Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102918\

Quantitation Report (Not Reviewed)

Data File : VV008456.D
Acq On : 29 Oct 2018 16:15
Operator : SY/MD
Sample : J5669-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBR1

Quant Time: Oct 30 07:45:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	188042	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169926	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71432	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46588	44.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.50%			
7) Chloroethane-d5	1.56	69	35956	47.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.66%			
11) 1,1-Dichloroethene-d2	2.13	63	64397	34.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.50%			
21) 2-Butanone-d5	3.94	46	109309	96.60	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.60%			
24) Chloroform-d	4.41	84	120622	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.94%			
26) 1,2-Dichloroethane-d4	5.09	65	83746	48.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.56%			
32) Benzene-d6	5.10	84	242317	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.08%			
36) 1,2-Dichloropropane-d6	6.12	67	84942	50.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.06%			
41) Toluene-d8	7.36	98	216926	49.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.68%			
43) trans-1,3-Dichloropropene-	7.67	79	40005	48.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.98%			
47) 2-Hexanone-d5	8.14	63	83920	95.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.62%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	112210	49.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.58%			
64) 1,2-Dichlorobenzene-d4	11.68	152	73974	50.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.26%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	8384	6.291	ug/L #	22
8) Chloroethane	1.56	64	1202	1.717	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	523	0.584	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	638	0.756	ug/L #	1
13) Acetone	2.19	43	6047	6.886	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	40818	27.858	ug/L	92
35) Methylcyclohexane	6.12	83	18833	7.790	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9143	5.960	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2436	1.010	ug/L #	80
44) trans-1,3-Dichloropropene	7.67	75	1722	0.763	ug/L	89
59) 1,2,3-Trichloropropane	11.30	75	9141	4.755	ug/L	90

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

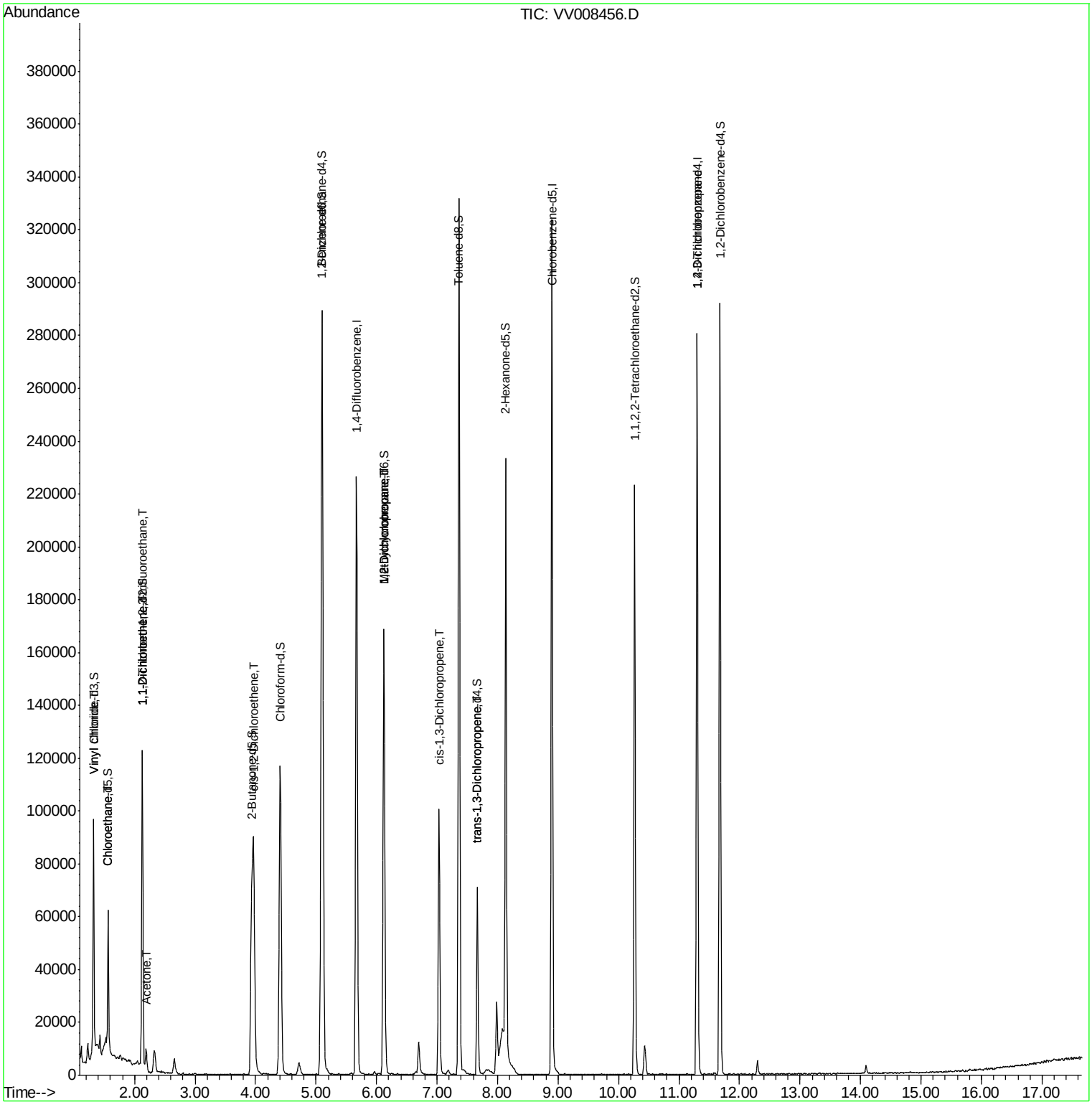
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102918\

