Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (Not Reviewed)

Data File : VV010008.D
Acq On : 29 Mar 2019 18:13
Operator : SY/MD
Sample : K2149-06
Misc : 5.34G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5H5

Quant Time: Mar 30 04:18:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124584	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	124101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48598	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	55129	21.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.24%			
7) Chloroethane-d5	1.57	69	66696	24.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.72%			
10) 1,1-Dichloroethene-d2	2.13	63	128642	18.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.40%			
20) 2-Butanone-d5	3.93	46	29239	62.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.12%			
24) Chloroform-d	4.40	84	77661	24.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.88%			
26) 1,2-Dichloroethane-d4	5.08	65	59767	31.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.16%			
29) Benzene-d6	5.10	84	172784	26.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.04%			
33) 1,2-Dichloropropane-d6	6.12	67	55866	29.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.20%			
37) Toluene-d8	7.36	98	147972	23.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.96%			
38) trans-1,3-Dichloropropene-	7.67	79	18732	24.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.08%			
39) 2-Hexanone-d5	8.13	63	20041	56.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.62%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50280	26.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.52%			
61) 1,2-Dichlorobenzene-d4	11.67	152	48981	26.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.88%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.12	96	1369	0.449	ug/L #	1
13) Acetone	2.19	43	2240	3.140	ug/L	66
16) Methylene chloride	2.53	84	9918	4.834	ug/L	94
25) Chloroform	4.42	83	13380	4.054	ug/L	94
35) Trichloroethene	5.67	95	3830	2.131	ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1551	0.625	ug/L #	57
45) trans-1,3-Dichloropropene	7.66	75	1351	0.665	ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	7319	5.342	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (Not Reviewed)

