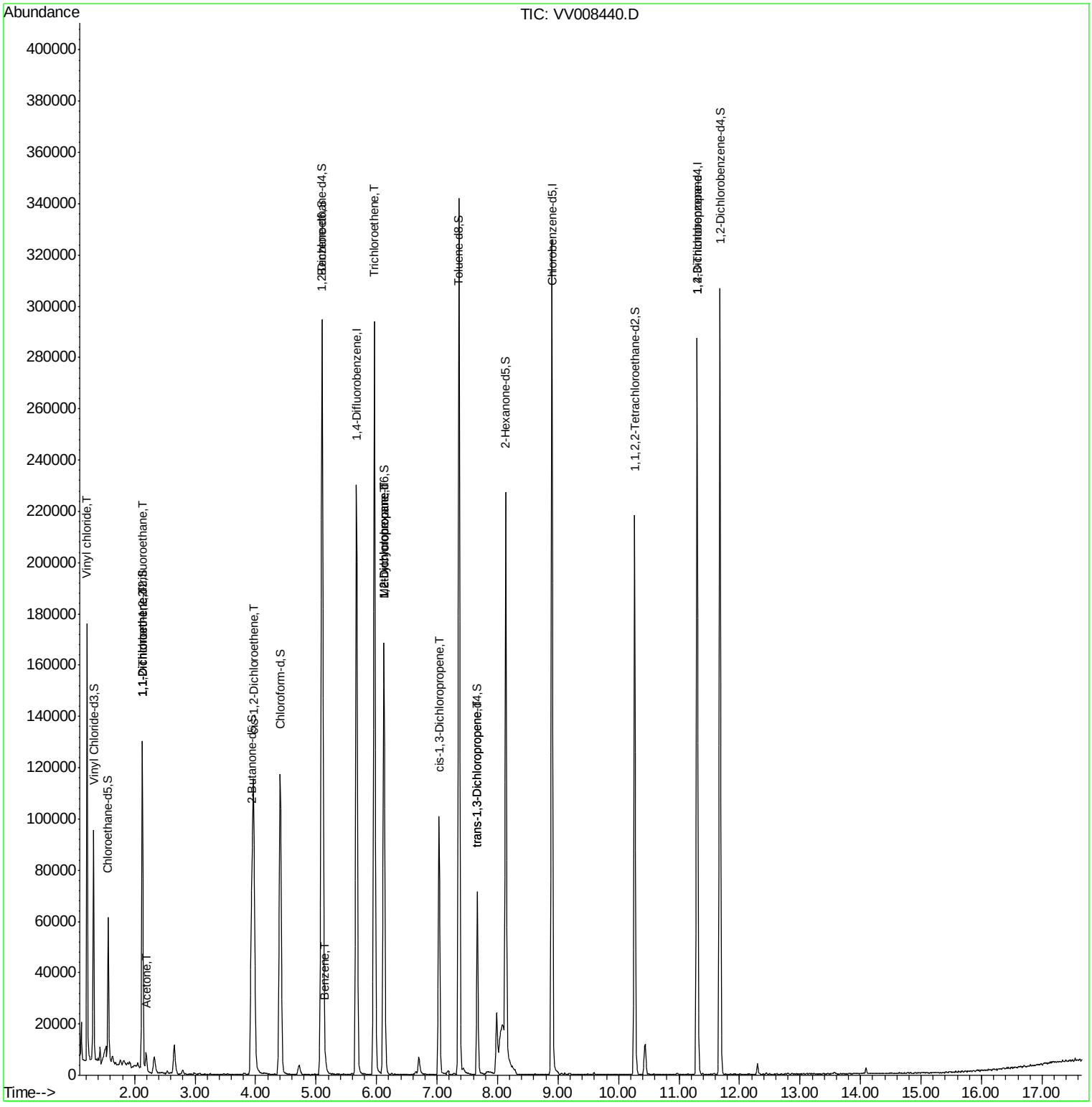
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102618\

