Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
Data File : VV010150.D
Acq On : 06 Apr 2019 13:51
Operator : SY/MD
Sample : K2259-16
Misc : 6.33G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETJ46

Quant Time: Apr 07 00:53:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	241055	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102344	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38775	12.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 48.08%			
7) Chloroethane-d5	1.57	69	56694	14.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.56%			
10) 1,1-Dichloroethene-d2	2.13	63	89090	10.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 43.76%#			
20) 2-Butanone-d5	4.15	46	182	0.20	ug/L	0.21
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.40%#			
24) Chloroform-d	4.40	84	145560	23.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.88%			
26) 1,2-Dichloroethane-d4	5.08	65	93848	27.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.48%			
29) Benzene-d6	5.10	84	285394	23.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.40%			
33) 1,2-Dichloropropane-d6	6.12	67	95118	26.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.60%			
37) Toluene-d8	7.36	98	259667	22.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.16%			
38) trans-1,3-Dichloropropene-	7.66	79	31241	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.92%			
39) 2-Hexanone-d5	8.14	63	21916	30.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.24%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85948	24.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.68%			
61) 1,2-Dichlorobenzene-d4	11.67	152	101915	25.56	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.24%			

Target Compounds						Qvalue
13) Acetone	2.20	43	5021	5.530	ug/L	93
15) Methyl Acetate	2.46	43	1821	1.253	ug/L	99
16) Methylene chloride	2.53	84	7410	1.750	ug/L	95
35) Trichloroethene	5.96	95	2732	0.832	ug/L #	83
42) cis-1,3-Dichloropropene	7.03	75	2435	0.584	ug/L #	49
45) trans-1,3-Dichloropropene	7.67	75	1875	0.529	ug/L	84
49) 2-Hexanone	8.17	43	2771	1.820	ug/L #	43

