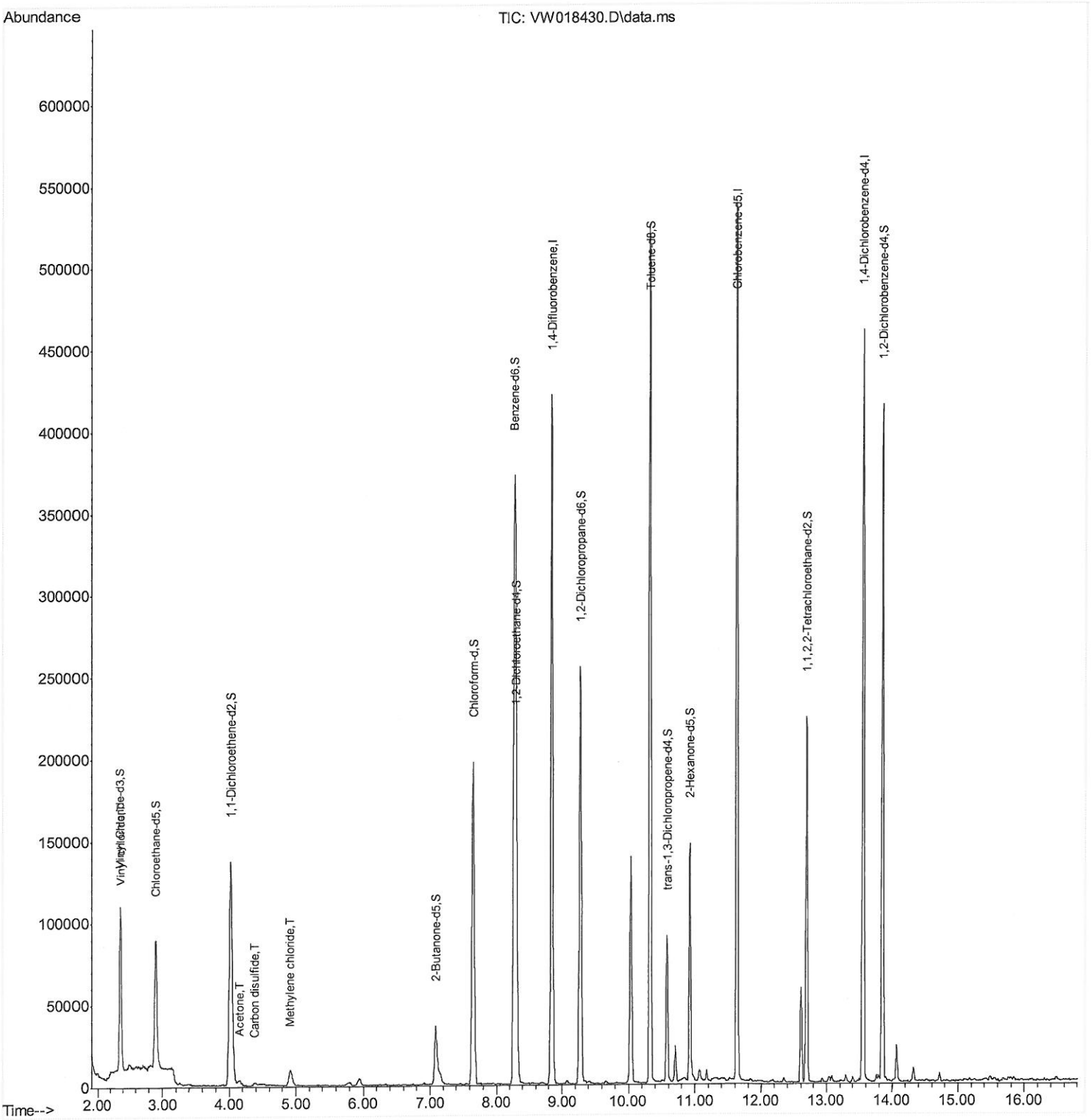
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018430.D
Acq On : 23 Mar 2021 16:40
Operator : SY/VA
Sample : M1781-09
Misc : 5.93G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 24 01:26:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4N5