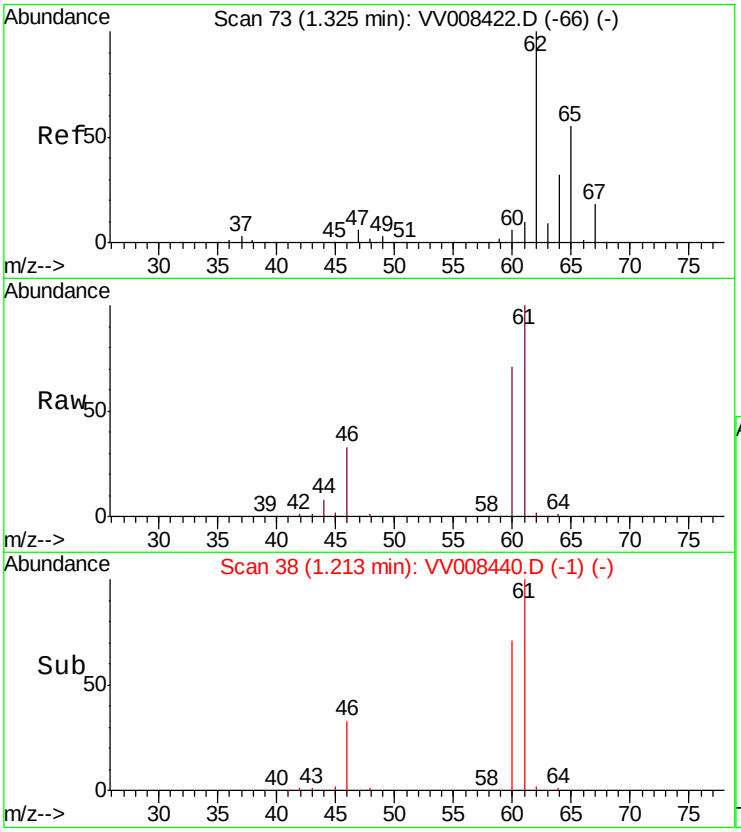
Quantitation Report (Not Reviewed)

Data File : VV008440.D
Acq On : 26 Oct 2018 17:56
Operator : SY/MD
Sample : J5669-13
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBW4

Quant Time: Oct 27 04:48:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration



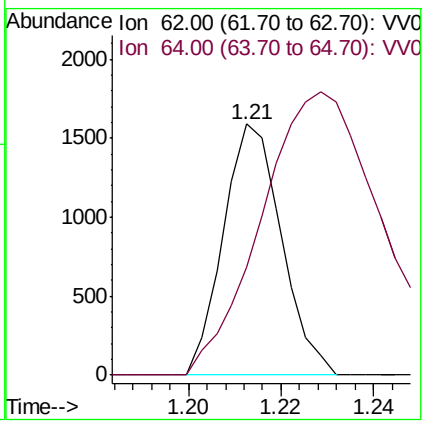


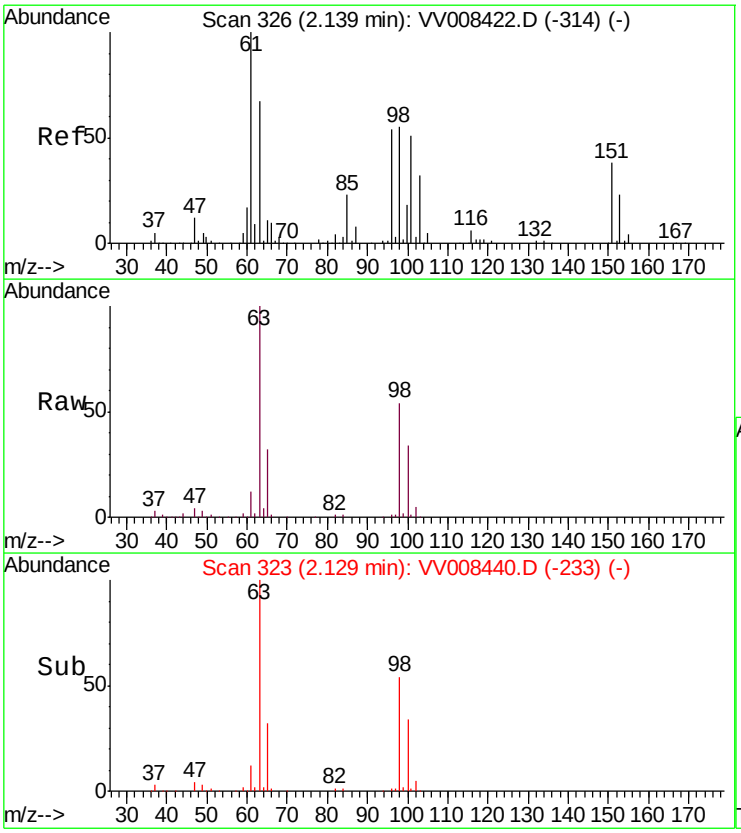
#5
Vinyl chloride
Concen: 1.038 ug/L
RT: 1.21 min Scan# 38
Delta R.T. -0.11 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 62 Resp: 1386