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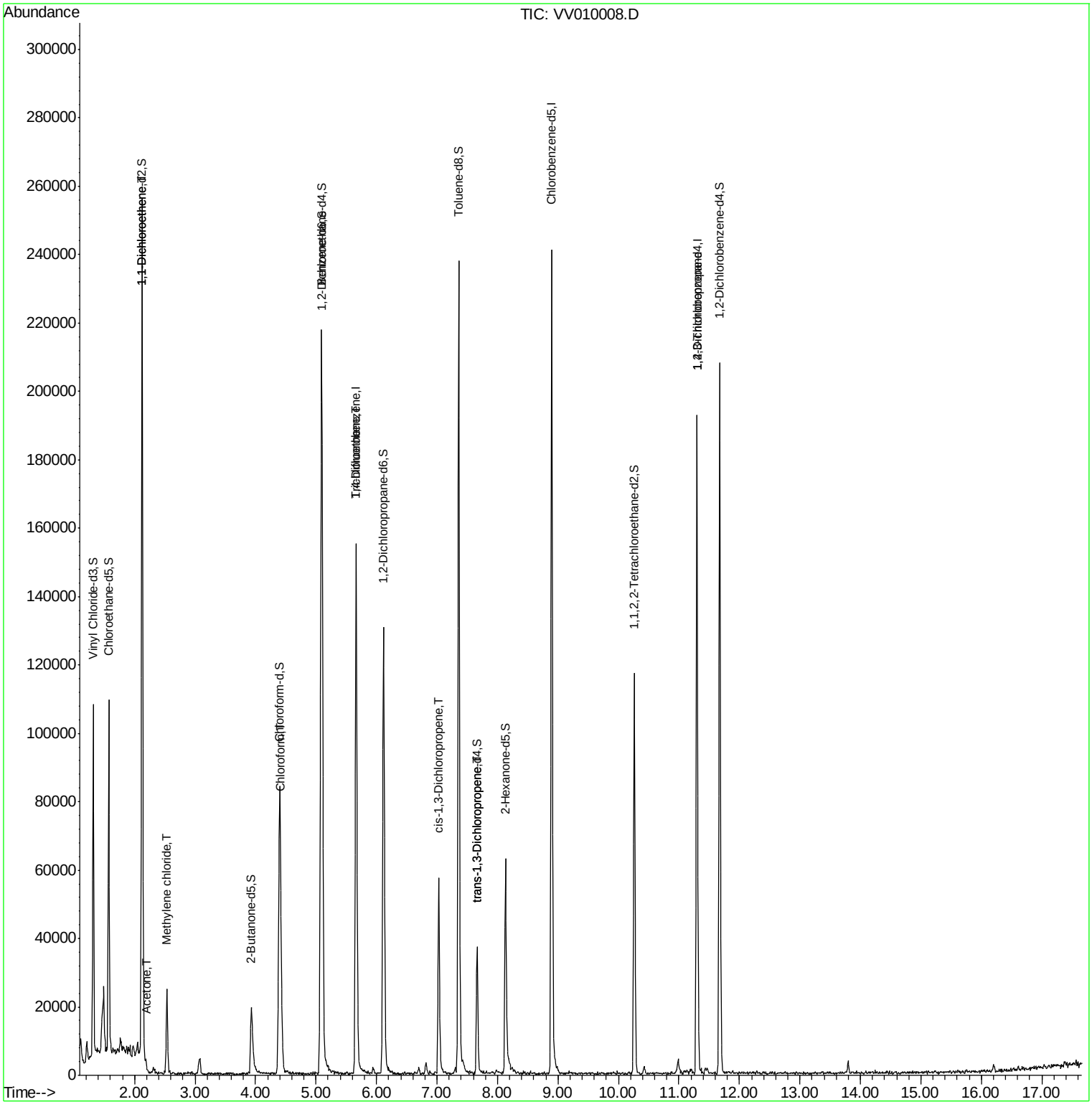
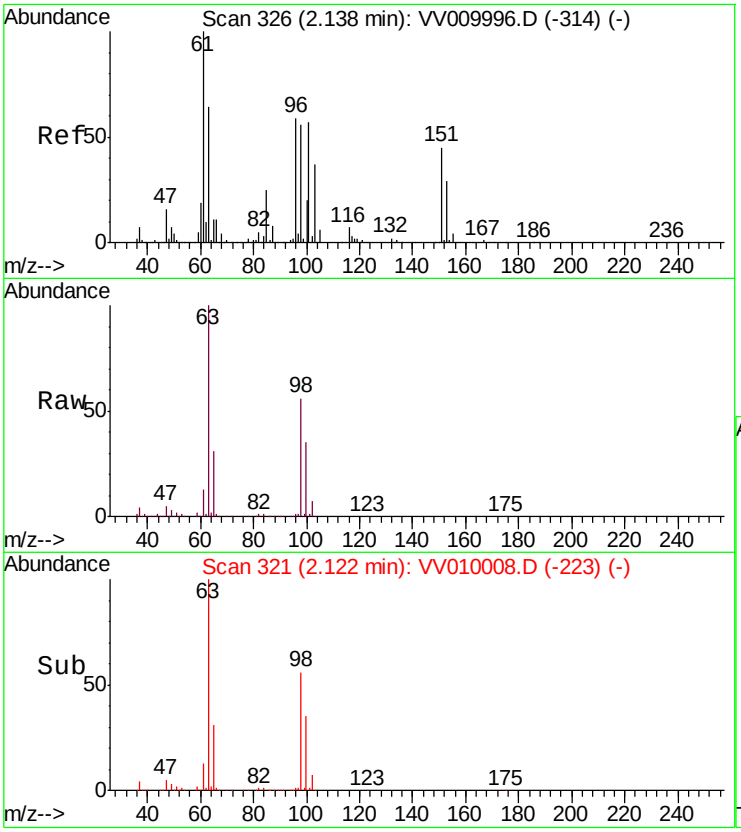
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5H5

Quant Time: Mar 30 04:18:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration



