Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\

Quantitation Report (Not Reviewed)

Data File : VV009491.D
Acq On : 05 Mar 2019 17:55
Operator : SY/MD
Sample : K1657-12
Misc : 5.18G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB657

Quant Time: Mar 06 04:15:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165466	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76131	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45774	22.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.92%			
7) Chloroethane-d5	1.58	69	74494	25.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.44%			
10) 1,1-Dichloroethene-d2	2.13	63	88096	17.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.00%			
20) 2-Butanone-d5	3.95	46	24263	35.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.50%			
24) Chloroform-d	4.40	84	85225	21.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.48%			
26) 1,2-Dichloroethane-d4	5.08	65	52021	23.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.80%			
29) Benzene-d6	5.10	84	181326	22.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.56%			
33) 1,2-Dichloropropane-d6	6.12	67	54514	22.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.20%			
37) Toluene-d8	7.36	98	177705	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.00%			
38) trans-1,3-Dichloropropene-	7.66	79	24801	21.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.68%			
39) 2-Hexanone-d5	8.14	63	20550	36.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.86%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50597	19.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	63057	22.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.76%			

Target Compounds						Qvalue
13) Acetone	2.21	43	513	0.743	ug/L	59
16) Methylene chloride	2.54	84	3448	1.588	ug/L	92
25) Chloroform	4.42	83	1859	0.478	ug/L	83
27) 1,2-Dichloroethane	5.10	62	1040	0.385	ug/L #	77
35) Trichloroethene	5.66	95	5198	2.116	ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	2244	0.656	ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	11269	6.048	ug/L	92

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

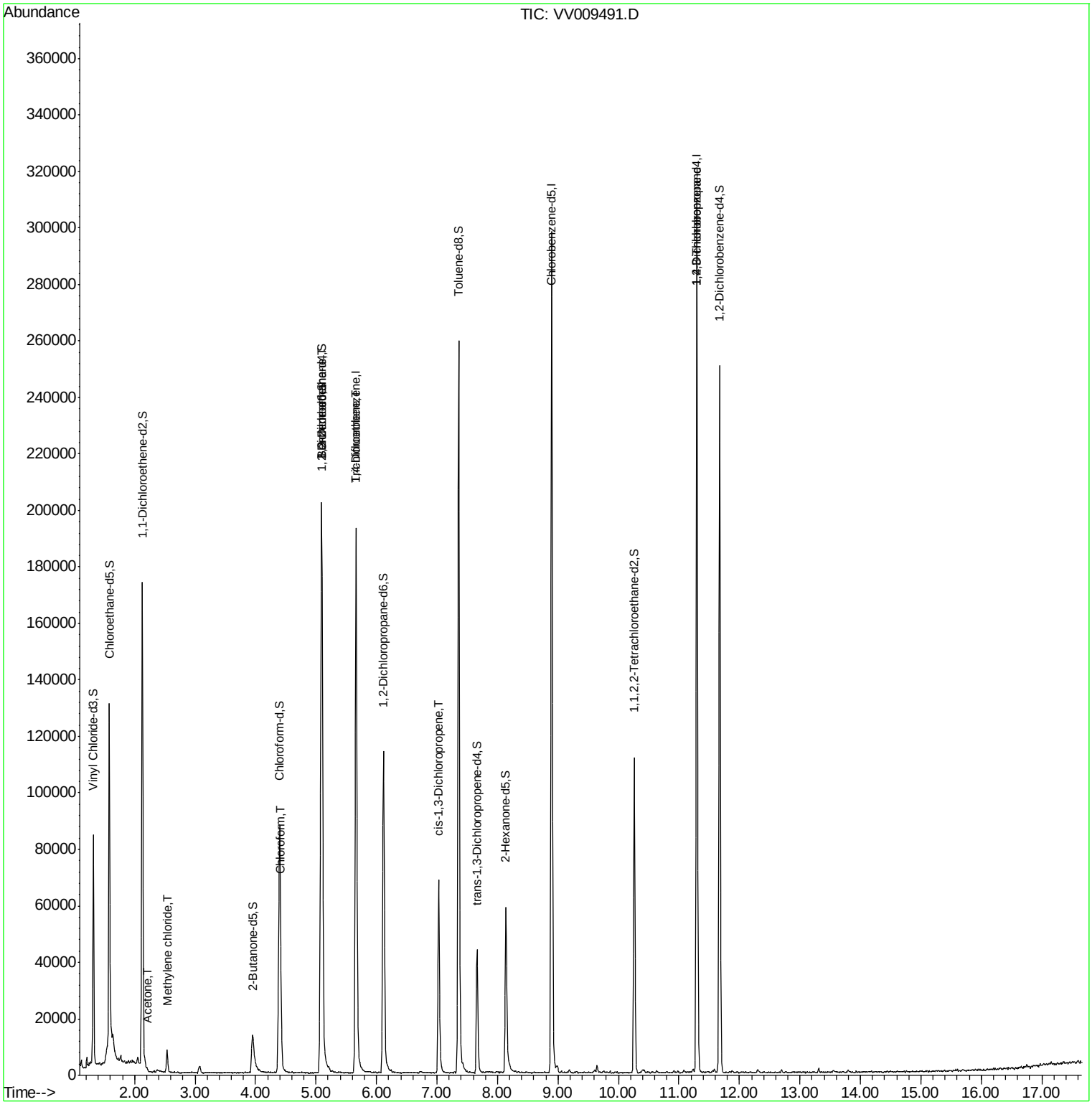
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\