Ion	Ratio	Lower	Upper
62	100		
64	43.2	24.4	45.4

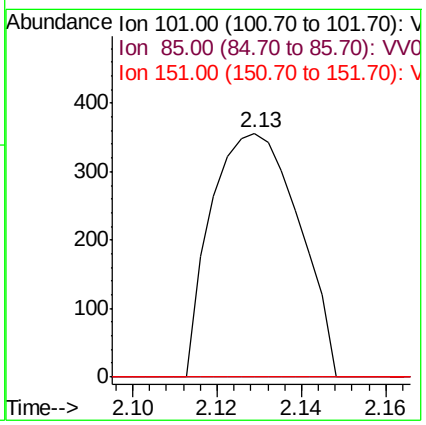


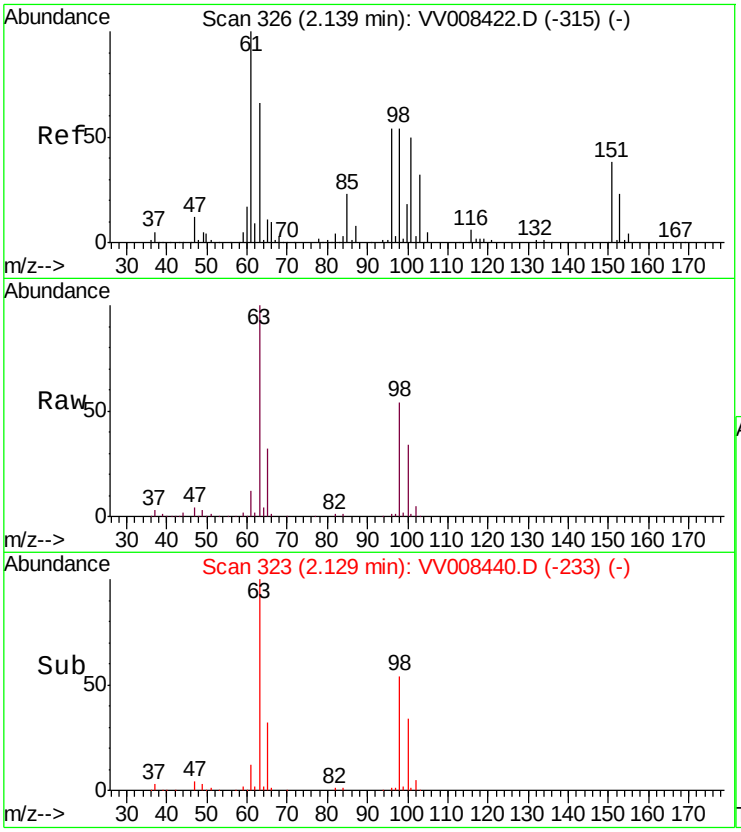


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.570 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Tgt Ion:101 Resp: 512

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	58.1	87.1#



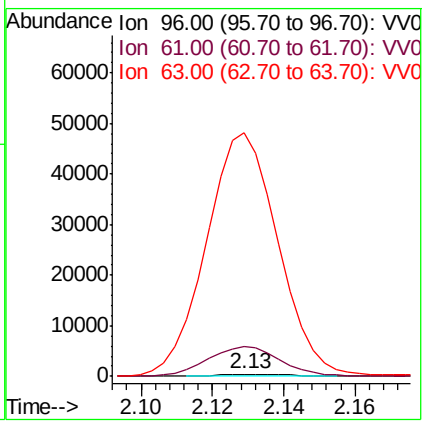


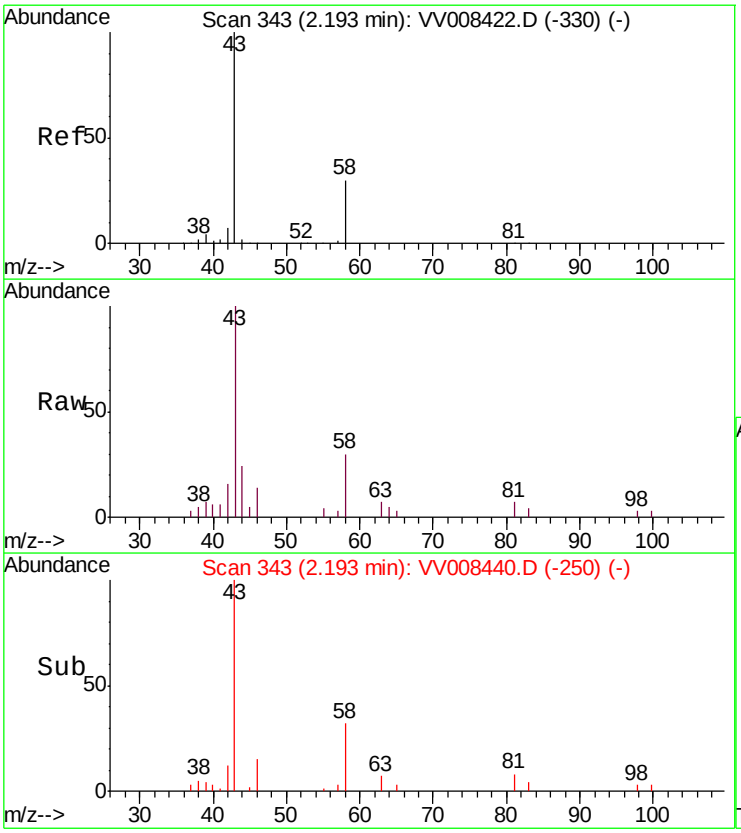
#12
1,1-Dichloroethene
Concen: 0.740 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 96 Resp: 626

