Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (Not Reviewed)

Data File : VV009903.D
Acq On : 26 Mar 2019 19:28
Operator : SY/MD
Sample : K2083-16
Misc : 5.82G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0J3

Quant Time: Mar 27 01:48:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132579	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57380	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	63807	23.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.88%			
7) Chloroethane-d5	1.57	69	67918	23.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.48%			
10) 1,1-Dichloroethene-d2	2.13	63	139179	18.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.64%			
20) 2-Butanone-d5	3.93	46	29305	58.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.90%			
24) Chloroform-d	4.40	84	63713	18.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 75.44%			
26) 1,2-Dichloroethane-d4	5.08	65	53324	26.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.92%			
29) Benzene-d6	5.10	84	175221	25.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.72%			
33) 1,2-Dichloropropane-d6	6.12	67	53427	26.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.96%			
37) Toluene-d8	7.36	98	158892	24.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.48%			
38) trans-1,3-Dichloropropene-	7.66	79	18857	22.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.56%			
39) 2-Hexanone-d5	8.13	63	20917	55.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51873	25.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.92%			
61) 1,2-Dichlorobenzene-d4	11.68	152	54803	25.09	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.36%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	1728	0.533	ug/L #	1
13) Acetone	2.19	43	965	1.271	ug/L	84
16) Methylene chloride	2.53	84	2595	1.189	ug/L	87
22) cis-1,2-Dichloroethene	3.96	96	8196	4.273	ug/L	86
25) Chloroform	4.42	83	9840	2.801	ug/L #	13
35) Trichloroethene	5.97	95	3158	1.645	ug/L	91
42) cis-1,3-Dichloropropene	7.03	75	1844	0.696	ug/L #	53
45) trans-1,3-Dichloropropene	7.67	75	1243	0.573	ug/L	85
59) 1,2,3-Trichloropropane	11.30	75	9436	6.450	ug/L	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (Not Reviewed)

