Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

Quantitation Report (Not Reviewed)

Data File : VV011031.D
Acq On : 23 May 2019 17:06
Operator : SY/MD
Sample : K3017-03
Misc : 0.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51H6

Quant Time: May 24 08:19:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	119540	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49416	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23852	17.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.00%			
7) Chloroethane-d5	1.56	69	16615	18.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.04%			
10) 1,1-Dichloroethene-d2	2.12	63	33617	12.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 51.32%			
20) 2-Butanone-d5	3.94	46	22630	48.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.24%			
24) Chloroform-d	4.40	84	61369	19.82	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.28%			
26) 1,2-Dichloroethane-d4	5.08	65	35300	19.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.40%			
29) Benzene-d6	5.09	84	123724	19.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.24%			
33) 1,2-Dichloropropane-d6	6.12	67	41283	20.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 80.04%			
37) Toluene-d8	7.36	98	109919	18.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.84%			
38) trans-1,3-Dichloropropene-	7.66	79	15995	18.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.52%			
39) 2-Hexanone-d5	8.13	63	18350	47.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.38%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47033	22.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.36%			
61) 1,2-Dichlorobenzene-d4	11.67	152	40446	20.16	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.64%			

Target Compounds						Qvalue
6) Bromomethane	1.51	94	372	0.665	ug/L	58
13) Acetone	2.19	43	2062	4.547	ug/L	85
40) 1,2-Dichloropropane	6.11	63	4497	2.496	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	6908	4.652	ug/L	93