Ion	Ratio	Lower	Upper
96	100		
61	1360.6	130.3	242.1#
63	11301.4	84.4	156.8#

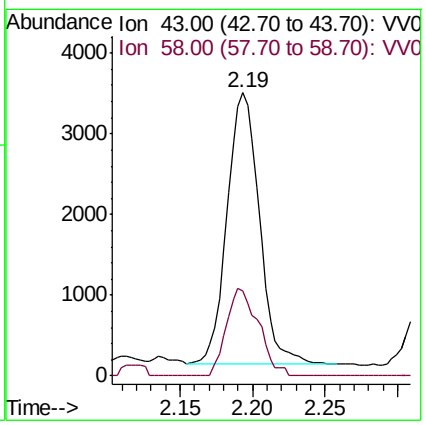


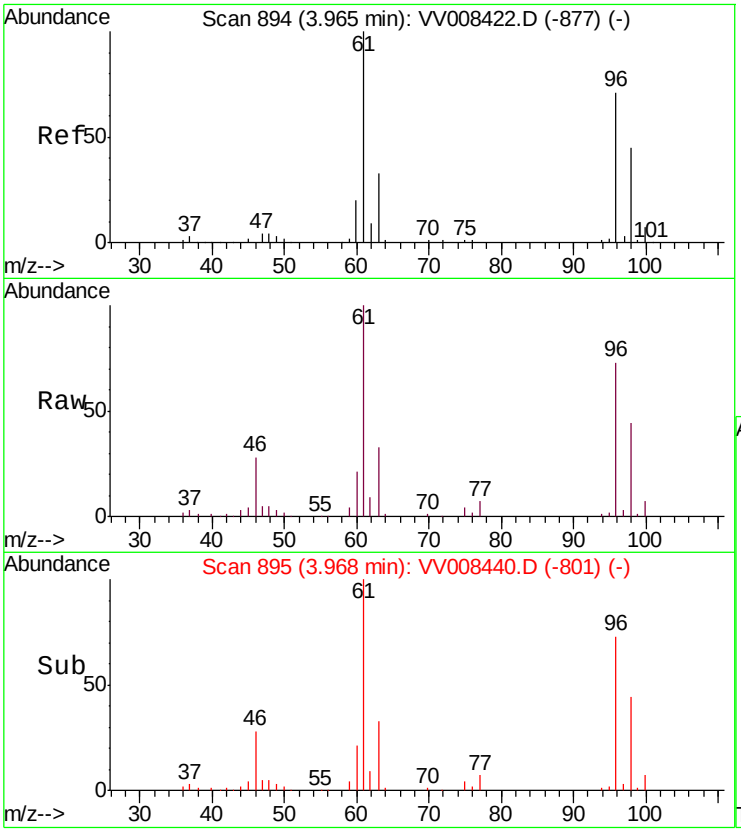


#13
Acetone
Concen: 5.936 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Tgt Ion: 43 Resp: 5225