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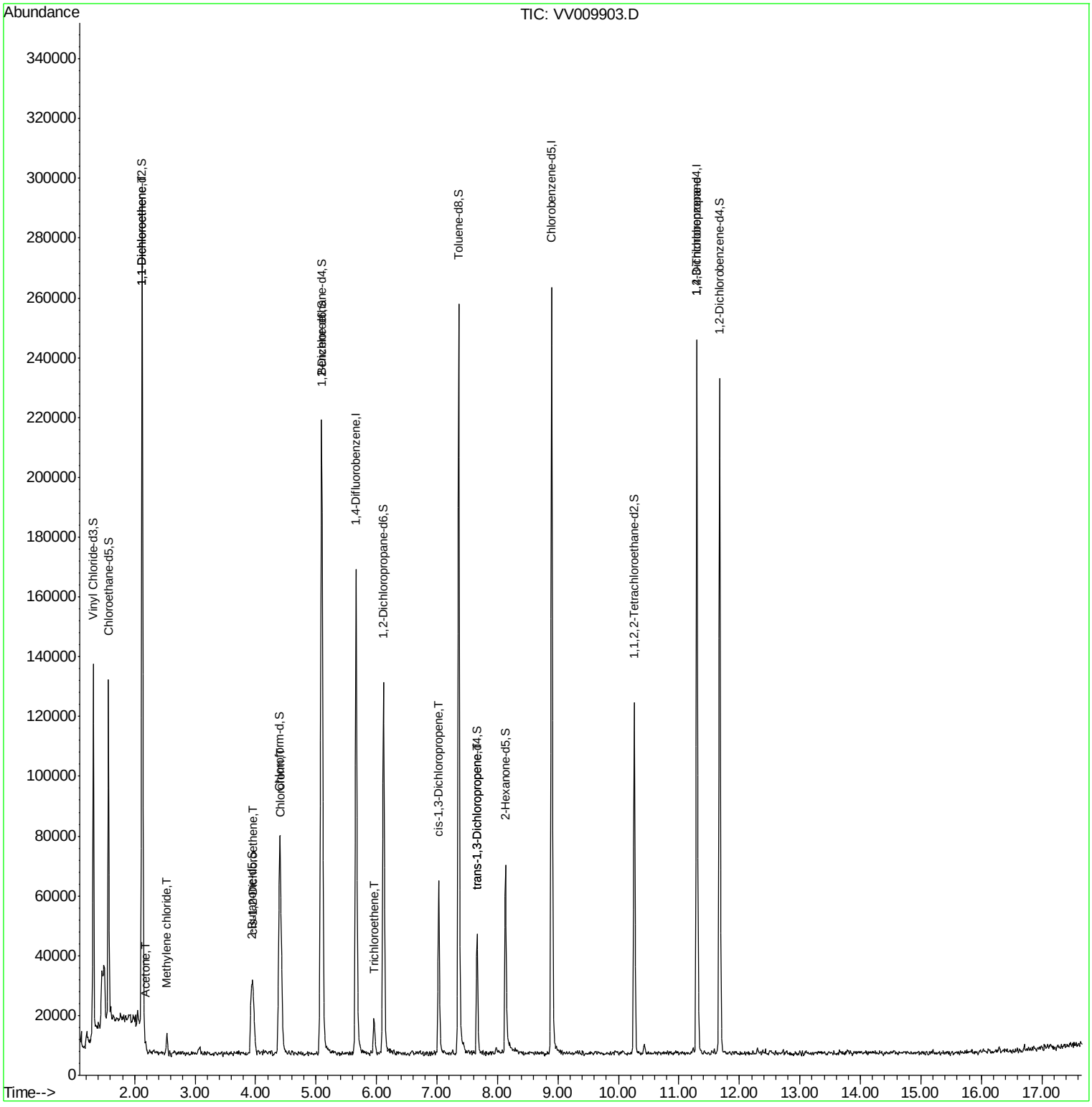
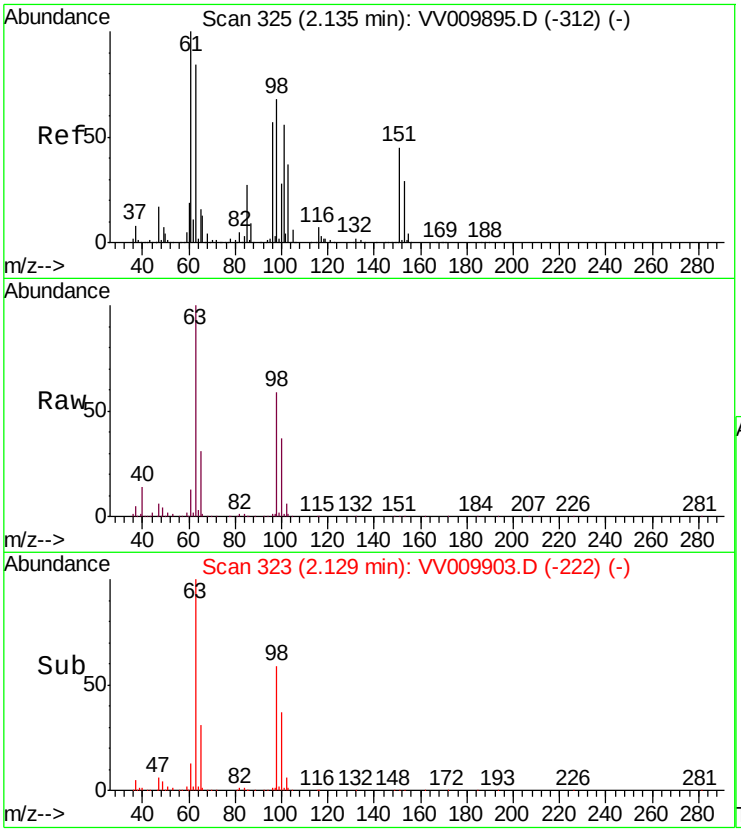
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J3

Quant Time: Mar 27 01:48:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration