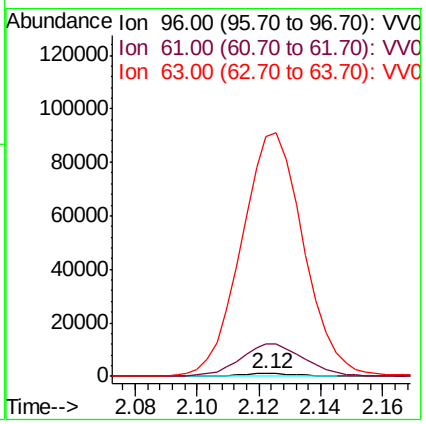


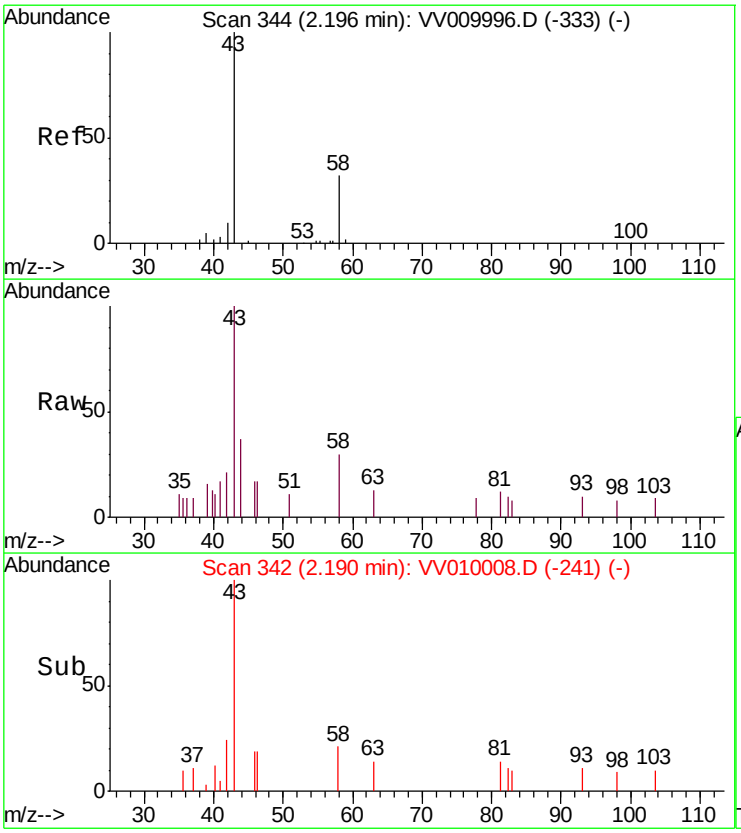
#12
1,1-Dichloroethene
Concen: 0.449 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.02 min
Lab File: VV010008.D
Acq: 29 Mar 2019 18:13