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	61.4



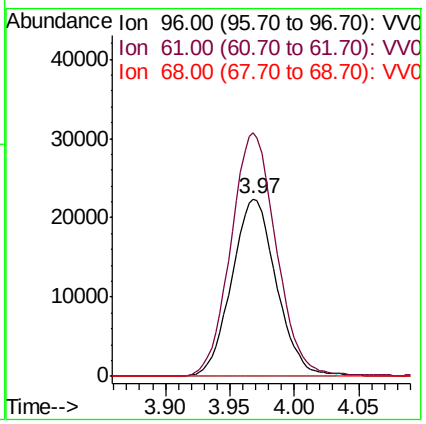


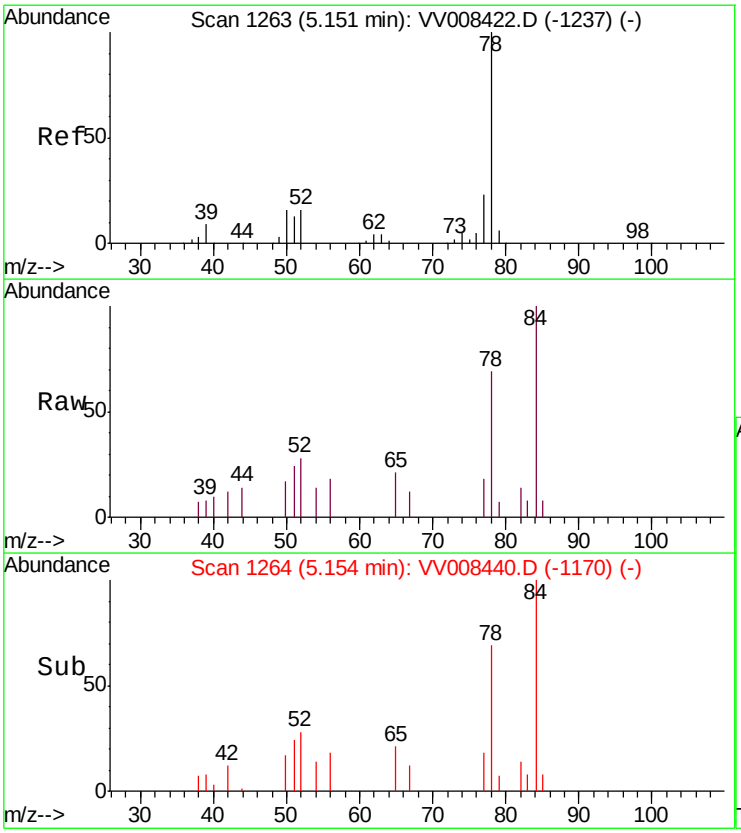
#20
cis-1,2-Dichloroethene
Concen: 36.661 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 96 Resp: 53839

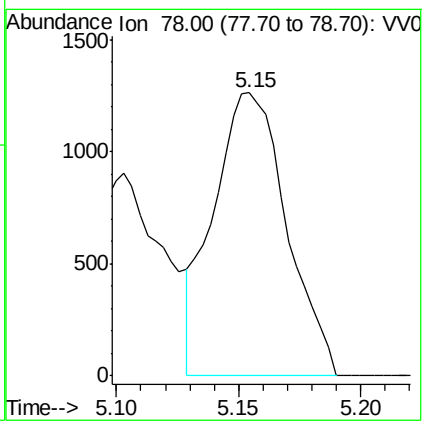
Ion	Ratio	Lower	Upper
96	100		
61	137.1	100.9	187.5
68	0.0	0.0	0.0

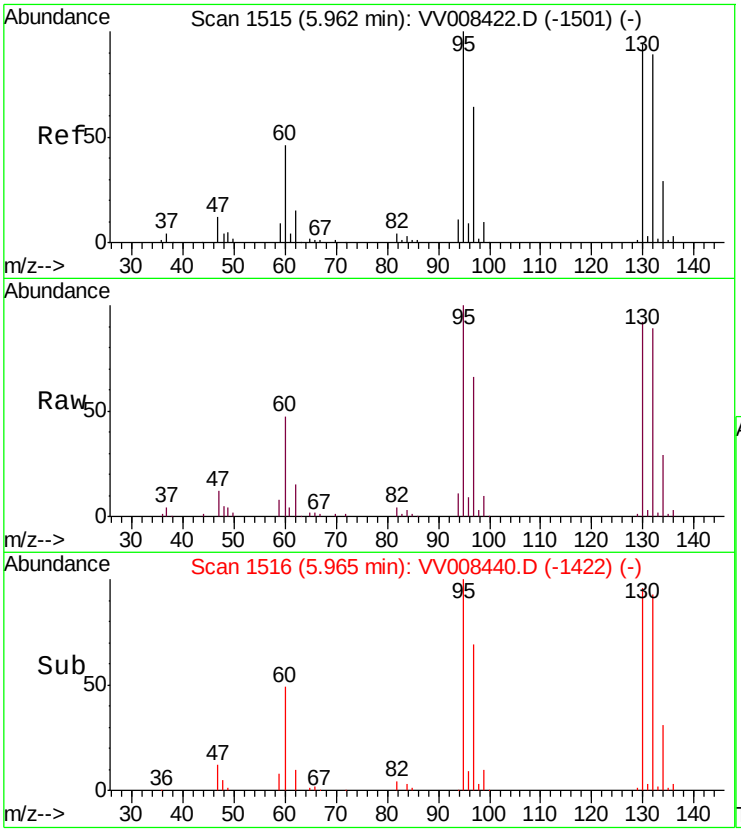




#33
Benzene
Concen: 0.471 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Tgt Ion: 78 Resp: 2632