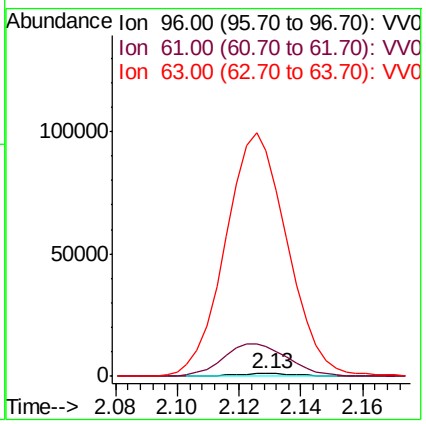


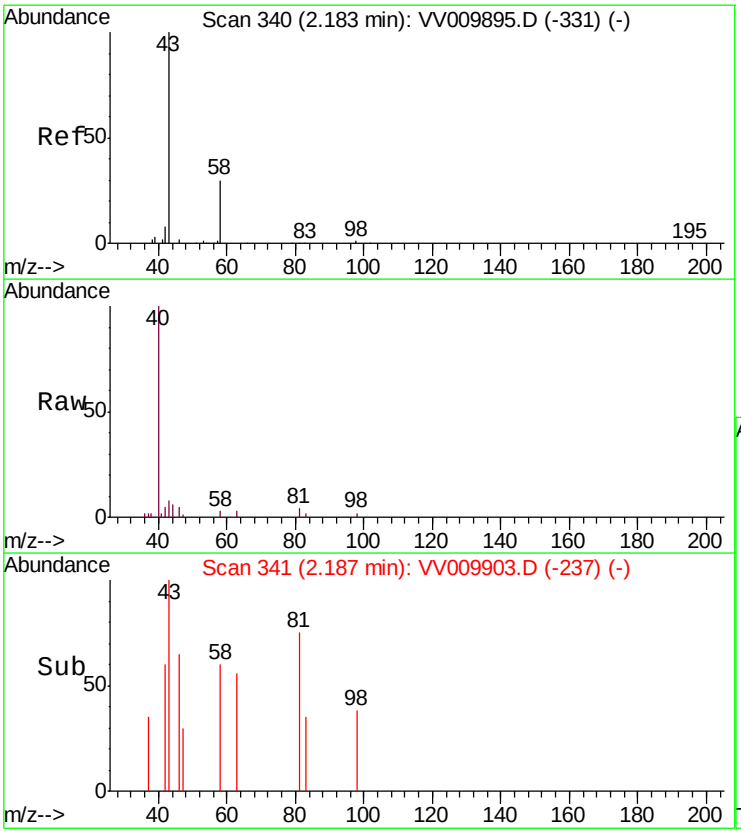
#12
1,1-Dichloroethene
Concen: 0.533 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Instrument :
MSVOA_V
ClientSampleId :
BF0J3