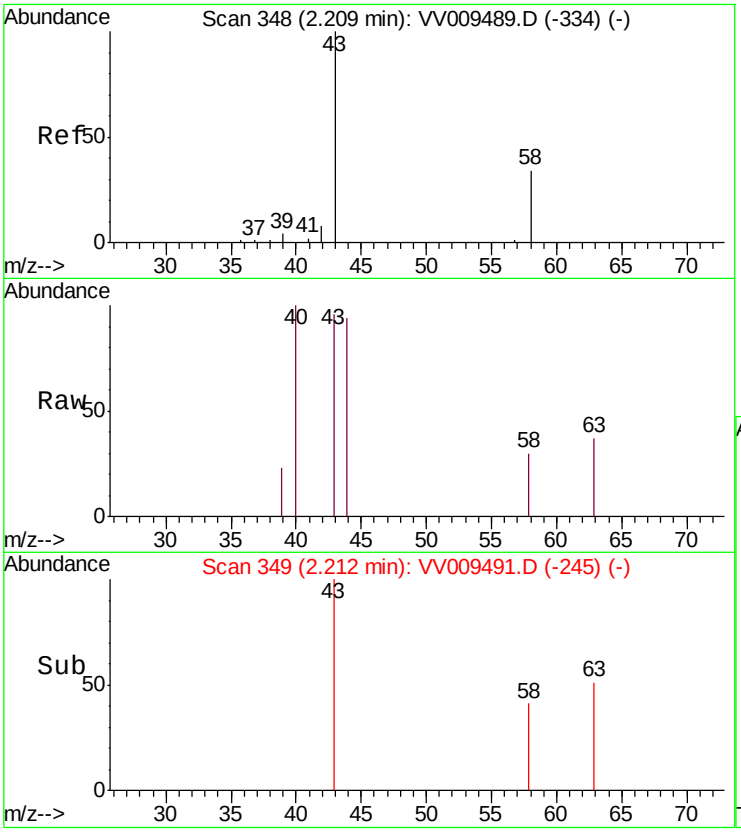
Quantitation Report (Not Reviewed)

Data File : VV009491.D
Acq On : 05 Mar 2019 17:55
Operator : SY/MD
Sample : K1657-12
Misc : 5.18G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB657

Quant Time: Mar 06 04:15:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration