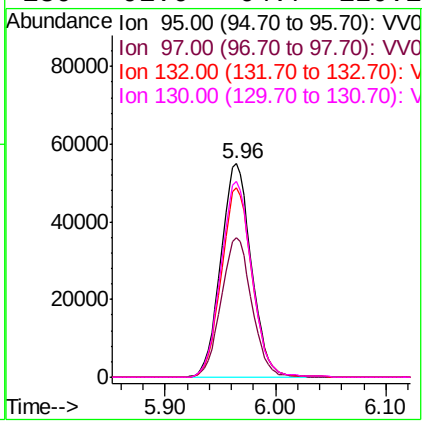


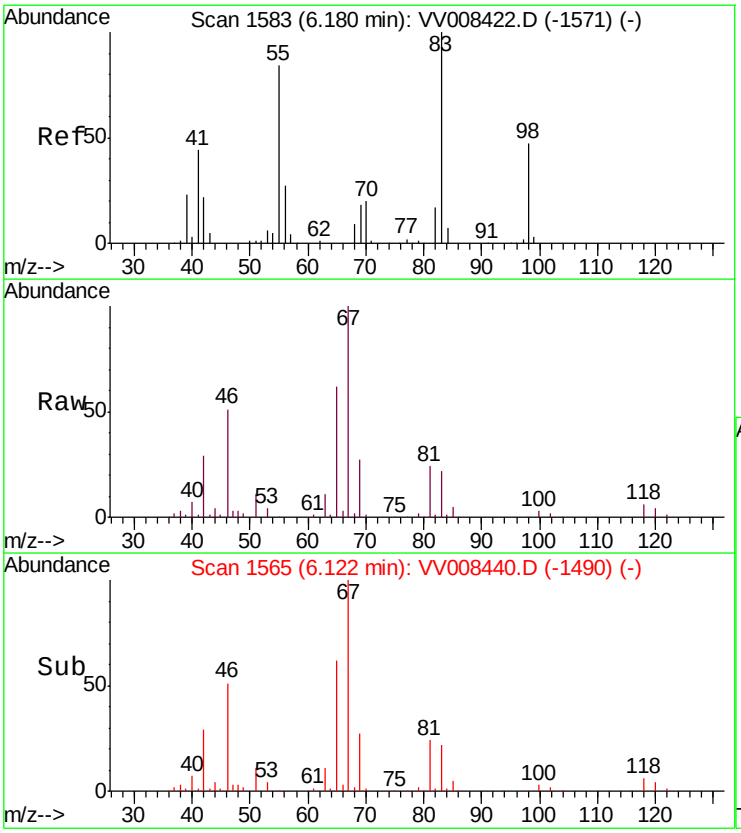
#34
Trichloroethene
Concen: 73.885 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 95 Resp: 105702

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.2	84.0
132	88.5	63.8	118.6
130	91.6	64.7	120.1

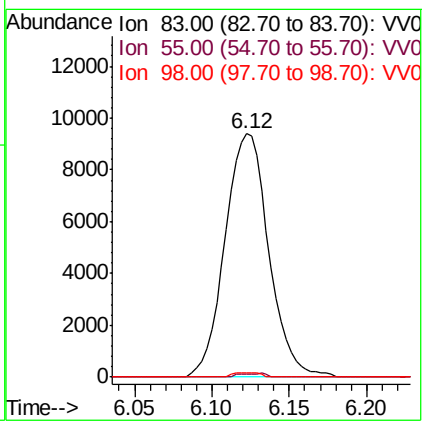


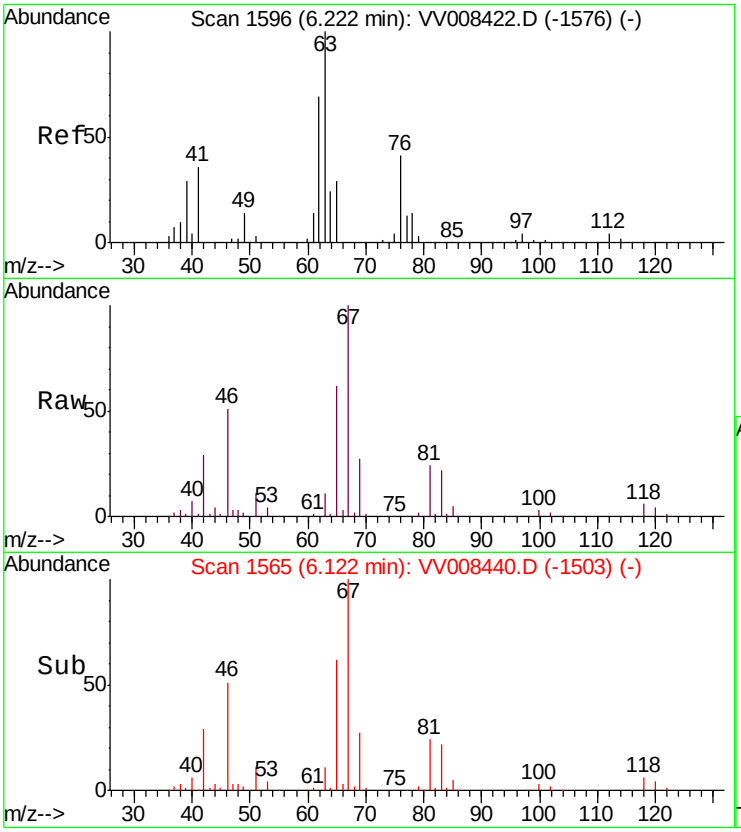


#35
Methylcyclohexane
Concen: 7.589 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Tgt Ion: 83 Resp: 18459