Tgt Ion: 96 Resp: 1728

Ion	Ratio	Lower	Upper
96	100		
61	1111.2	124.3	230.8#
63	8459.0	88.2	163.8#

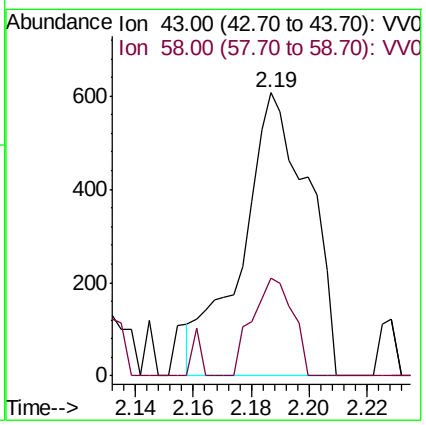


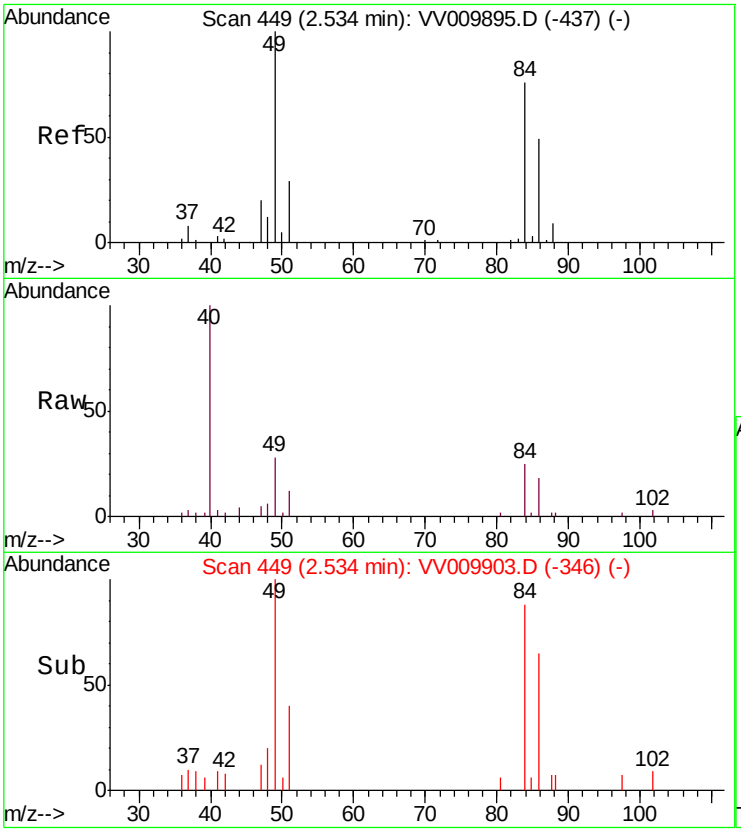


#13
Acetone
Concen: 1.271 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Tgt Ion: 43 Resp: 965

Ion	Ratio	Lower	Upper
43	100		
58	21.1	0.0	59.4



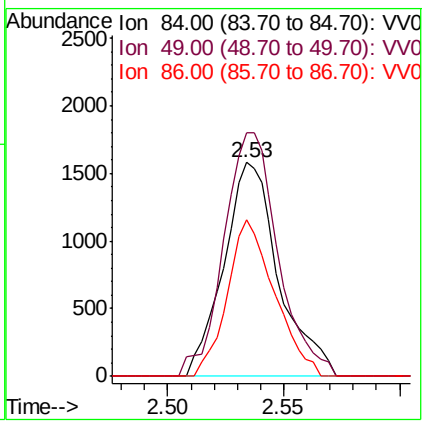


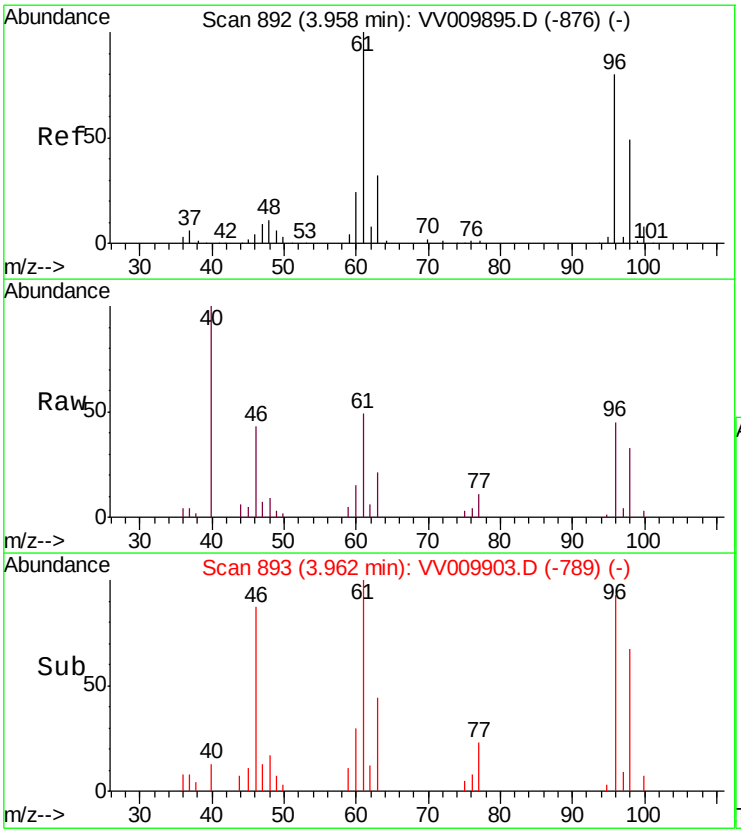
#16
Methylene chloride
Concen: 1.189 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Instrument :
MSVOA_V
ClientSampleId :
BF0J3