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

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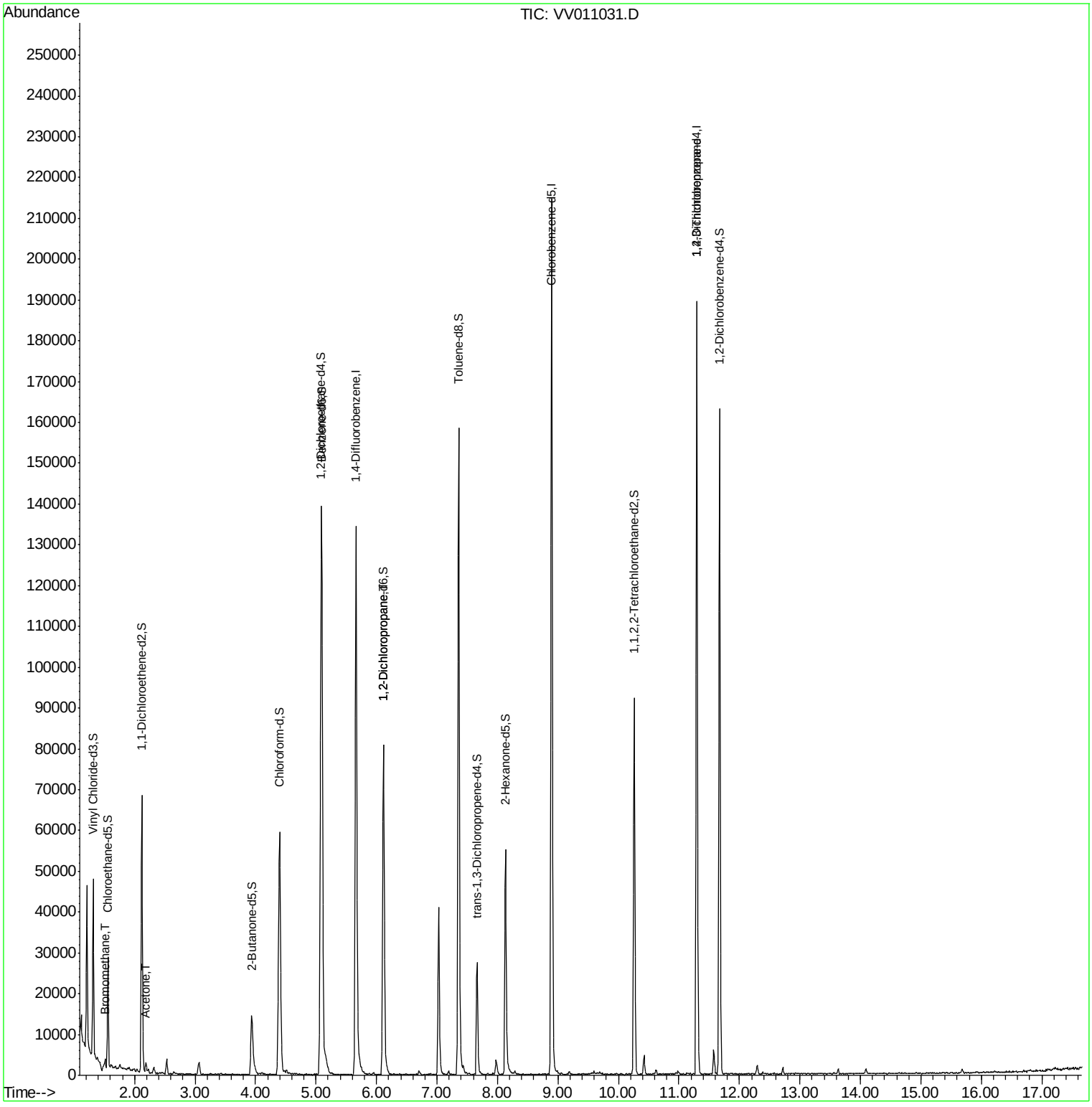
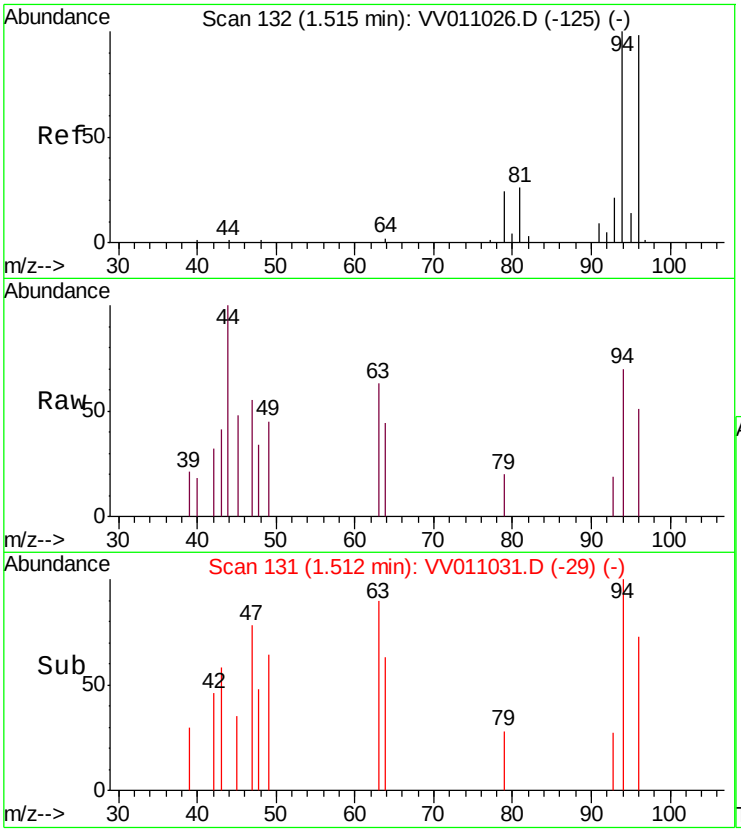
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration