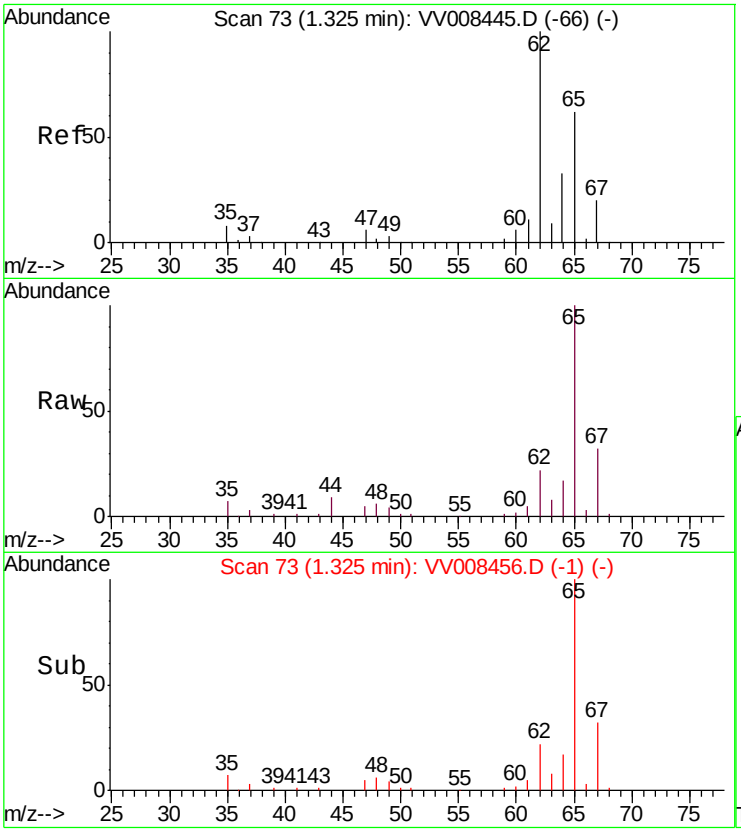
Quantitation Report (Not Reviewed)

Data File : VV008456.D
Acq On : 29 Oct 2018 16:15
Operator : SY/MD
Sample : J5669-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBR1

Quant Time: Oct 30 07:45:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration



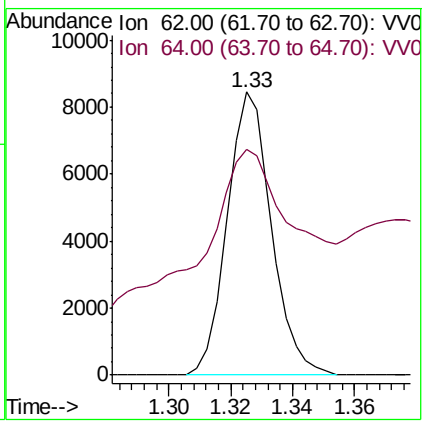


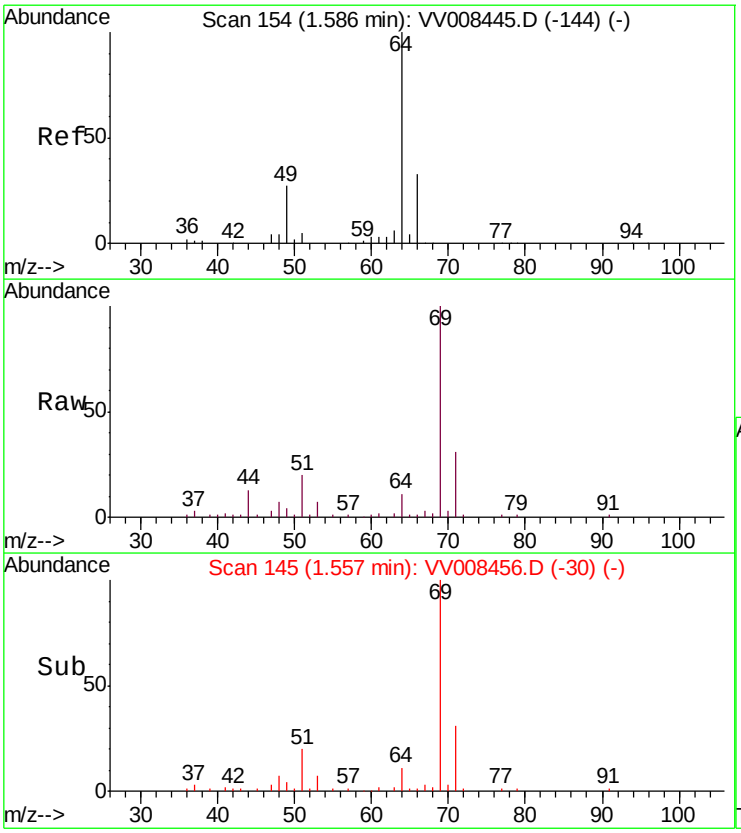
#5
Vinyl chloride
Concen: 6.291 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Instrument :
MSVOA_V
ClientSampleId :
ETBR1

Tgt Ion: 62 Resp: 8384

Ion	Ratio	Lower	Upper
62	100		
64	79.9	24.4	45.4#

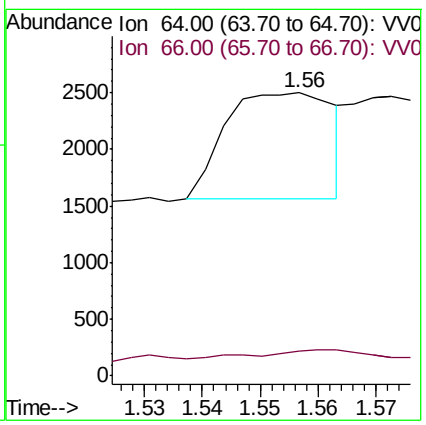


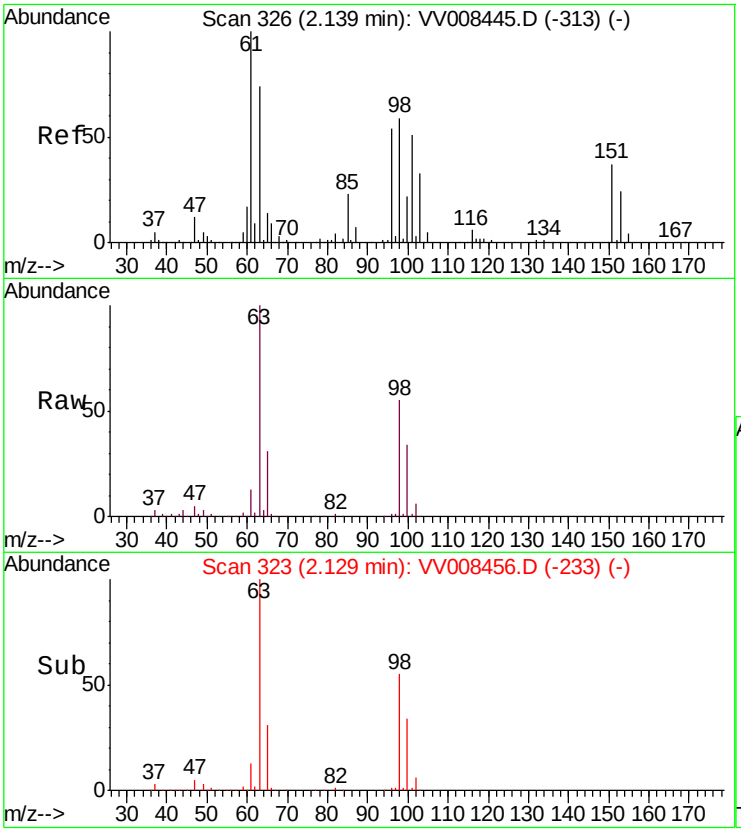


#8
Chloroethane
Concen: 1.717 ug/L
RT: 1.56 min Scan# 145
Delta R.T. -0.03 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Tgt Ion: 64 Resp: 1202