Tgt Ion: 84 Resp: 2595

Ion	Ratio	Lower	Upper
84	100		
49	113.8	90.4	167.8
86	73.4	44.0	81.6

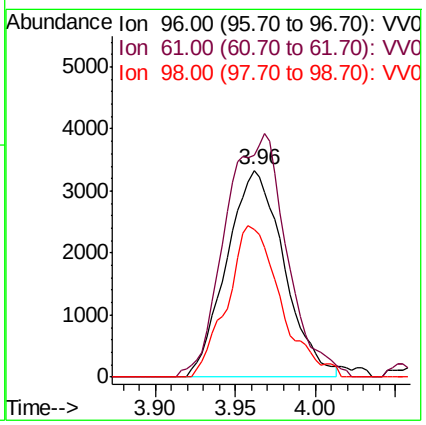


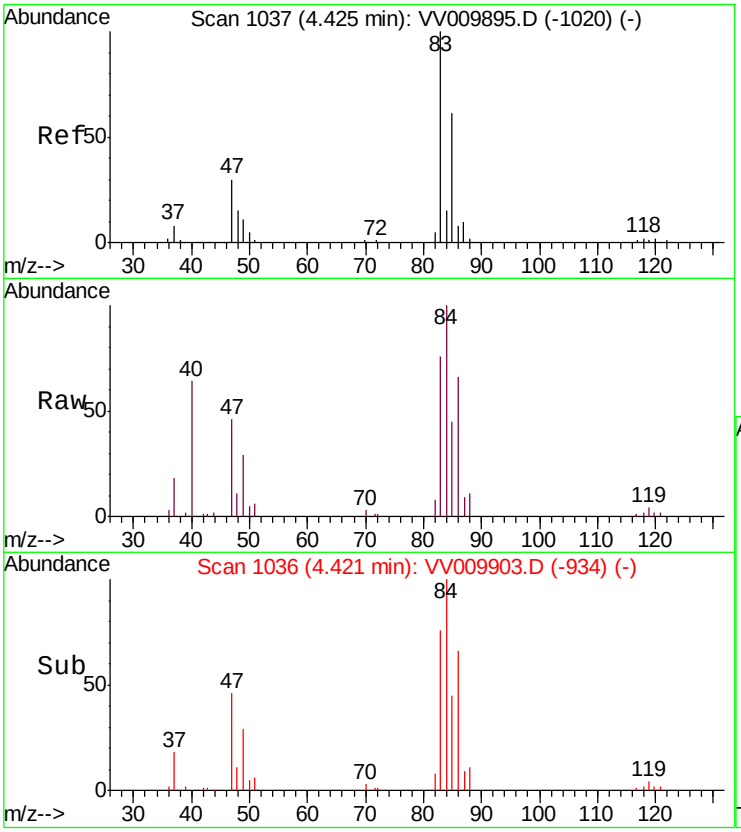


#22
cis-1,2-Dichloroethene
Concen: 4.273 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Tgt Ion: 96 Resp: 8196