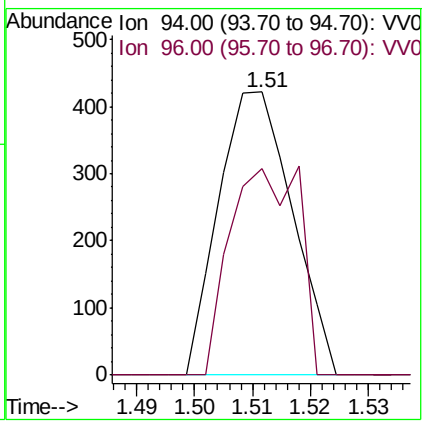


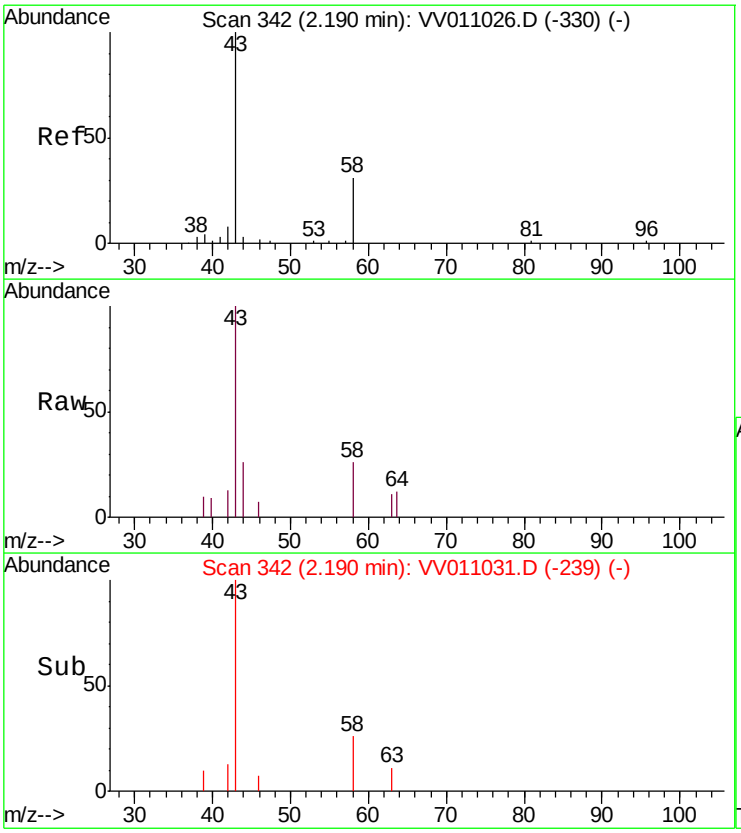
#6
Bromomethane
Concen: 0.665 ug/L
RT: 1.51 min Scan# 131
Delta R.T. -0.00 min
Lab File: VV011031.D
Acq: 23 May 2019 17:06