Instrument :
MSVOA_V
ClientSampleId :
BF5H5

Tgt Ion: 96 Resp: 1369

Ion	Ratio	Lower	Upper
96	100		
61	1315.1	124.3	230.8#
63	9804.4	88.2	163.8#

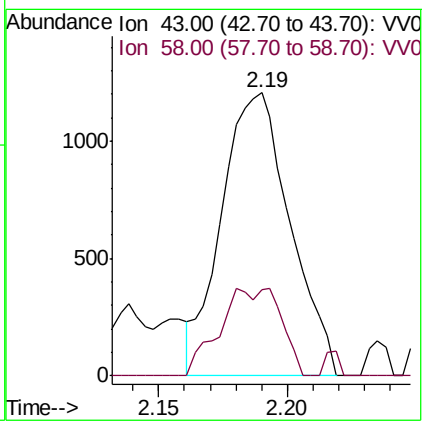


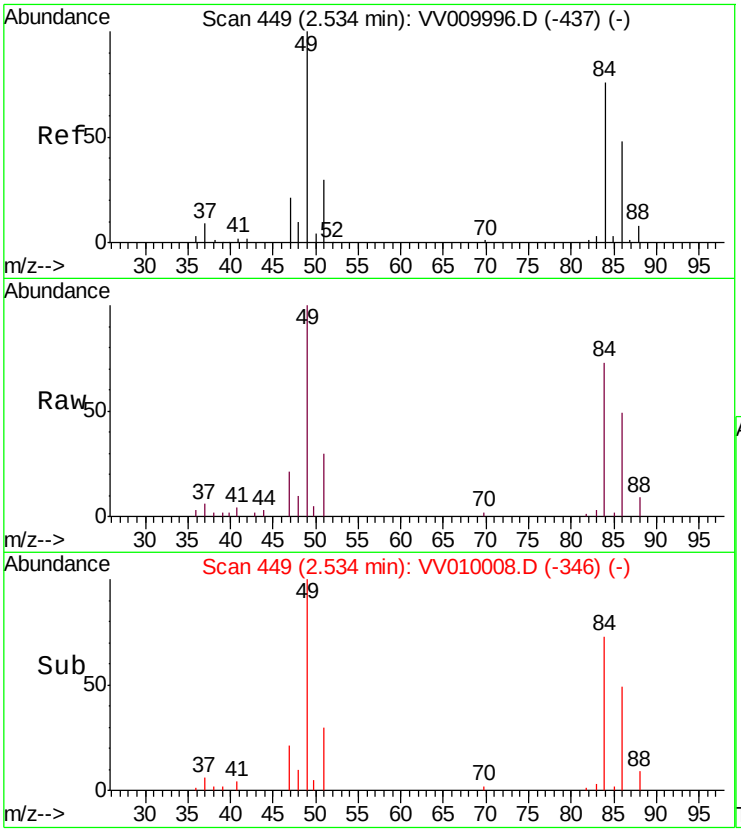


#13
Acetone
Concen: 3.140 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010008.D
Acq: 29 Mar 2019 18:13

Tgt Ion: 43 Resp: 2240

Ion	Ratio	Lower	Upper
43	100		
58	11.5	0.0	59.4



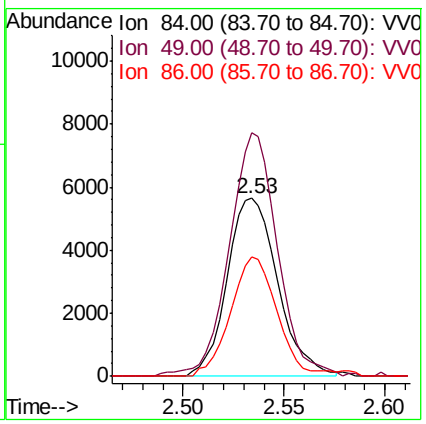


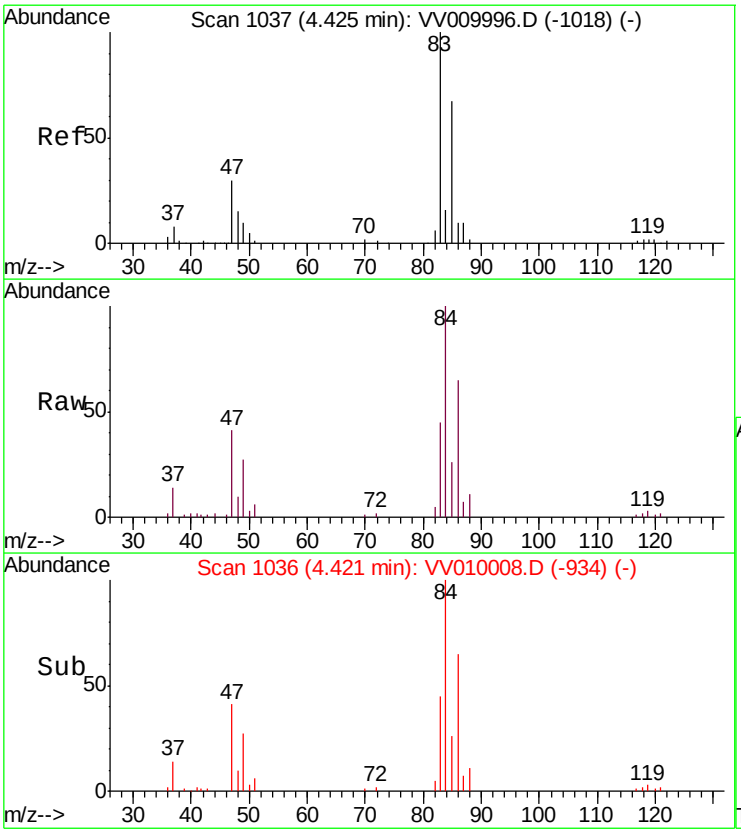
#16
Methylene chloride
Concen: 4.834 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010008.D
Acq: 29 Mar 2019 18:13