Ion	Ratio	Lower	Upper
64	100		
66	8.6	19.9	36.9#



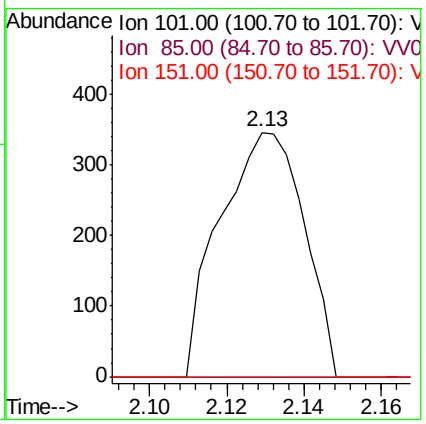


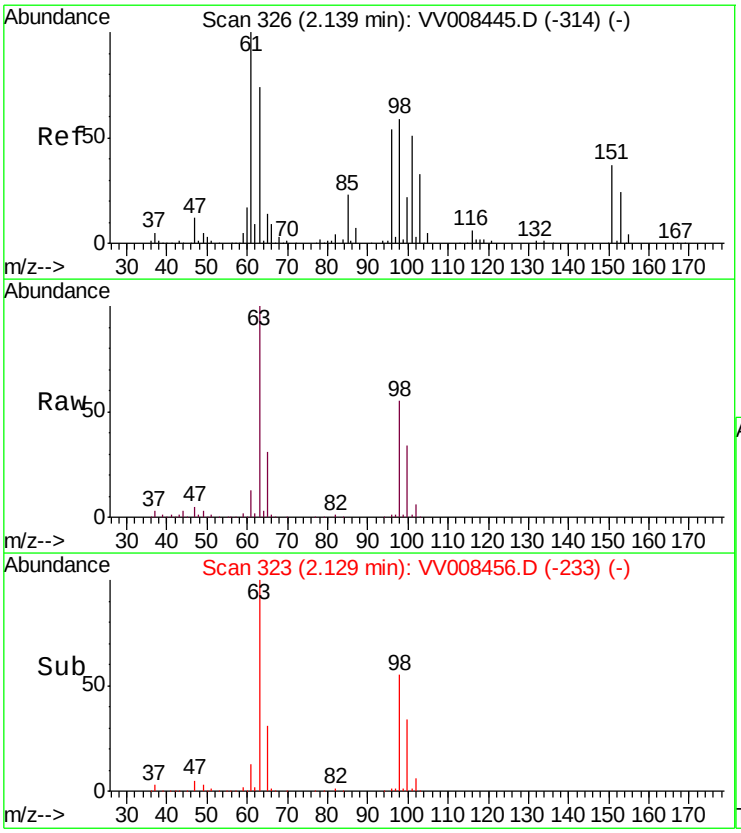
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.584 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Instrument :
MSVOA_V
ClientSampleId :
ETBR1