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

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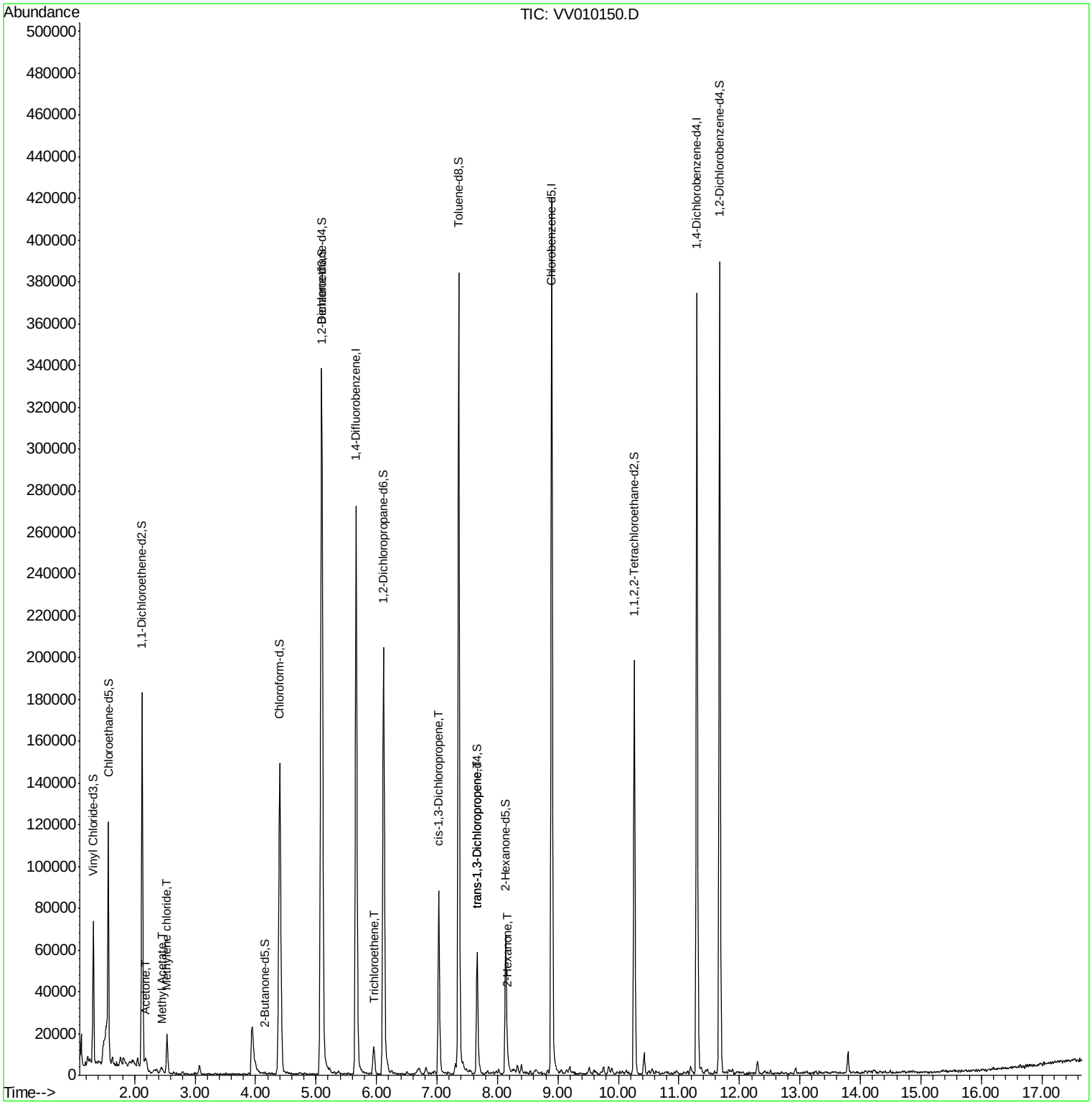
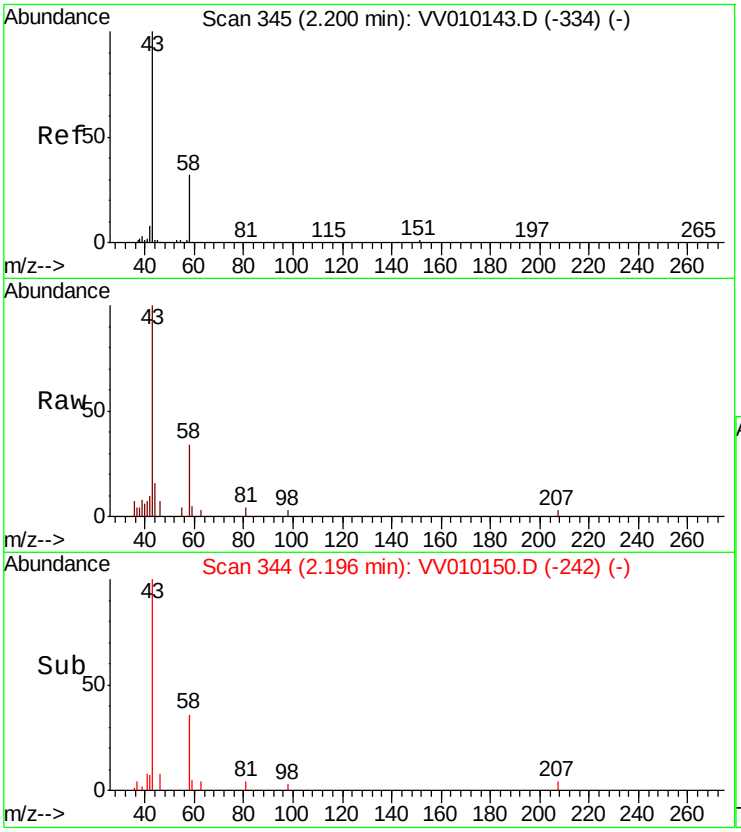