Instrument :
MSVOA_V
ClientSampleId :
BF5H5

Tgt Ion: 84 Resp: 9918

Ion	Ratio	Lower	Upper
84	100		
49	136.6	90.4	167.8
86	67.4	44.0	81.6

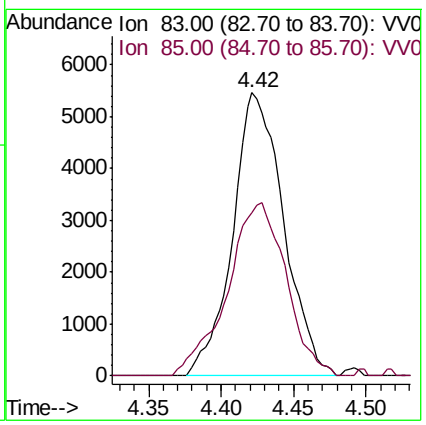


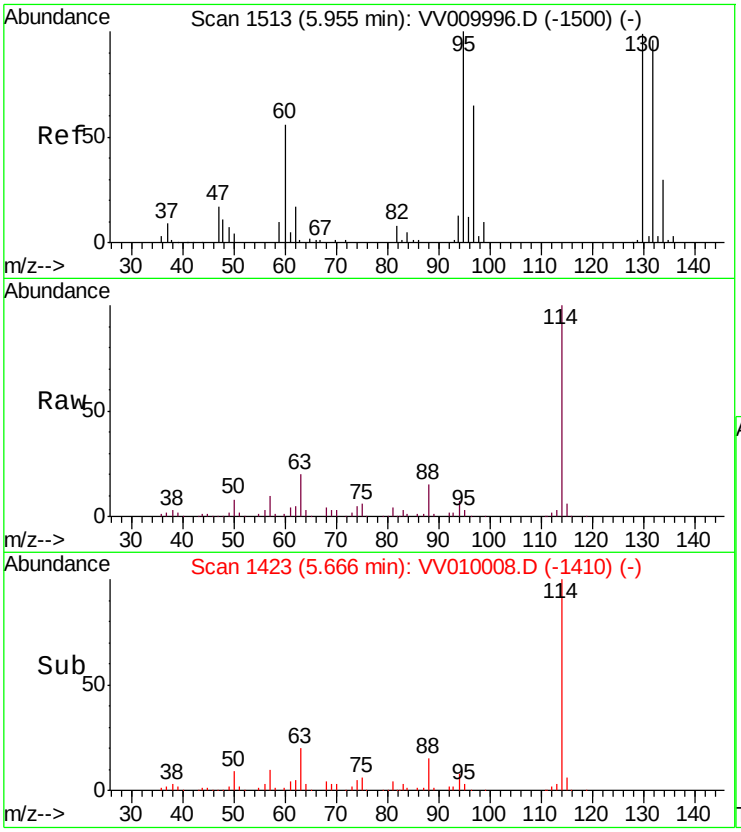


#25
Chloroform
Concen: 4.054 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010008.D
Acq: 29 Mar 2019 18:13