Tgt Ion:101 Resp: 523

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

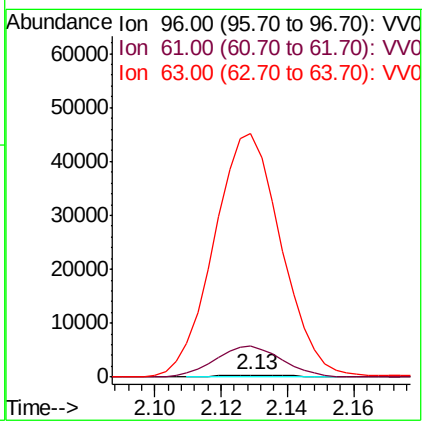


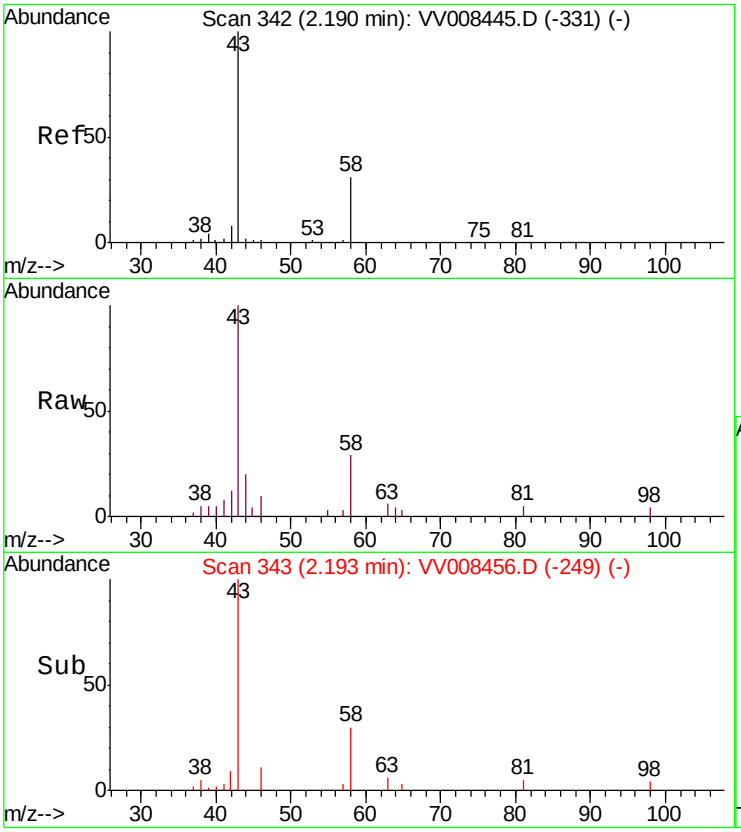


#12
1,1-Dichloroethene
Concen: 0.756 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Tgt Ion: 96 Resp: 638

Ion	Ratio	Lower	Upper
96	100		
61	1386.8	130.3	242.1#
63	11041.6	84.4	156.8#



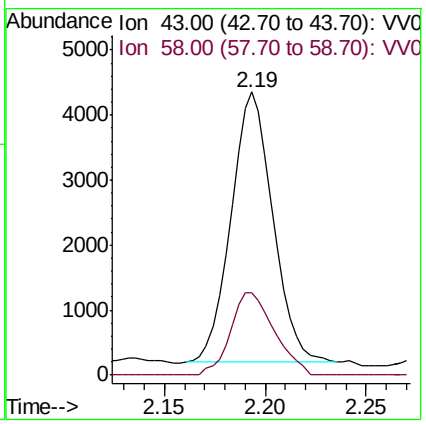


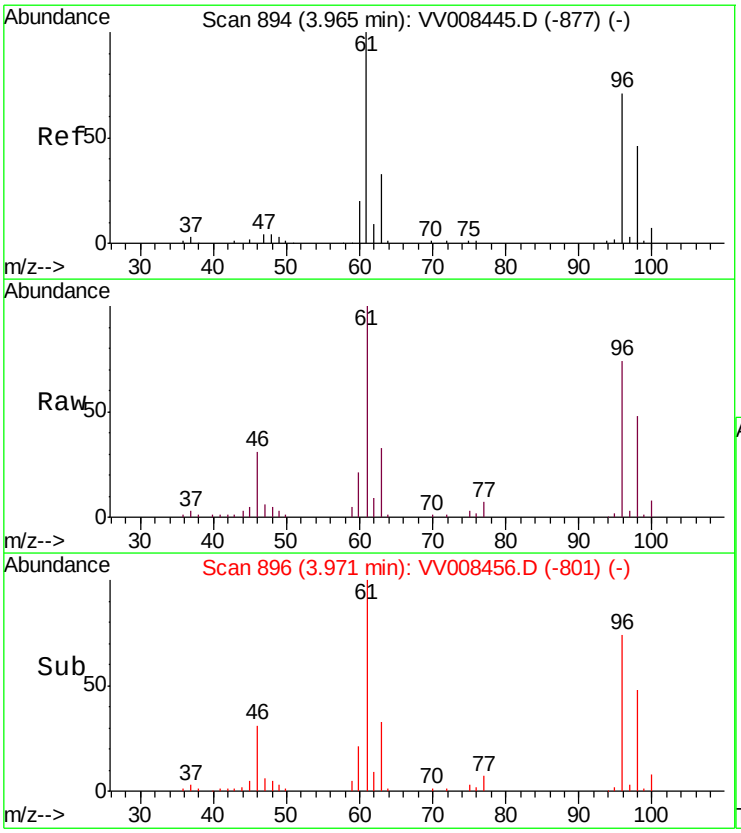
#13
Acetone
Concen: 6.886 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Instrument :
MSVOA_V
ClientSampleId :
ETBR1