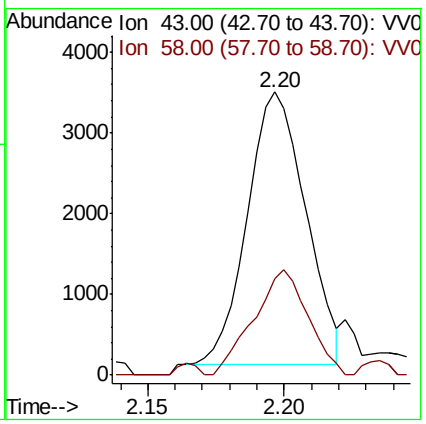


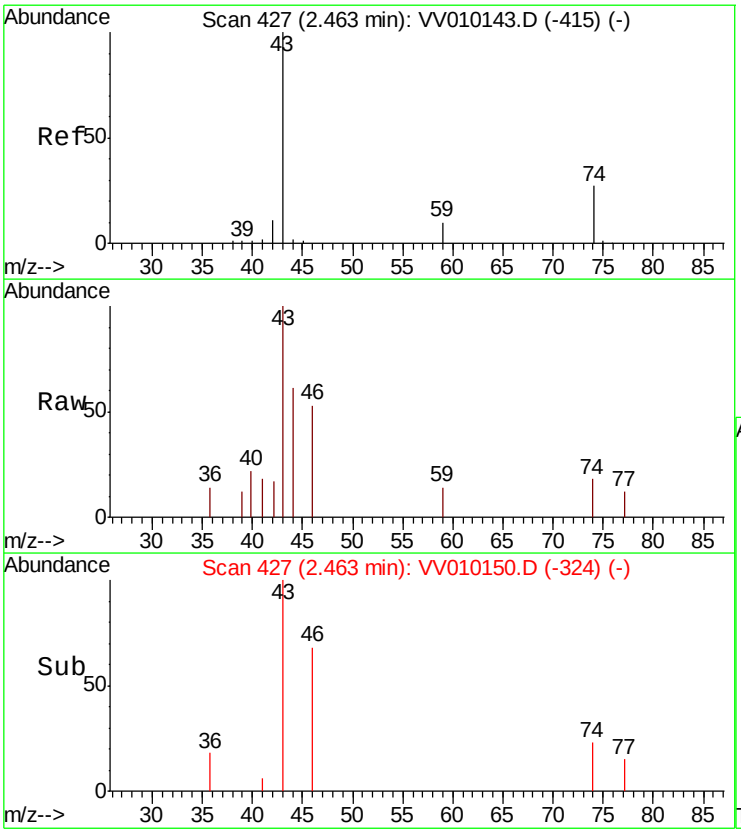
#13
Acetone
Concen: 5.530 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.00 min
Lab File: VV010150.D
Acq: 06 Apr 2019 13:51

Instrument : MSVOA_V
ClientSampleId : ETJ46

Tgt Ion: 43 Resp: 5021

Ion	Ratio	Lower	Upper
43	100		
58	36.0	0.0	64.6

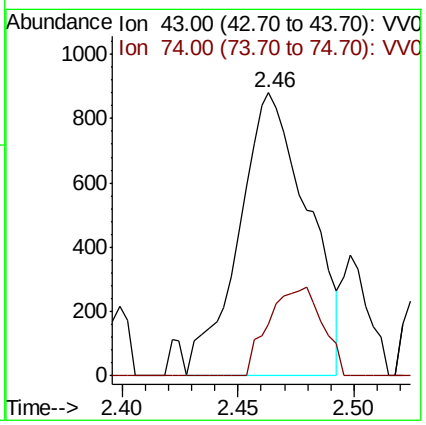


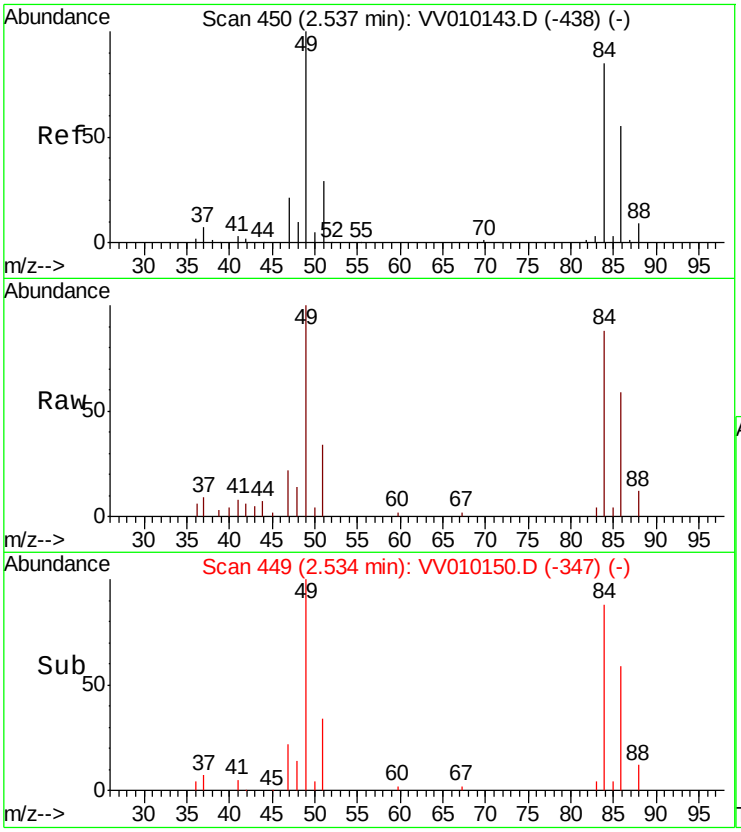


#15
Methyl Acetate
Concen: 1.253 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV010150.D
Acq: 06 Apr 2019 13:51

