Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022719\

Quantitation Report (Not Reviewed)

Data File : VV009399.D
Acq On : 27 Feb 2019 15:38
Operator : SY/MD
Sample : K1626-06
Misc : 5.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF665

Quant Time: Feb 28 04:36:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169580	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152785	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59283	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	39348	18.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.76%			
7) Chloroethane-d5	1.58	69	64078	23.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.40%			
10) 1,1-Dichloroethene-d2	2.13	63	85784	15.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.80%			
20) 2-Butanone-d5	4.07	46	298	0.46	ug/L	0.13
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.92%#			
24) Chloroform-d	4.40	84	94235	22.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.64%			
26) 1,2-Dichloroethane-d4	5.08	65	52379	23.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.08%			
29) Benzene-d6	5.10	84	190635	23.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.88%			
33) 1,2-Dichloropropane-d6	6.12	67	59552	25.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.08%			
37) Toluene-d8	7.36	98	181531	23.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.20%			
38) trans-1,3-Dichloropropene-	7.67	79	26468	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.00%			
39) 2-Hexanone-d5	8.14	63	20139	39.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.96%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48564	20.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.56%			
61) 1,2-Dichlorobenzene-d4	11.68	152	51072	23.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.04%			
Target Compounds						Qvalue
13) Acetone	2.21	43	1207	1.642	ug/L	95
16) Methylene chloride	2.54	84	5245	2.283	ug/L	98
42) cis-1,3-Dichloropropene	7.03	75	2071	0.616	ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	8402	4.963	ug/L #	74