Tgt Ion: 43 Resp: 6047

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	61.4

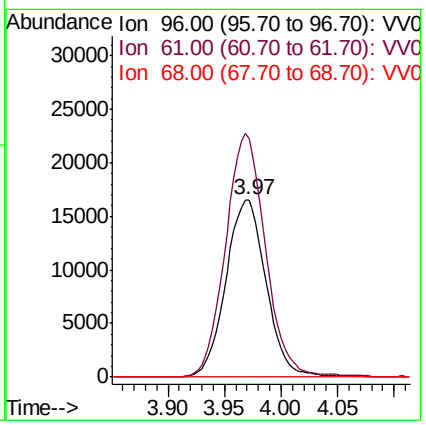


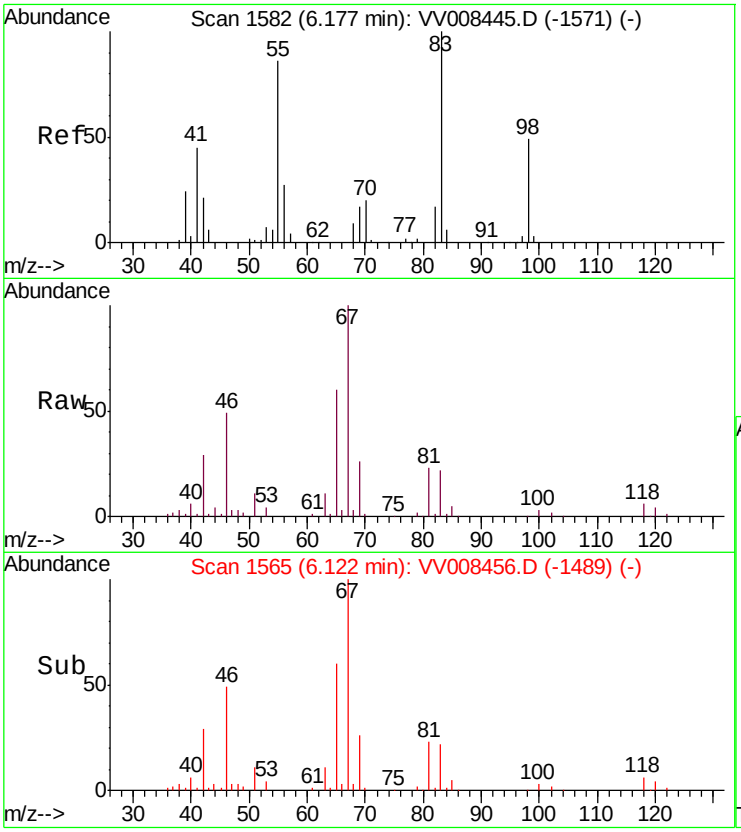


#20
cis-1,2-Dichloroethene
Concen: 27.858 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Tgt Ion: 96 Resp: 40818

Ion	Ratio	Lower	Upper
96	100		
61	134.9	100.9	187.5
68	0.0	0.0	0.0



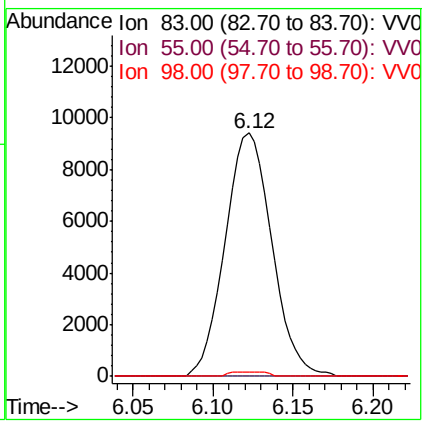


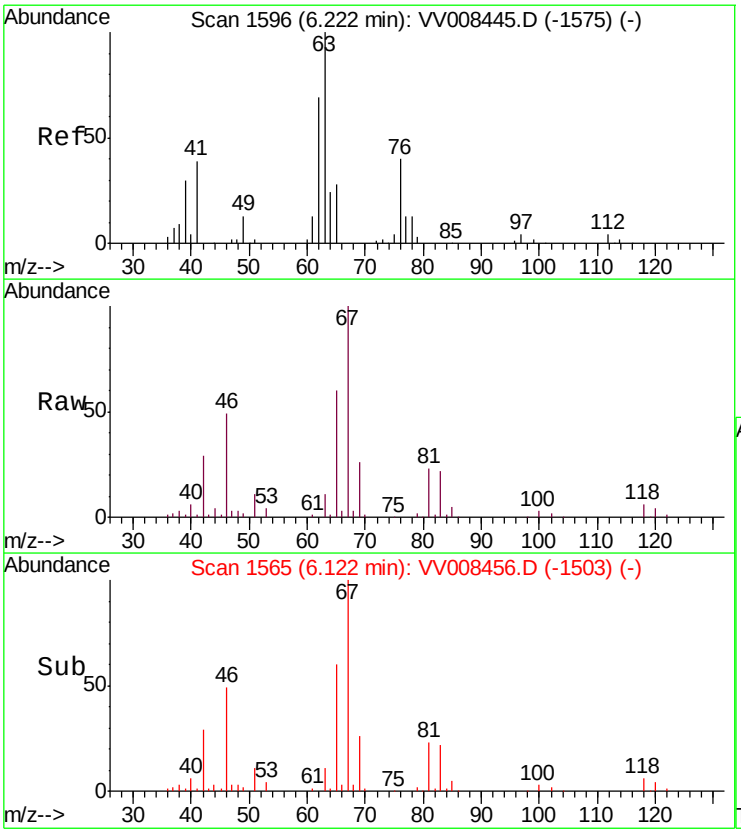
#35
Methylcyclohexane
Concen: 7.790 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Instrument :
MSVOA_V
ClientSampleId :
ETBR1