Manual Integrations APPROVED
SAM
3/26/2021 6:06:26 PM



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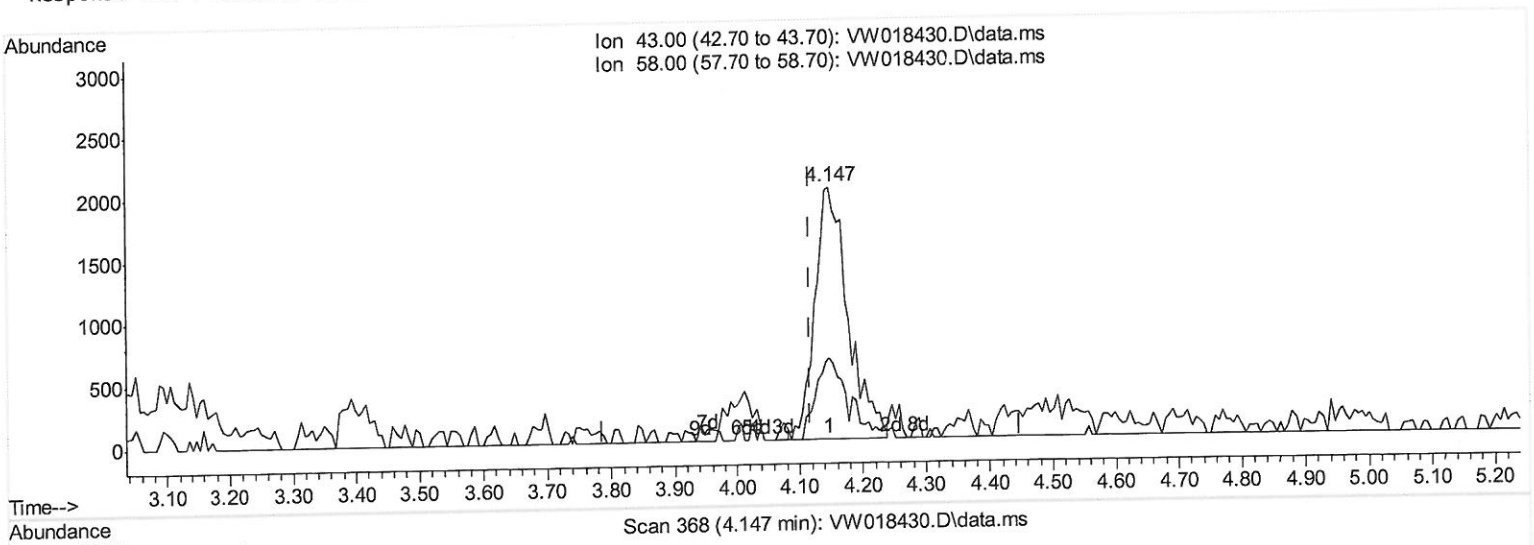