Tgt Ion: 43 Resp: 1821

Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.0	30.0



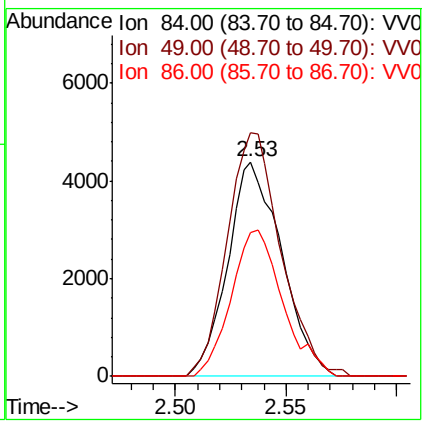


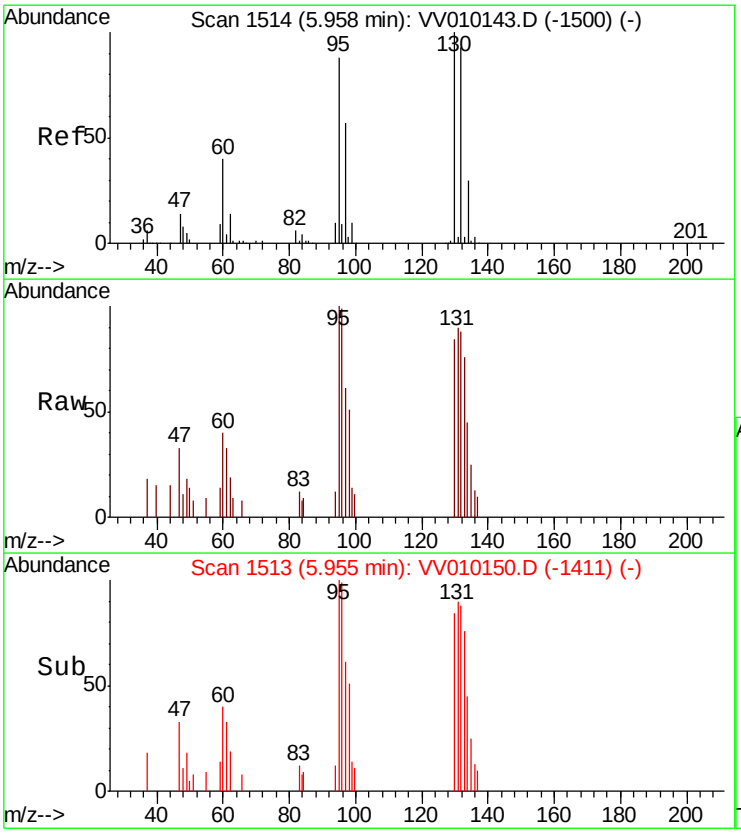
#16
Methylene chloride
Concen: 1.750 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010150.D
Acq: 06 Apr 2019 13:51