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

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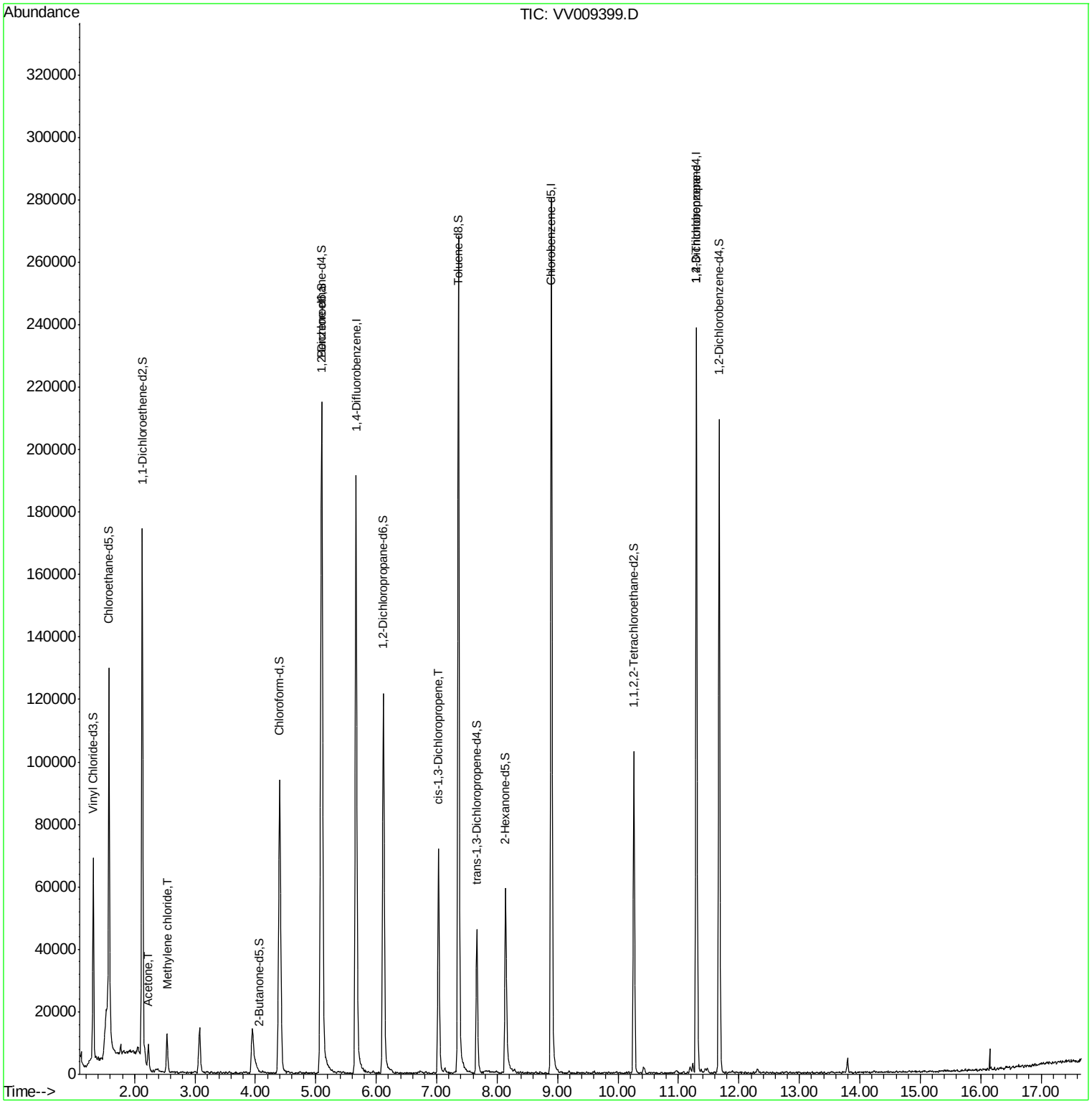
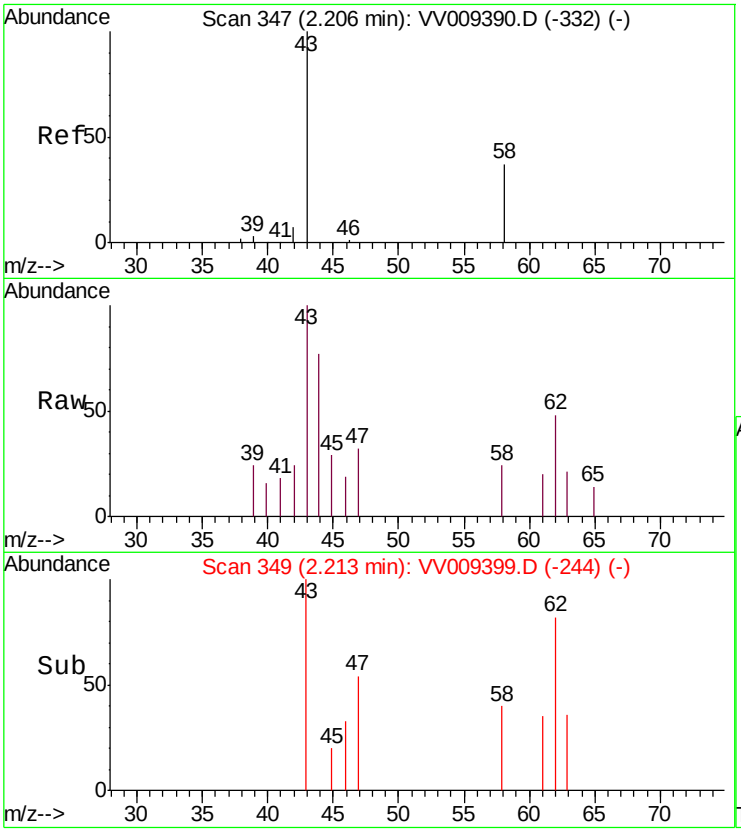
Response via : Initial Calibration