Tgt Ion: 83 Resp: 13380

Ion	Ratio	Lower	Upper
83	100		
85	70.3	46.1	85.7



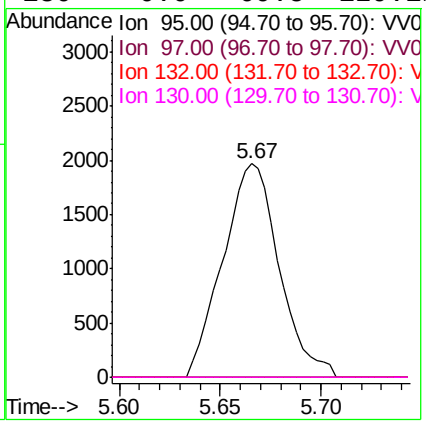


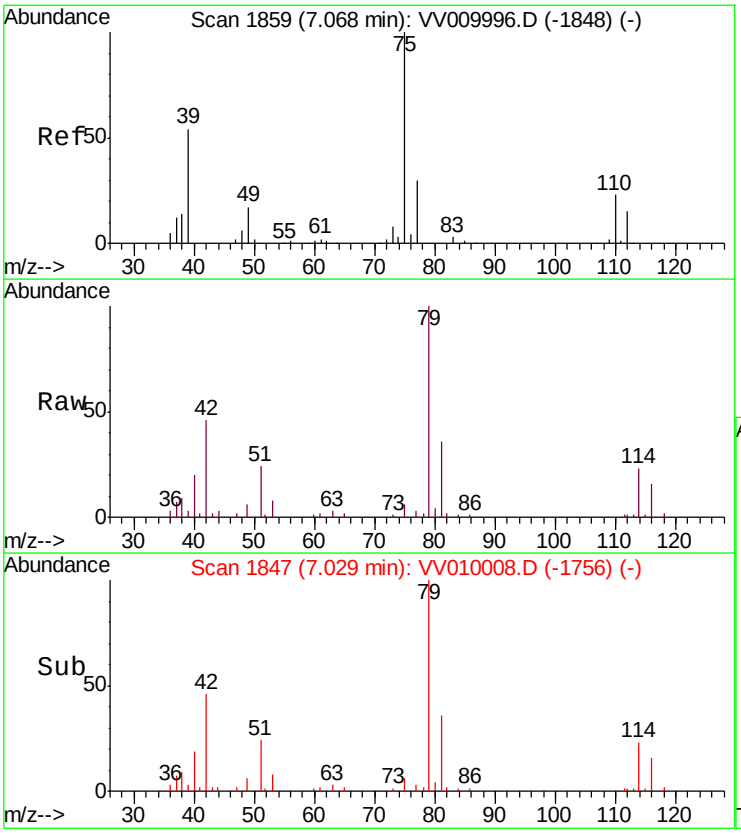
#35
Trichloroethene
Concen: 2.131 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010008.D
Acq: 29 Mar 2019 18:13

Instrument : MSVOA_V
ClientSampleId : BF5H5

Tgt Ion: 95 Resp: 3830

Ion	Ratio	Lower	Upper
95	100		
97	1.2	46.3	85.9#
132	0.0	69.3	128.7#
130	0.0	69.5	129.1#