Instrument :
MSVOA_V
ClientSampleId :
ETJ46

Tgt Ion: 84 Resp: 7410

Ion	Ratio	Lower	Upper
84	100		
49	113.4	84.3	156.5
86	67.0	45.4	84.2

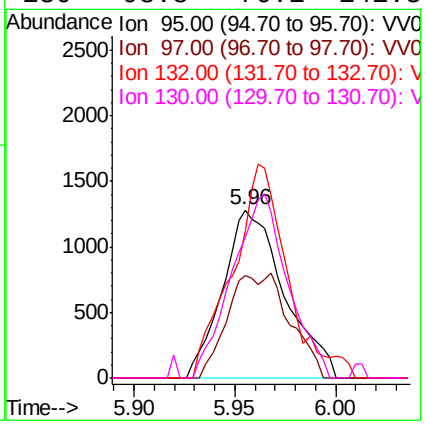


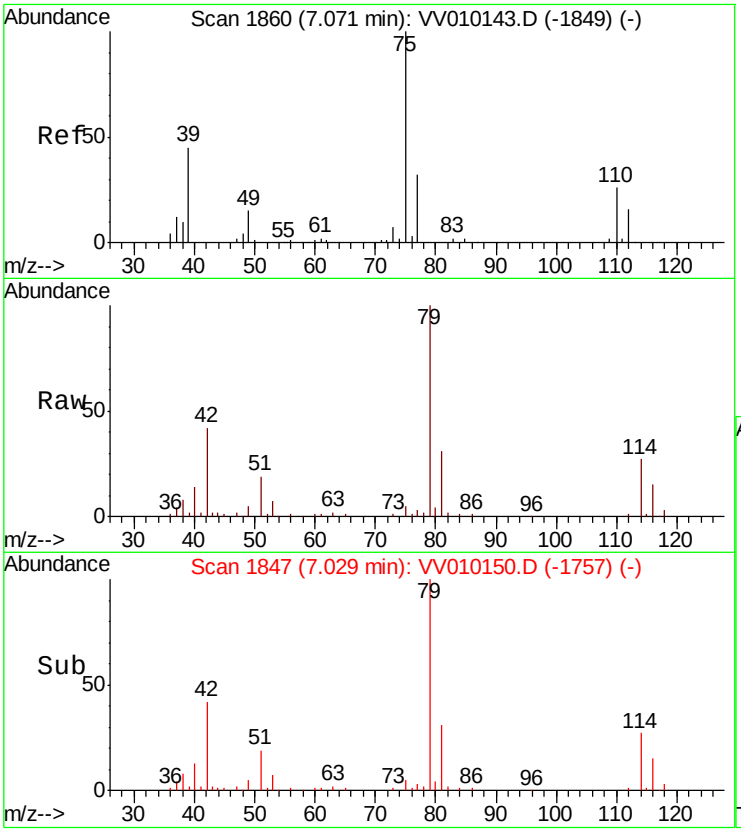


#35
Trichloroethene
Concen: 0.832 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV010150.D
Acq: 06 Apr 2019 13:51

Tgt Ion: 95 Resp: 2732

Ion	Ratio	Lower	Upper
95	100		
97	32.7	45.8	85.2#
132	110.1	70.6	131.0
130	98.8	76.1	141.3



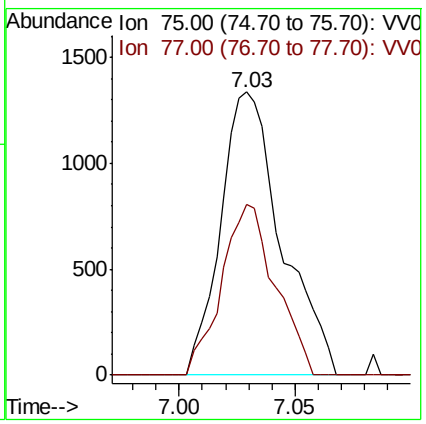


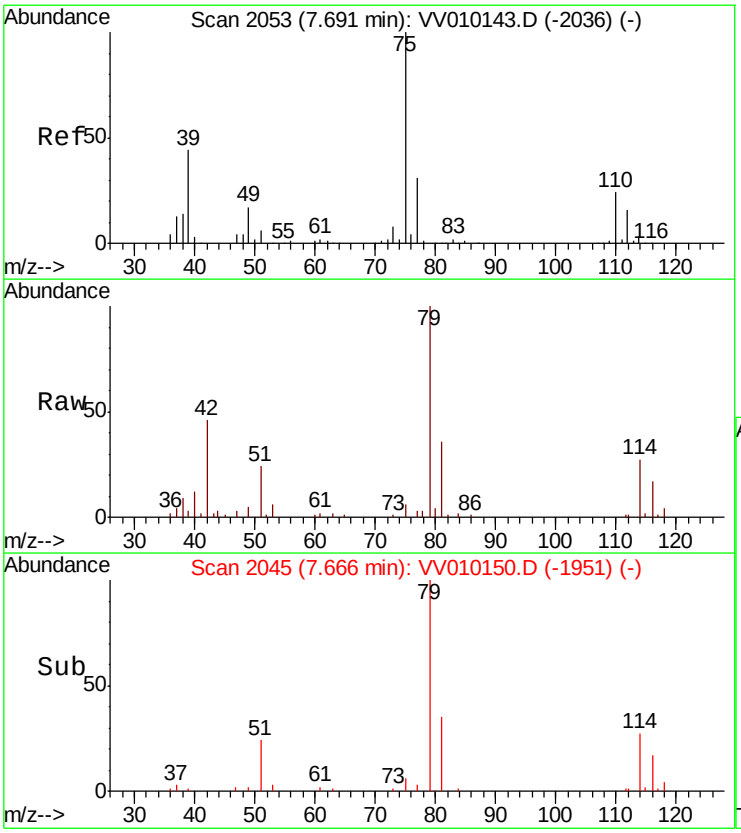
#42
cis-1,3-Dichloropropene
Concen: 0.584 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010150.D
Acq: 06 Apr 2019 13:51