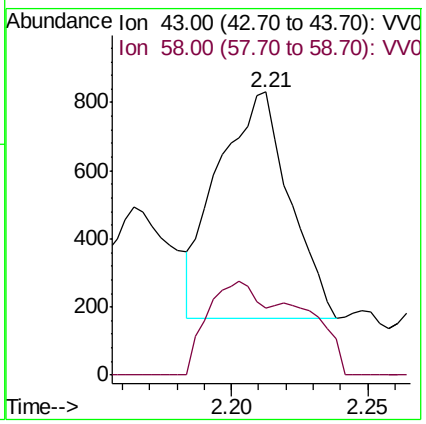


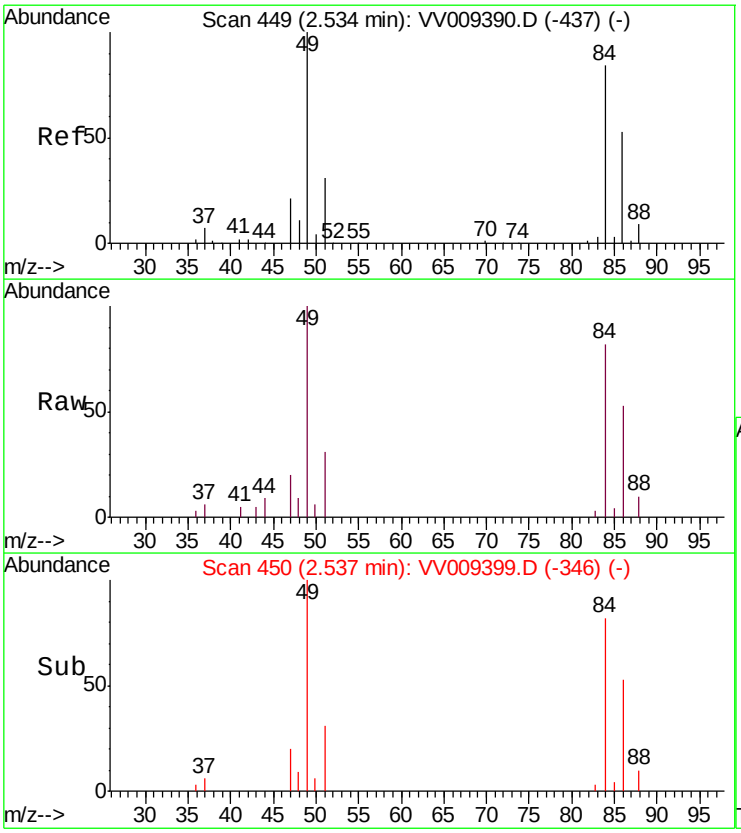
#13
Acetone
Concen: 1.642 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.01 min
Lab File: VV009399.D
Acq: 27 Feb 2019 15:38