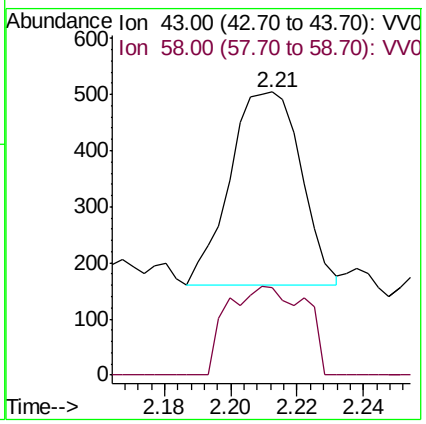


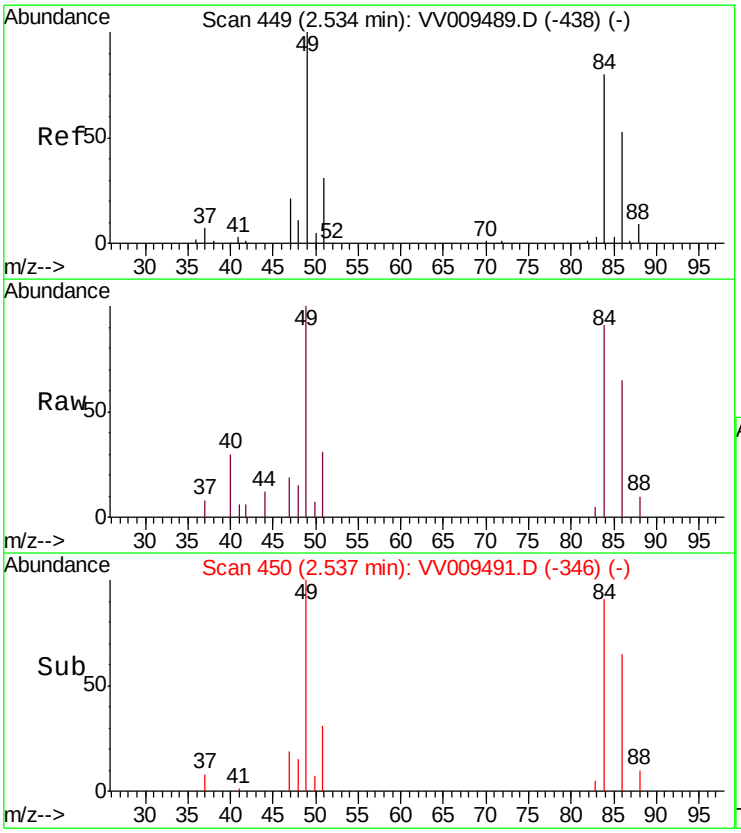
#13
Acetone
Concen: 0.743 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.00 min
Lab File: VV009491.D
Acq: 05 Mar 2019 17:55