Ion	Ratio	Lower	Upper
96	100		
61	107.2	91.4	169.8
98	71.5	48.0	89.2



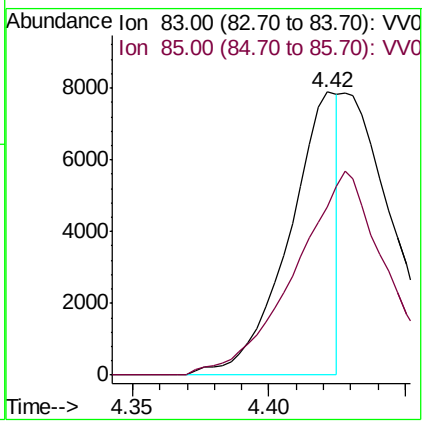


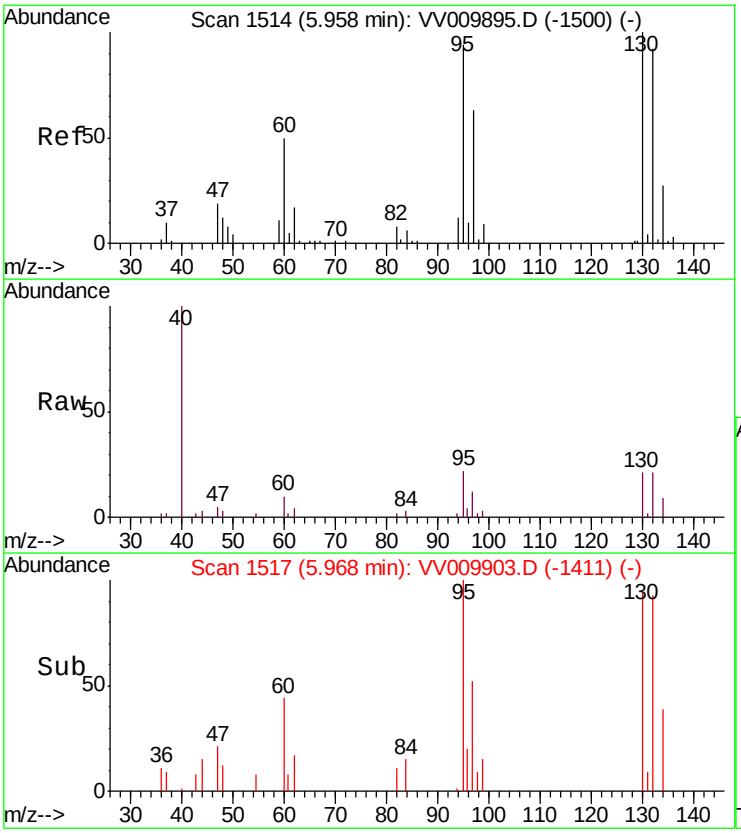
#25
Chloroform
Concen: 2.801 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Instrument :
MSVOA_V
ClientSampleId :
BF0J3