Instrument :
MSVOA_V
ClientSampleId :
BF665

Tgt Ion: 43 Resp: 1207

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	68.8

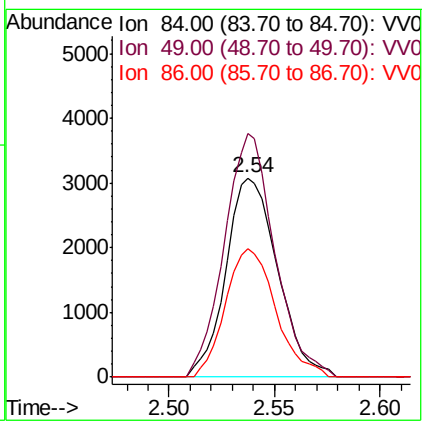


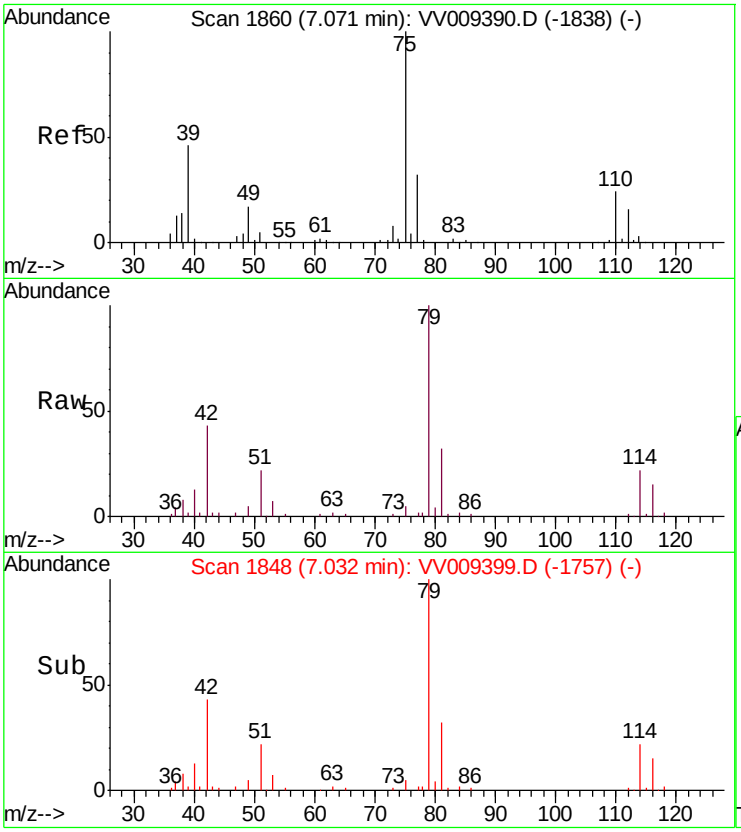


#16
Methylene chloride
Concen: 2.283 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009399.D
Acq: 27 Feb 2019 15:38

Tgt Ion: 84 Resp: 5245

Ion	Ratio	Lower	Upper
84	100		
49	122.3	84.6	157.0
86	64.3	46.1	85.7



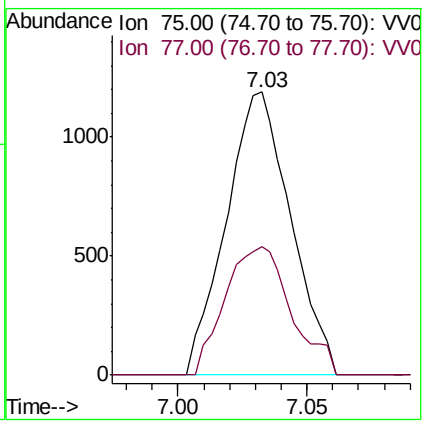


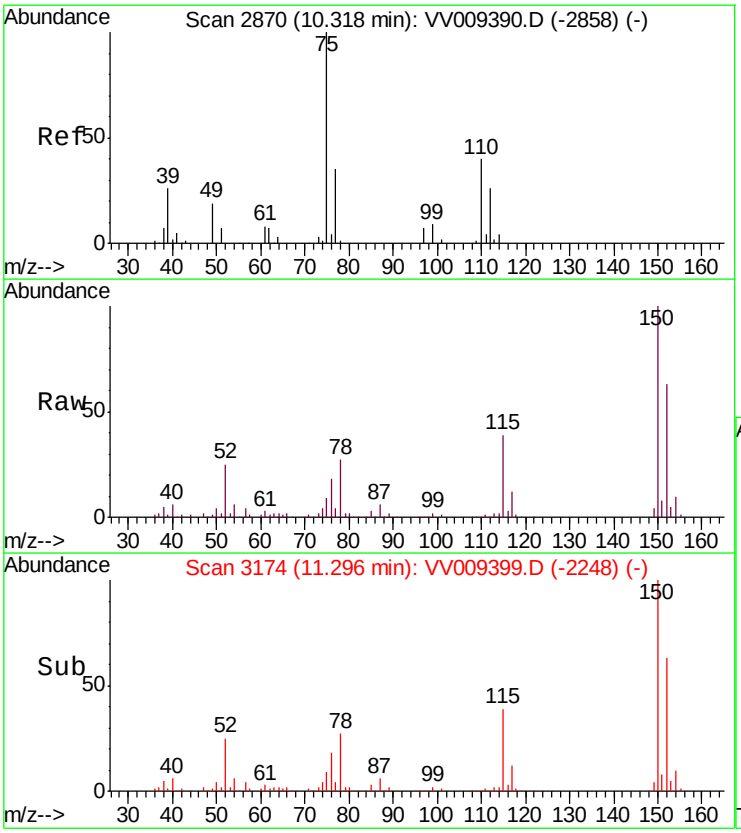
#42
cis-1,3-Dichloropropene
Concen: 0.616 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009399.D
Acq: 27 Feb 2019 15:38

Instrument :
MSVOA_V
ClientSampleId :
BF665

Tgt Ion: 75 Resp: 2071

Ion	Ratio	Lower	Upper
75	100		
77	45.2	21.4	39.8#





#59
1,2,3-Trichloropropane
Concen: 4.963 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009399.D
Acq: 27 Feb 2019 15:38

Tgt Ion: 75 Resp: 8402

Ion	Ratio	Lower	Upper
75	100		
77	46.7	25.9	38.9#