Instrument : MSVOA_V
ClientSampleId : DB657

Tgt Ion: 43 Resp: 513

Ion	Ratio	Lower	Upper
43	100		
58	10.7	0.0	68.8

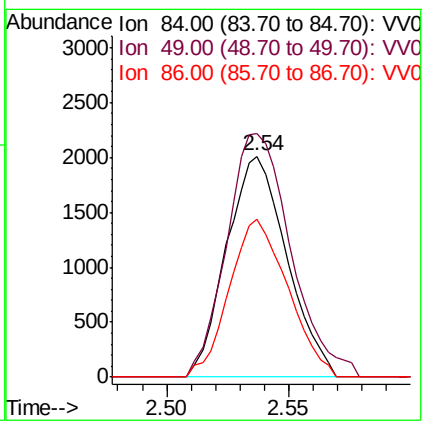


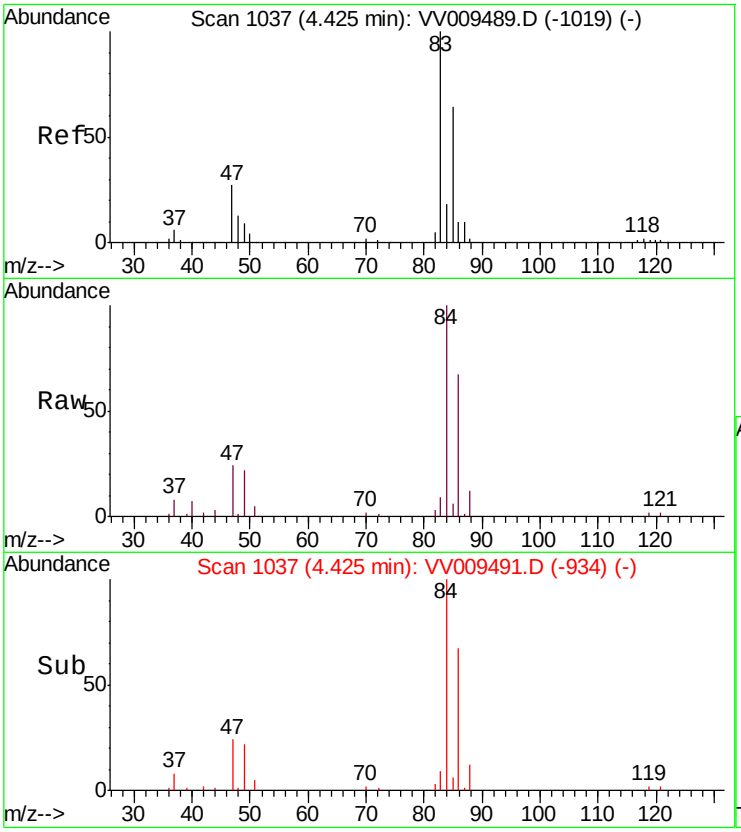


#16
Methylene chloride
Concen: 1.588 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009491.D
Acq: 05 Mar 2019 17:55

Tgt Ion: 84 Resp: 3448

Ion	Ratio	Lower	Upper
84	100		
49	110.1	84.6	157.0
86	71.1	46.1	85.7



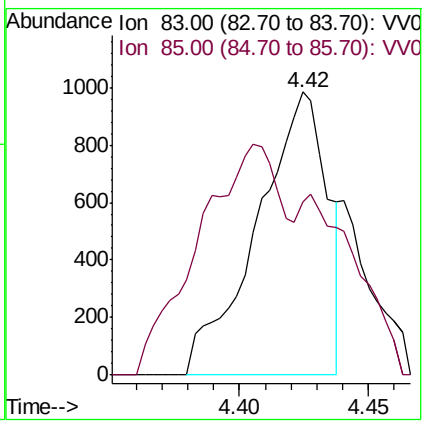


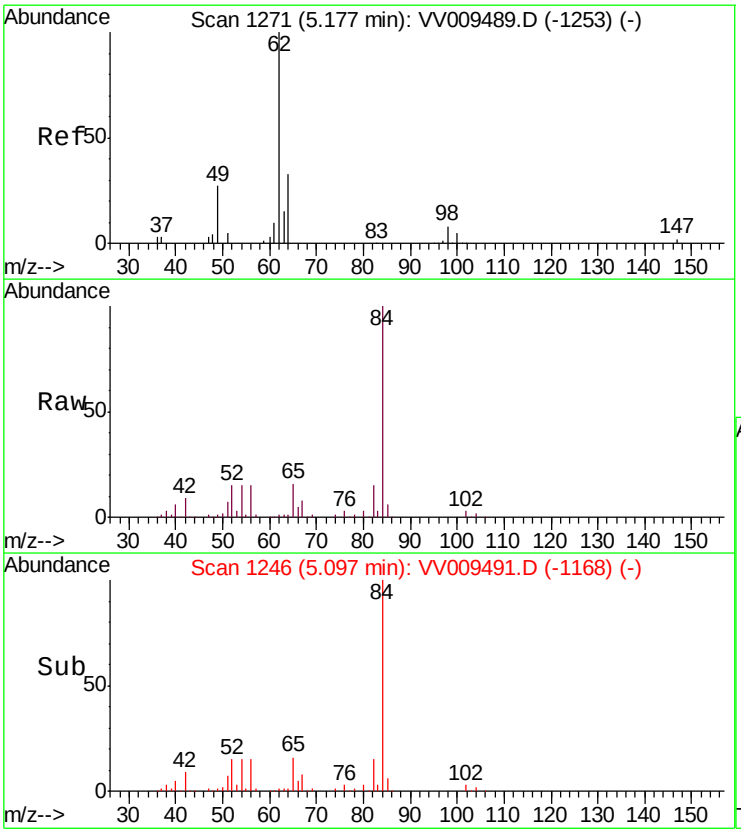
#25
Chloroform
Concen: 0.478 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009491.D
Acq: 05 Mar 2019 17:55