Tgt Ion: 83 Resp: 9840

Ion	Ratio	Lower	Upper
83	100		
85	134.8	46.1	85.7#

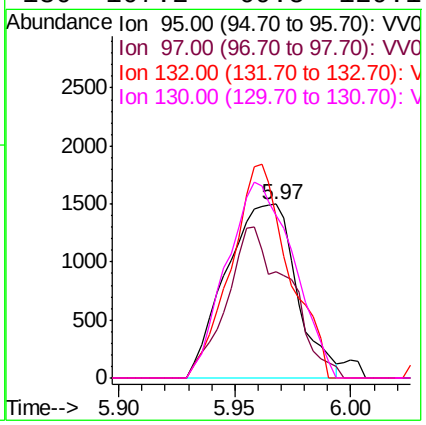


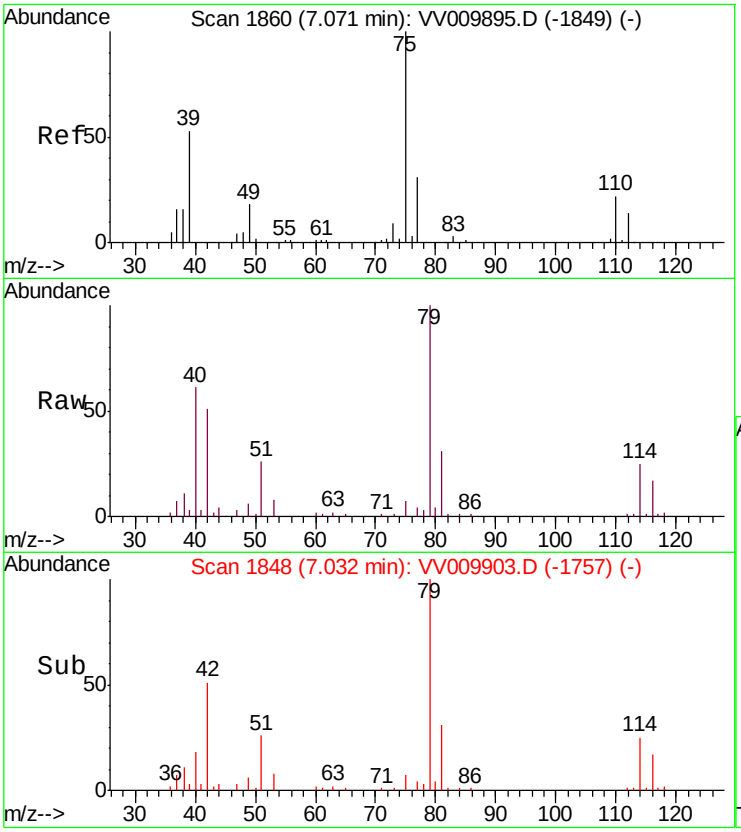


#35
Trichloroethene
Concen: 1.645 ug/L
RT: 5.97 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Tgt Ion: 95 Resp: 3158

Ion	Ratio	Lower	Upper
95	100		
97	49.2	46.3	85.9
132	101.2	69.3	128.7
130	107.2	69.5	129.1



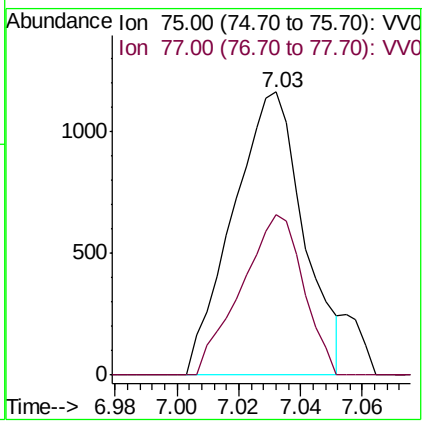


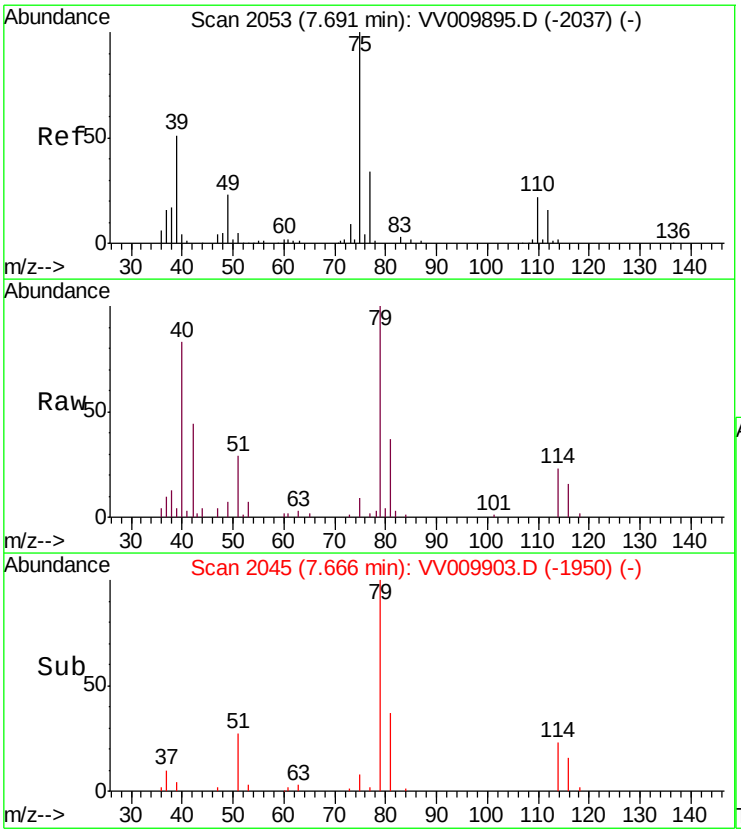
#42
cis-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Instrument :
MSVOA_V
ClientSampleId :
BF0J3