Instrument :
MSVOA_V
ClientSampleId :
A51H6

Tgt Ion: 94 Resp: 372

Ion	Ratio	Lower	Upper
94	100		
96	53.0	9.3	177.7

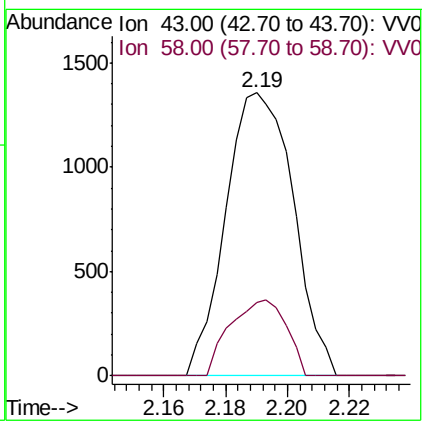


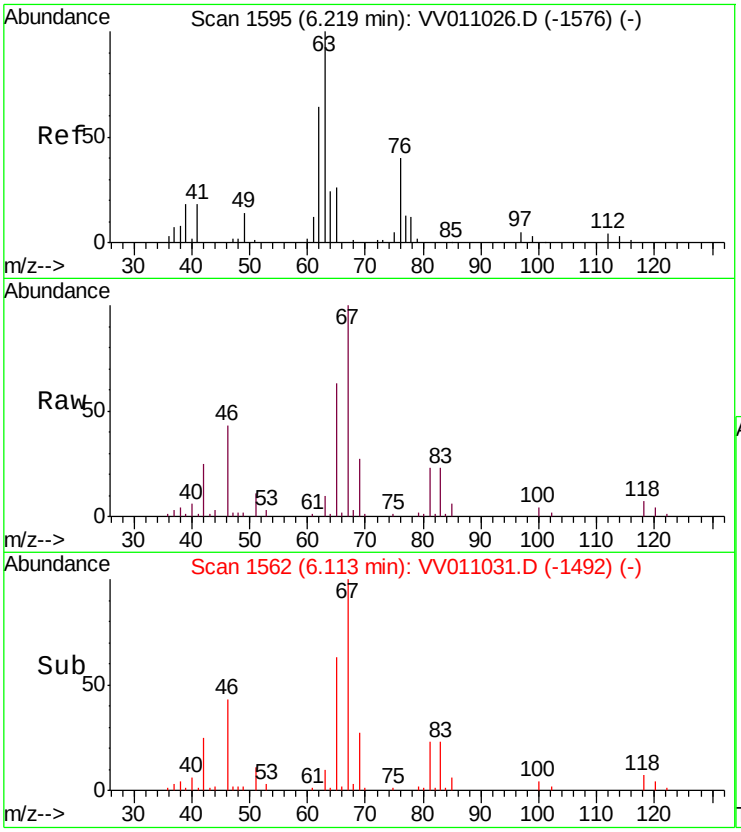


#13
Acetone
Concen: 4.547 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV011031.D
Acq: 23 May 2019 17:06

Tgt Ion: 43 Resp: 2062

Ion	Ratio	Lower	Upper
43	100		
58	22.3	0.0	60.8



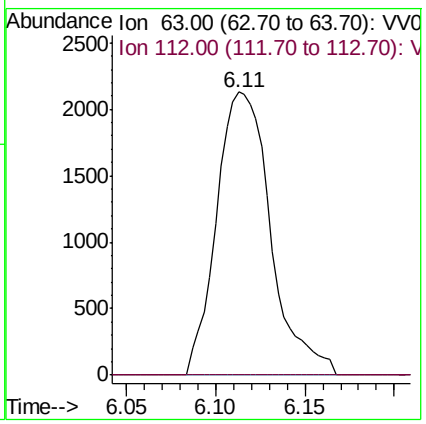


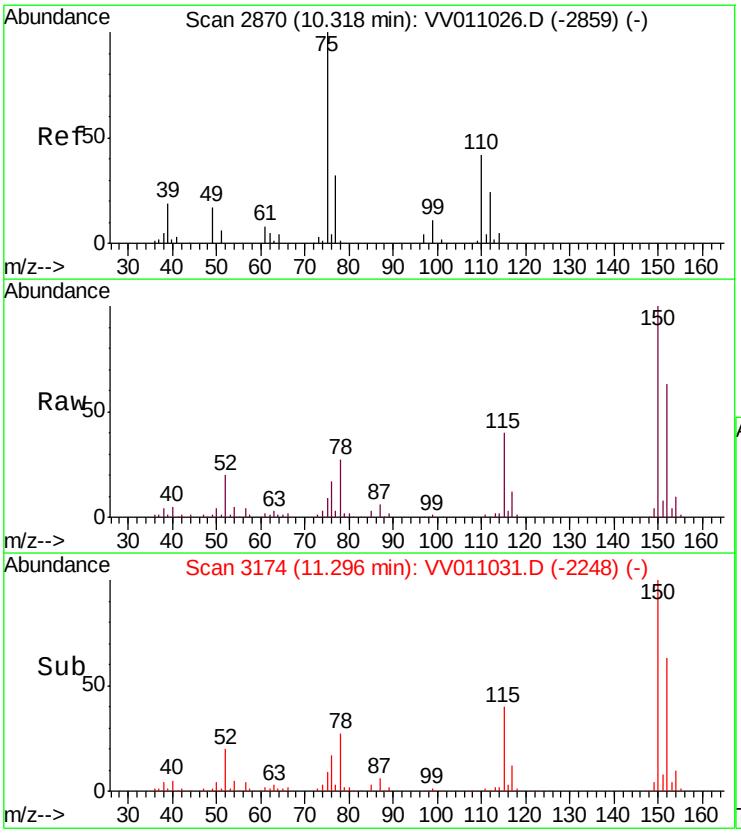
#40
1,2-Dichloropropane
Concen: 2.496 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011031.D
Acq: 23 May 2019 17:06

Instrument : MSVOA_V
ClientSampleId : A51H6

Tgt Ion: 63 Resp: 4497

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 4.652 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV011031.D
Acq: 23 May 2019 17:06

Tgt Ion: 75 Resp: 6908

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.4	38.2