Ion	Ratio	Lower	Upper
83	100		
55	0.5	65.0	97.4#
98	1.1	36.0	54.0#



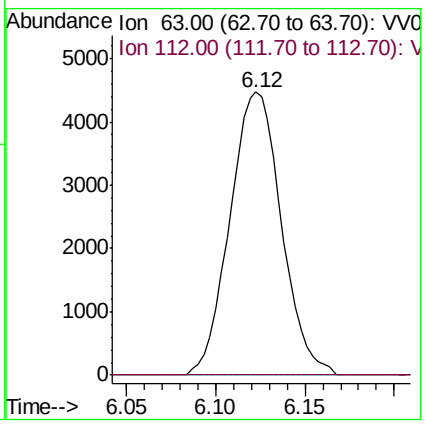


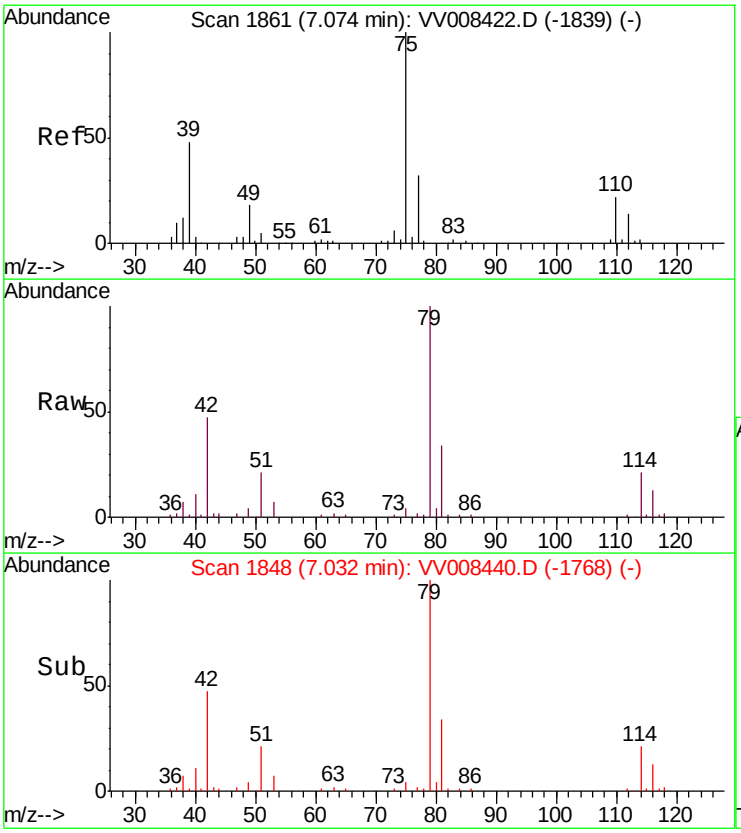
#37
1,2-Dichloropropane
Concen: 5.816 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 63 Resp: 8976