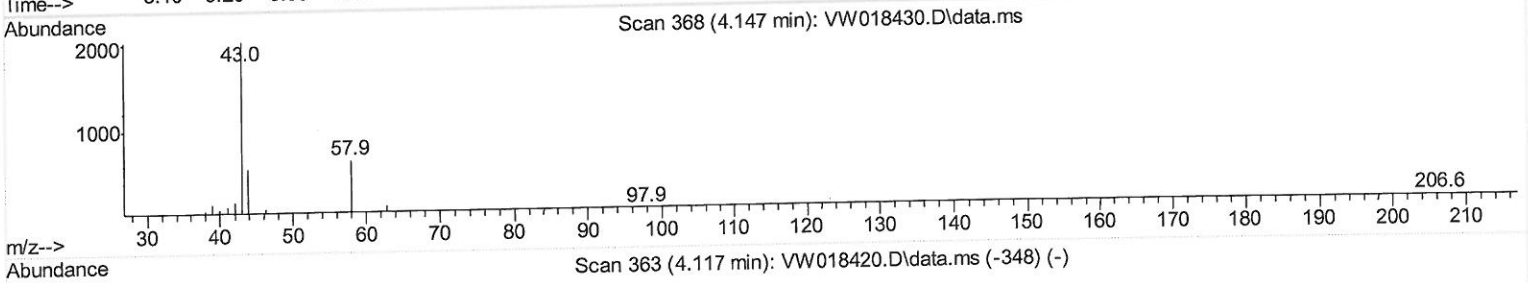

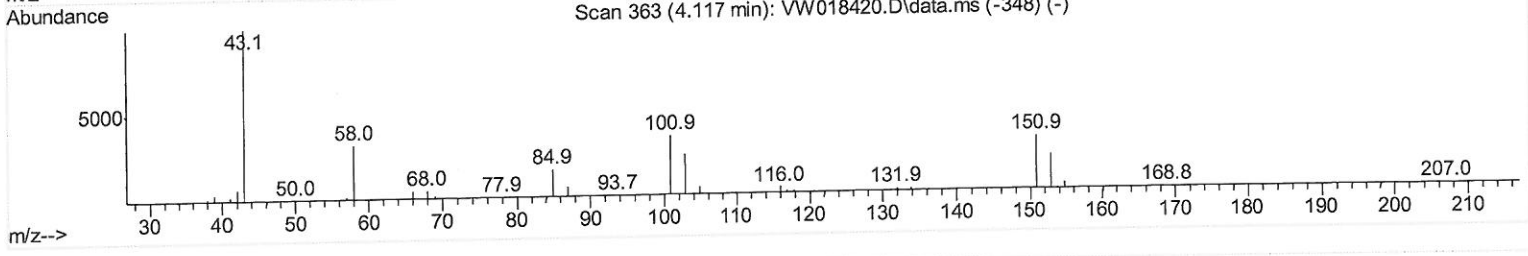

TIC: VW018430.D\data.ms

(13) Acetone (T)

4.147min (+ 0.030) 9.48 ug/L m

response 7360

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	24.97
0.00	0.00	0.00
0.00	0.00	0.00

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3/30/21

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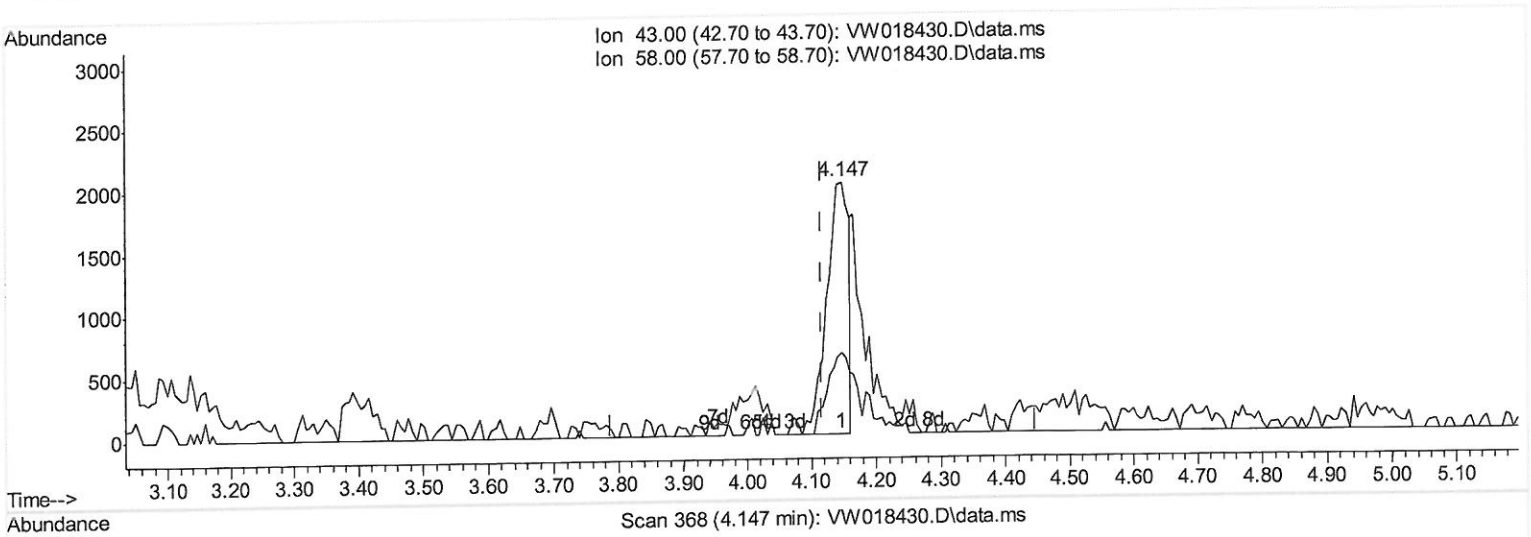
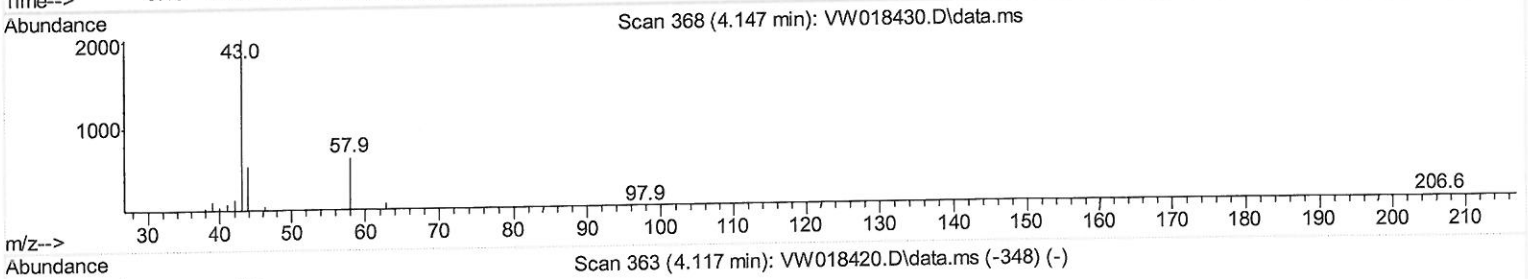
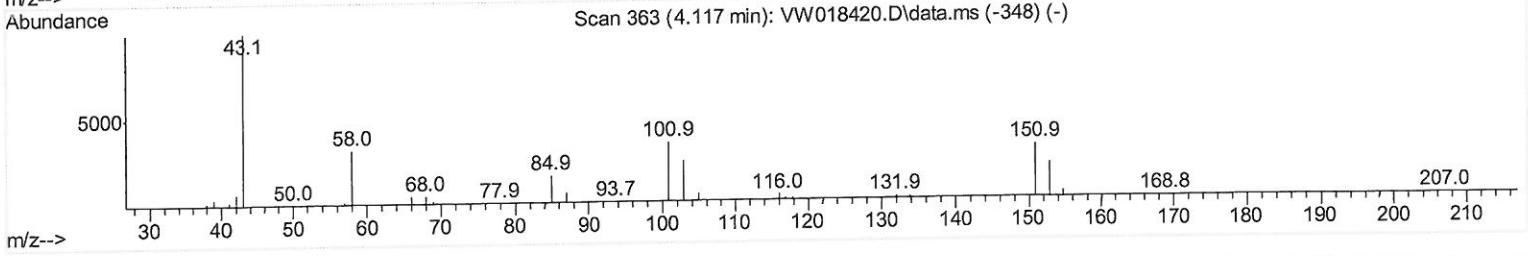
Manual Integrations APPROVED
SAM
3/26/2021 6:06:26 PM