Tgt Ion: 83 Resp: 18833

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.0	97.4#
98	0.6	36.0	54.0#

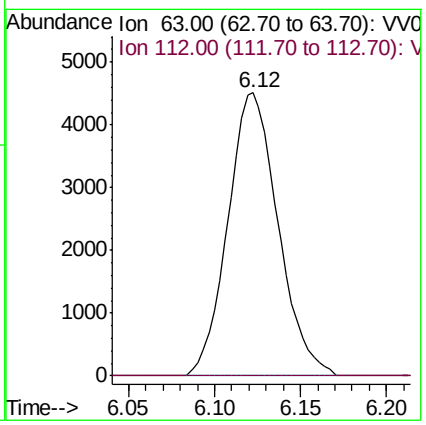


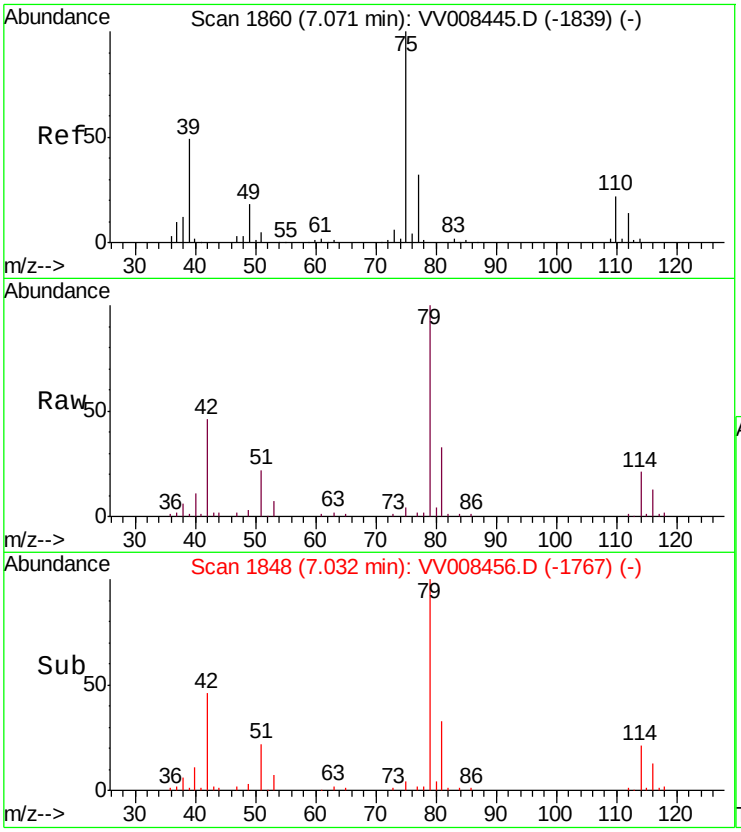


#37
1,2-Dichloropropane
Concen: 5.960 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Tgt Ion: 63 Resp: 9143