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

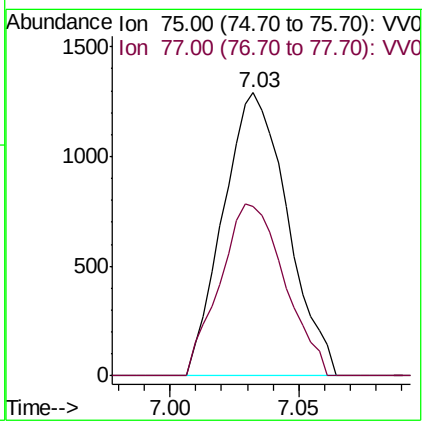


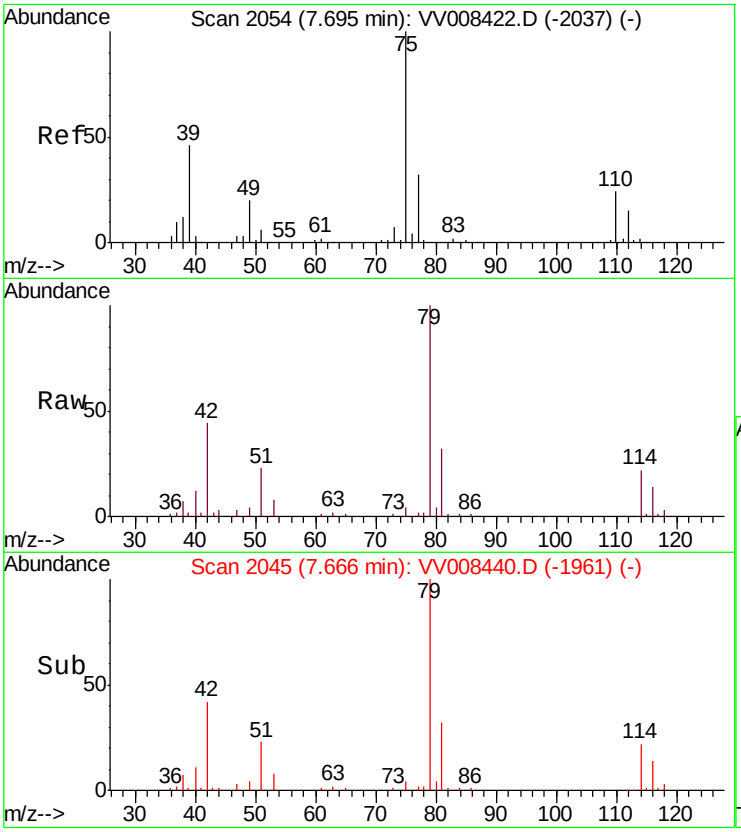


#39
cis-1,3-Dichloropropene
Concen: 0.924 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Tgt Ion: 75 Resp: 2243

Ion	Ratio	Lower	Upper
75	100		
77	60.0	22.6	42.0#



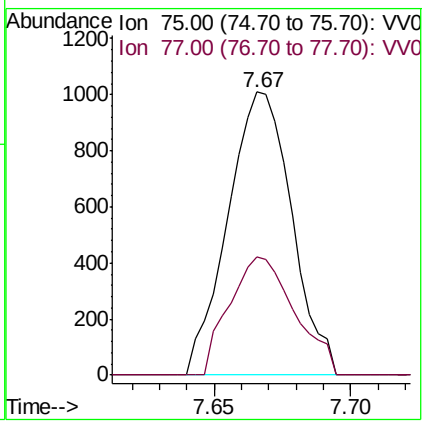


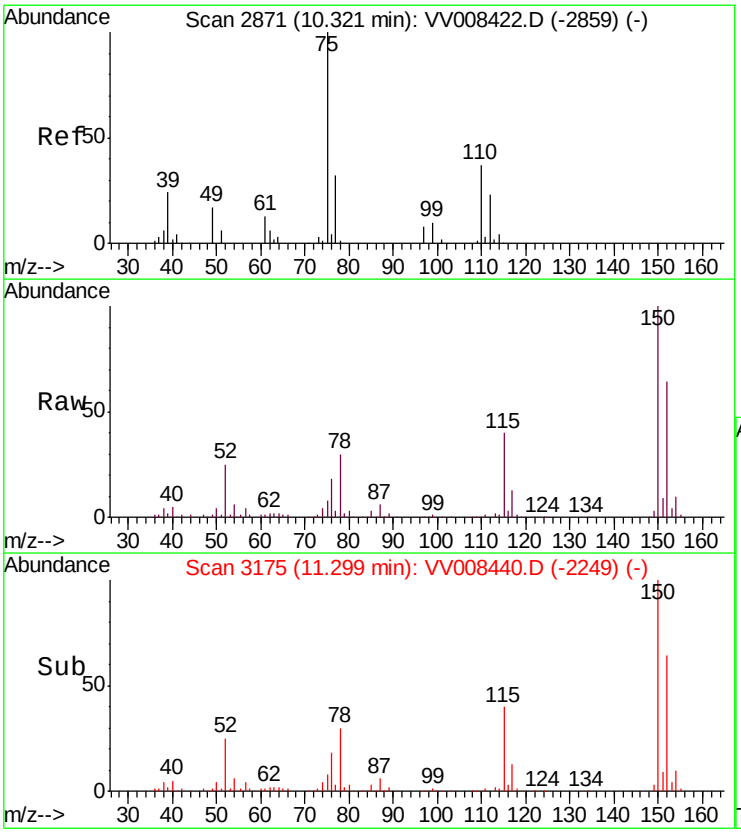
#44
trans-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

Tgt Ion: 75 Resp: 1643

Ion	Ratio	Lower	Upper
75	100		
77	41.8	21.8	40.4#





#59
1,2,3-Trichloropropane
Concen: 4.726 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008440.D
Acq: 26 Oct 2018 17:56

Tgt Ion: 75 Resp: 9141

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.8	38.8