Instrument :
MSVOA_V
ClientSampleId :
ETJ46

Tgt Ion: 75 Resp: 2435

Ion	Ratio	Lower	Upper
75	100		
77	60.1	22.1	41.1#

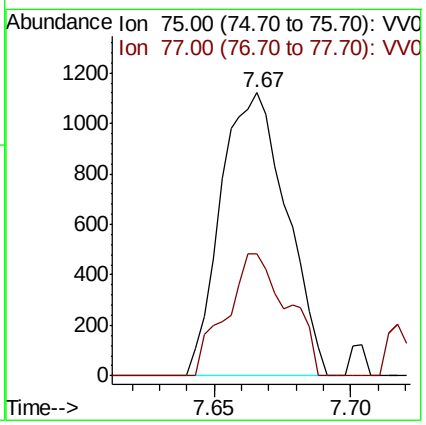


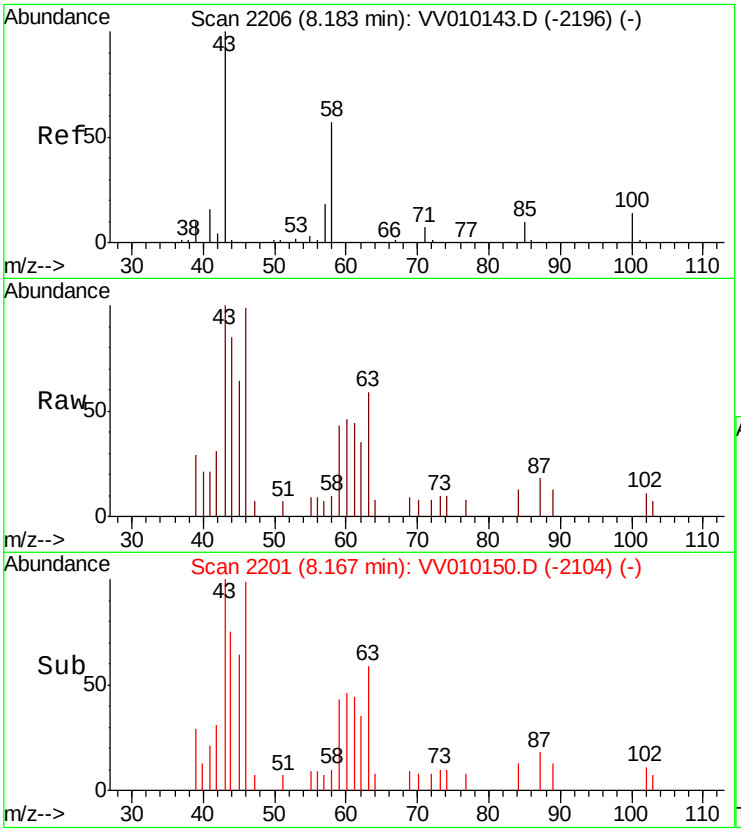


#45
trans-1,3-Dichloropropene
Concen: 0.529 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010150.D
Acq: 06 Apr 2019 13:51

Tgt Ion: 75 Resp: 1875

Ion	Ratio	Lower	Upper
75	100		
77	42.9	23.5	43.7





#49
2-Hexanone
Concen: 1.820 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV010150.D
Acq: 06 Apr 2019 13:51

Instrument :
MSVOA_V
ClientSampleId :
ETJ46

Tgt Ion: 43 Resp: 2771

Ion	Ratio	Lower	Upper
43	100		
58	5.0	44.3	66.5#
57	1.7	13.8	20.8#
100	0.0	10.6	15.8#