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



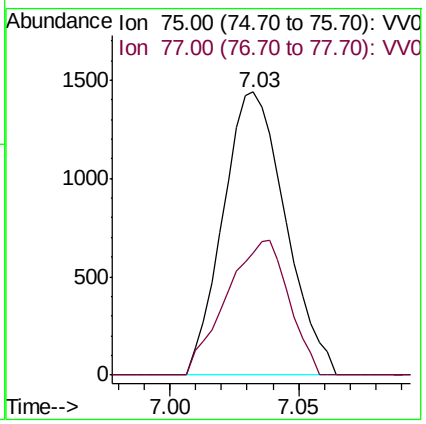


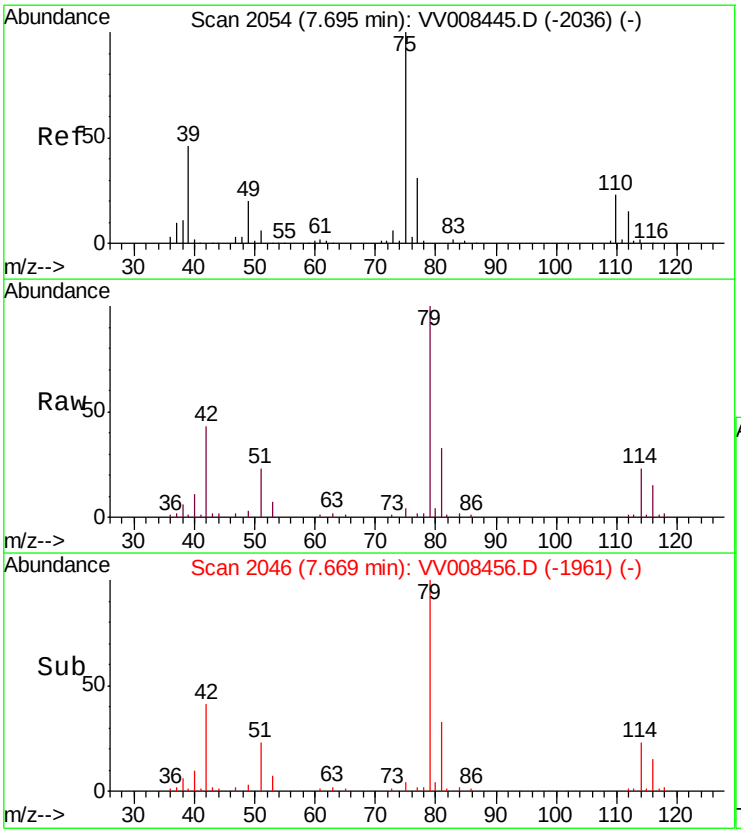
#39
cis-1,3-Dichloropropene
Concen: 1.010 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Instrument :
MSVOA_V
ClientSampleId :
ETBR1

Tgt Ion: 75 Resp: 2436

Ion	Ratio	Lower	Upper
75	100		
77	43.4	22.6	42.0#

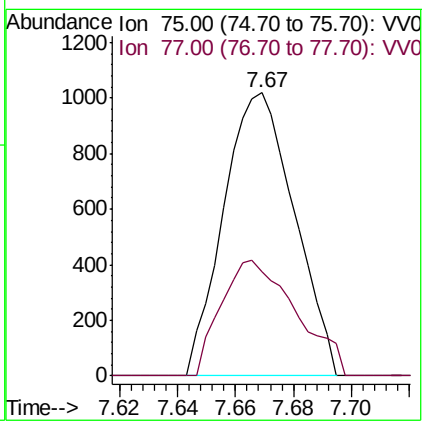


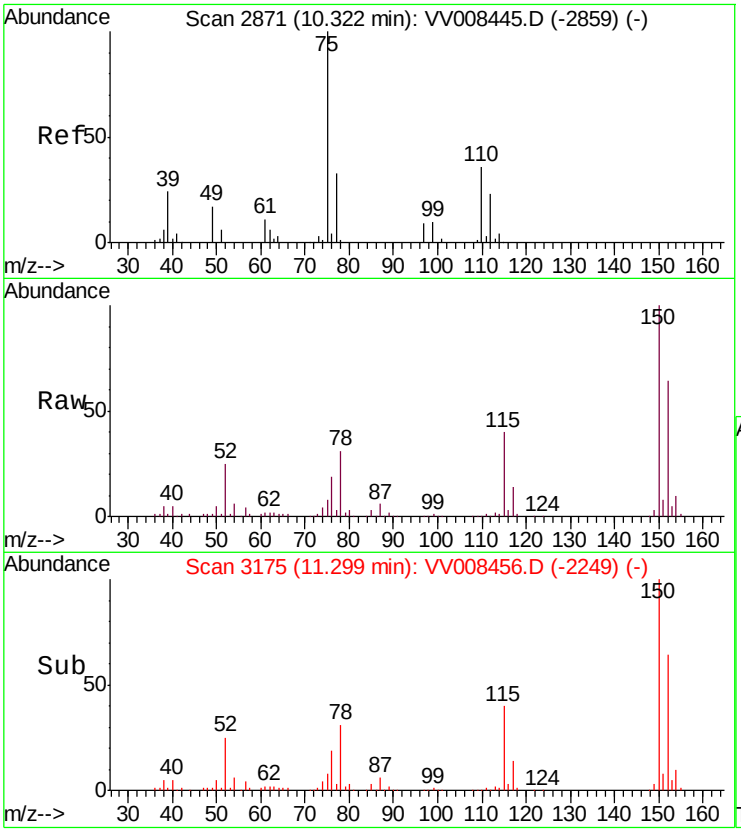


#44
trans-1,3-Dichloropropene
Concen: 0.763 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Tgt Ion: 75 Resp: 1722

Ion	Ratio	Lower	Upper
75	100		
77	37.0	21.8	40.4





#59
1,2,3-Trichloropropane
Concen: 4.755 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008456.D
Acq: 29 Oct 2018 16:15

Instrument :
MSVOA_V
ClientSampleId :
ETBR1

Tgt Ion: 75 Resp: 9141

Ion	Ratio	Lower	Upper
75	100		
77	38.1	25.8	38.8