Tgt Ion: 75 Resp: 1844

Ion	Ratio	Lower	Upper
75	100		
77	56.8	21.8	40.6#

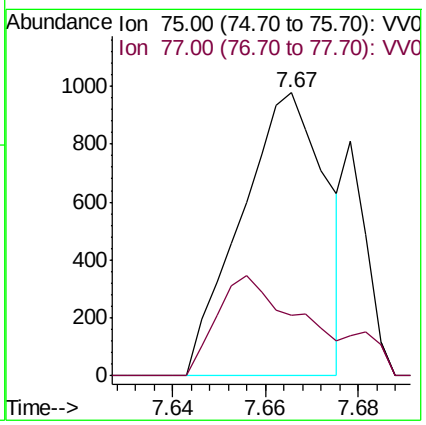


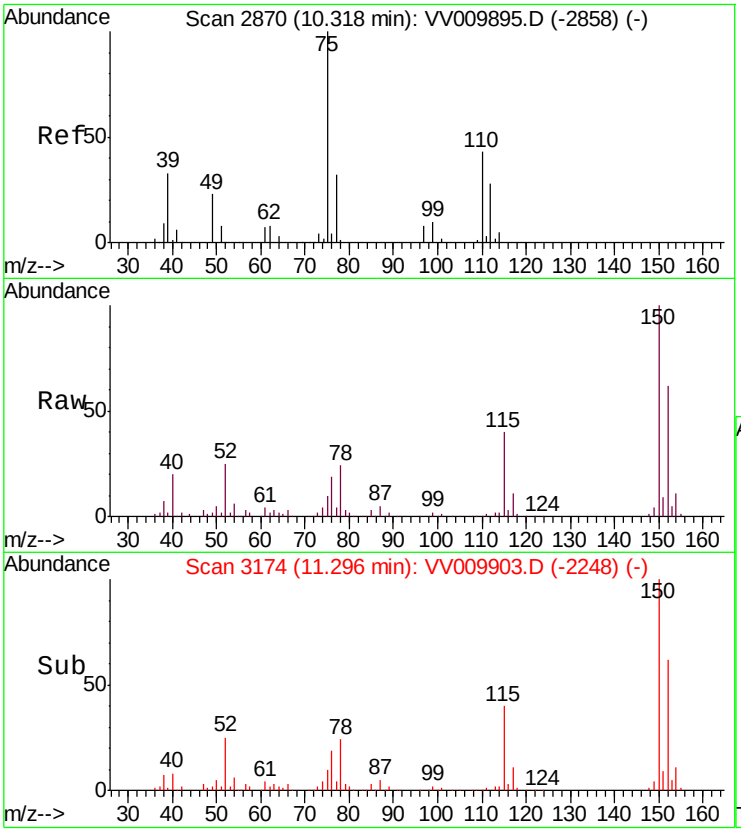


#45
trans-1,3-Dichloropropene
Concen: 0.573 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Tgt Ion: 75 Resp: 1243

Ion	Ratio	Lower	Upper
75	100		
77	21.5	20.7	38.5





#59
1,2,3-Trichloropropane
Concen: 6.450 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009903.D
Acq: 26 Mar 2019 19:28

Instrument :
MSVOA_V
ClientSampleId :
BF0J3

Tgt Ion: 75 Resp: 9436

Ion	Ratio	Lower	Upper
75	100		
77	38.1	26.2	39.2