TIC: VW018430.D\data.ms

(13) Acetone (T)

4.147min (+ 0.030) 6.13 ug/L

response 4757

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	38.64
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument : MSVOA_W
ClientSampleId : BG4N5

Manual Integrations APPROVED
SAM
3/26/2021 6:06:26 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	348887	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	286378	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	115044	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115382	23.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.08%			
7) Chloroethane-d5	2.892	69	105466	24.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.28%			
10) 1,1-Dichloroethene-d2	4.019	63	146587	17.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.96%			
20) 2-Butanone-d5	7.086	46	60352	55.84	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.68%			
24) Chloroform-d	7.653	84	193118	21.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.92%			
26) 1,2-Dichloroethane-d4	8.305	65	121798	23.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.92%			
29) Benzene-d6	8.275	84	387409	25.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.80%			
33) 1,2-Dichloropropane-d6	9.275	67	111354	25.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.44%			
37) Toluene-d8	10.323	98	345570	23.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.28%			
38) trans-1,3-Dichloroprop...	10.579	79	47295	20.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.52%			
39) 2-Hexanone-d5	10.927	63	50246	58.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.94%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	104159	26.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.04%			
61) 1,2-Dichlorobenzene-d4	13.853	152	99722	24.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.52%			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	6270	0.95	ug/L #	46
13) Acetone	4.147	43	7360m	9.48	ug/L	
14) Carbon disulfide	4.385	76	4382	0.33	ug/L #	89
16) Methylene chloride	4.916	84	7466	1.30	ug/L #	74

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