Instrument :
MSVOA_V
ClientSampleId :
DB657

Tgt Ion: 83 Resp: 1859

Ion	Ratio	Lower	Upper
83	100		
85	51.6	45.4	84.2

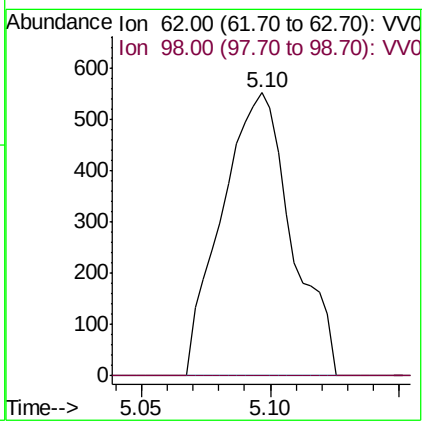


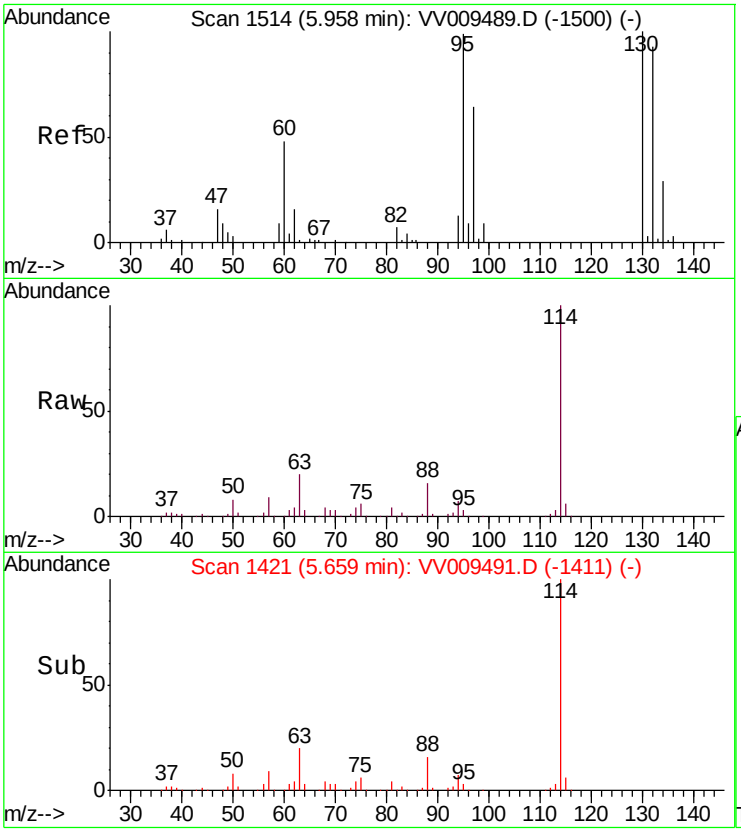


#27
1,2-Dichloroethane
Concen: 0.385 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009491.D
Acq: 05 Mar 2019 17:55

Tgt Ion: 62 Resp: 1040

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



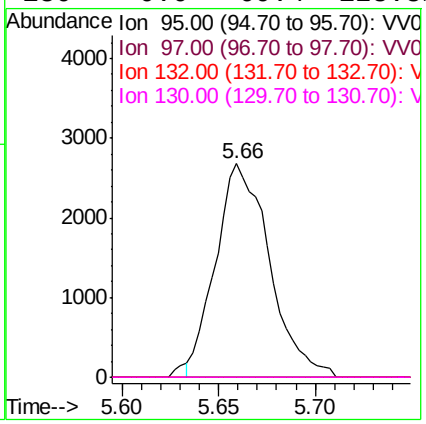


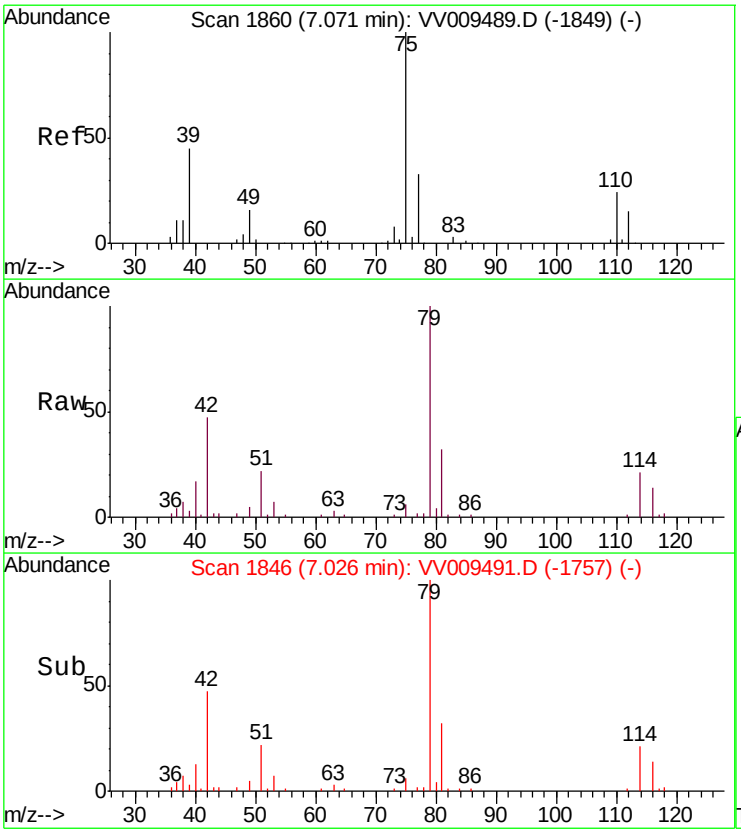
#35
Trichloroethene
Concen: 2.116 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV009491.D
Acq: 05 Mar 2019 17:55