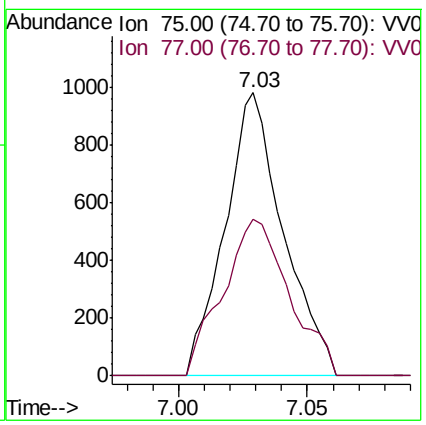


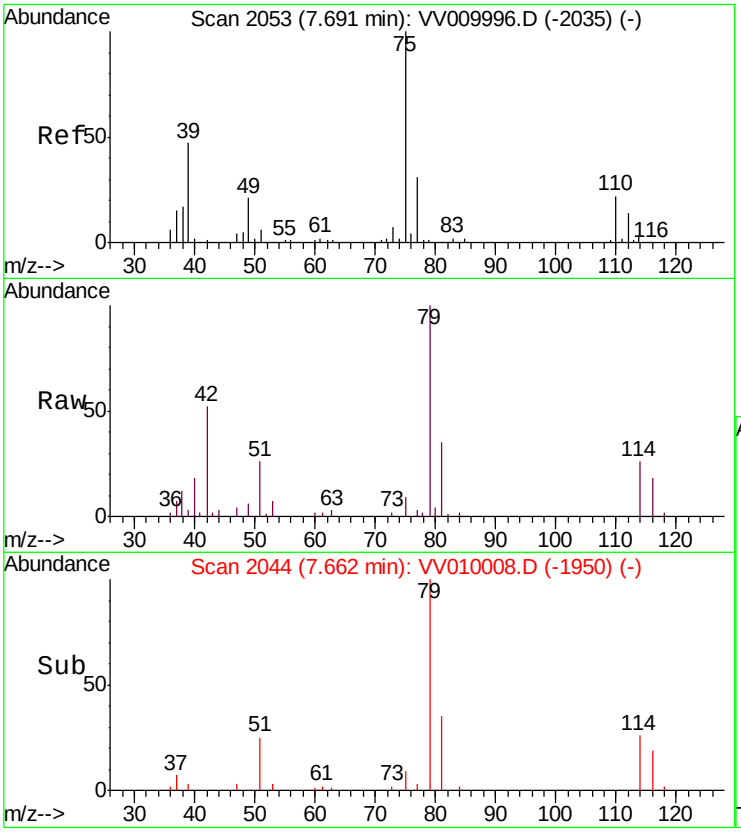


#42
cis-1,3-Dichloropropene
Concen: 0.625 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010008.D
Acq: 29 Mar 2019 18:13

Tgt Ion: 75 Resp: 1551

Ion	Ratio	Lower	Upper
75	100		
77	55.1	21.8	40.6#



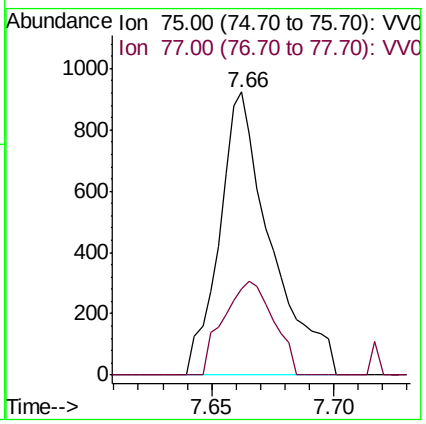


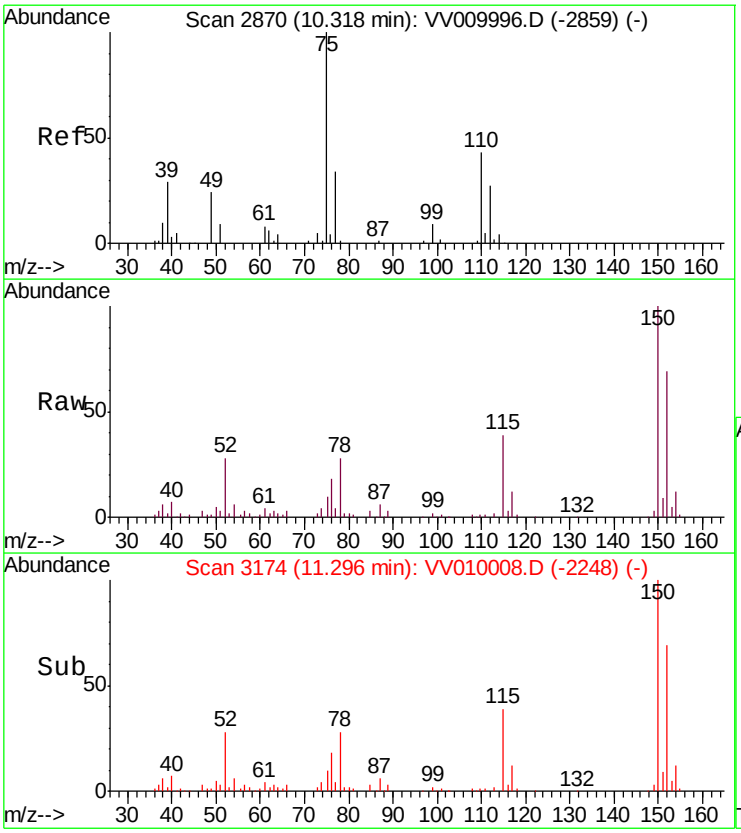
#45
trans-1,3-Dichloropropene
Concen: 0.665 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV010008.D
Acq: 29 Mar 2019 18:13

Instrument :
MSVOA_V
ClientSampleId :
BF5H5

Tgt Ion: 75 Resp: 1351

Ion	Ratio	Lower	Upper
75	100		
77	30.6	20.7	38.5





#59
1,2,3-Trichloropropane
Concen: 5.342 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010008.D
Acq: 29 Mar 2019 18:13

Tgt Ion: 75 Resp: 7319

Ion	Ratio	Lower	Upper
75	100		
77	38.9	26.2	39.2