Instrument : MSVOA_V
ClientSampleId : DB657

Tgt Ion: 95 Resp: 5198

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	64.4	119.6#
130	0.0	69.4	128.8#

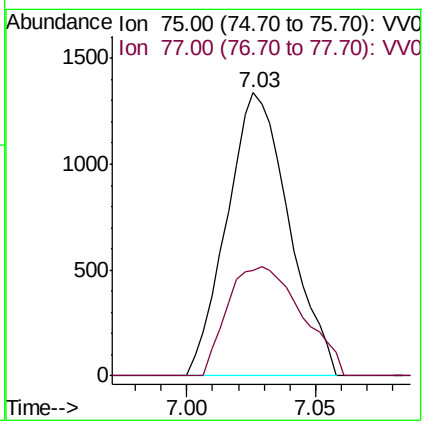


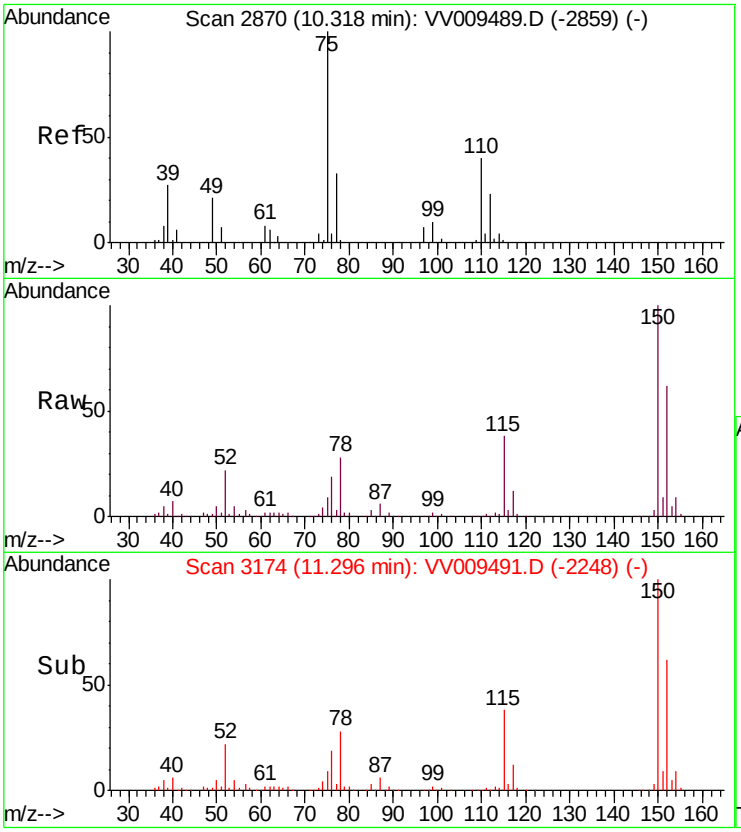


#42
cis-1,3-Dichloropropene
Concen: 0.656 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009491.D
Acq: 05 Mar 2019 17:55

Tgt Ion: 75 Resp: 2244

Ion	Ratio	Lower	Upper
75	100		
77	37.5	21.4	39.8





#59
1,2,3-Trichloropropane
Concen: 6.048 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009491.D
Acq: 05 Mar 2019 17:55

Instrument :
MSVOA_V
ClientSampleId :
DB657

Tgt Ion: 75 Resp: 11269

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.9	38.9