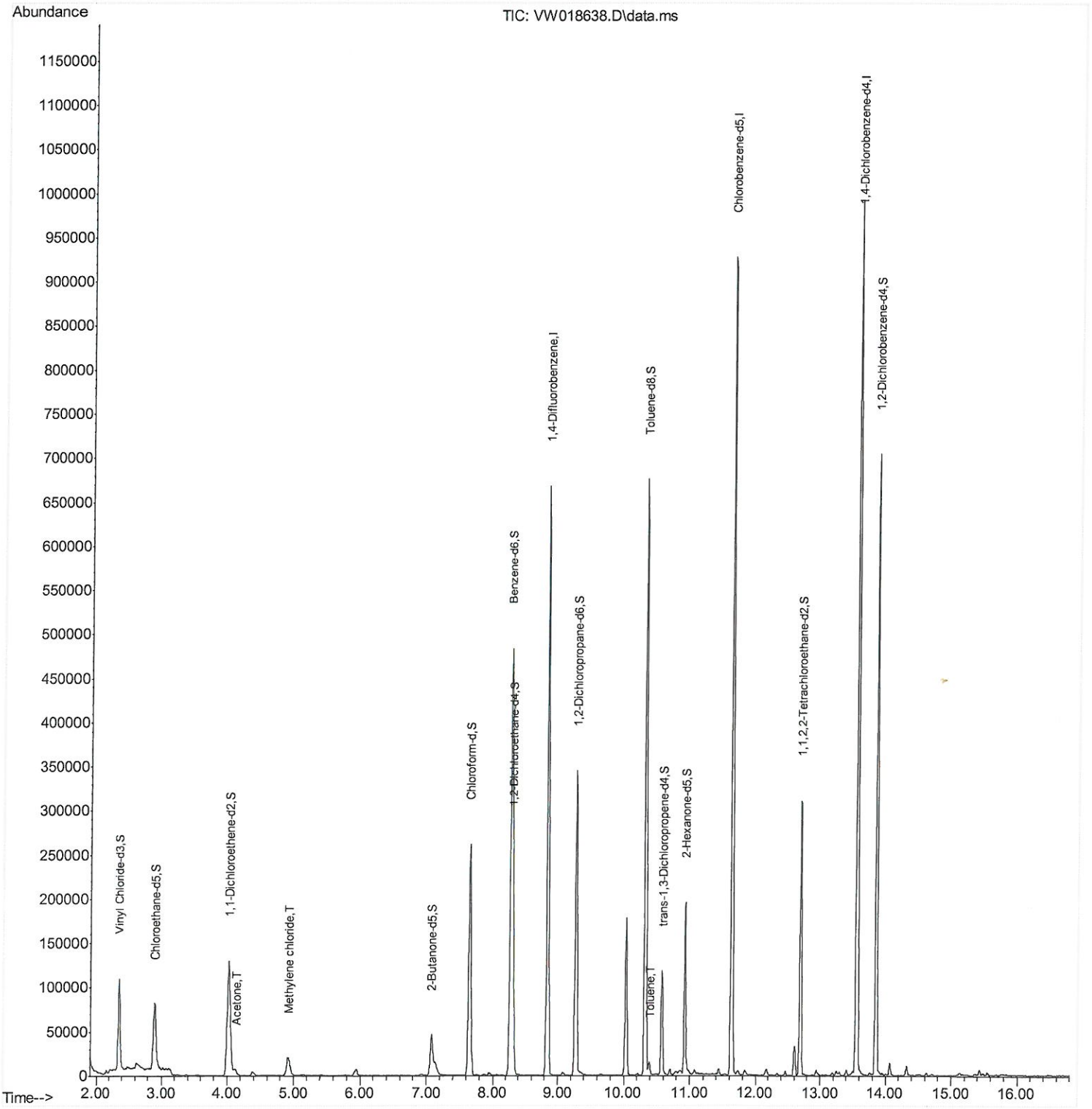
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
Data File : VW018638.D
Acq On : 13 Apr 2021 13:17
Operator : SY/VA
Sample : M1968-11
Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 14 01:26:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 14 01:25:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG5B5

Manual Integrations APPROVED
MMDadoda
4/16/2021 11:36:43 AM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
Data File : VW018638.D
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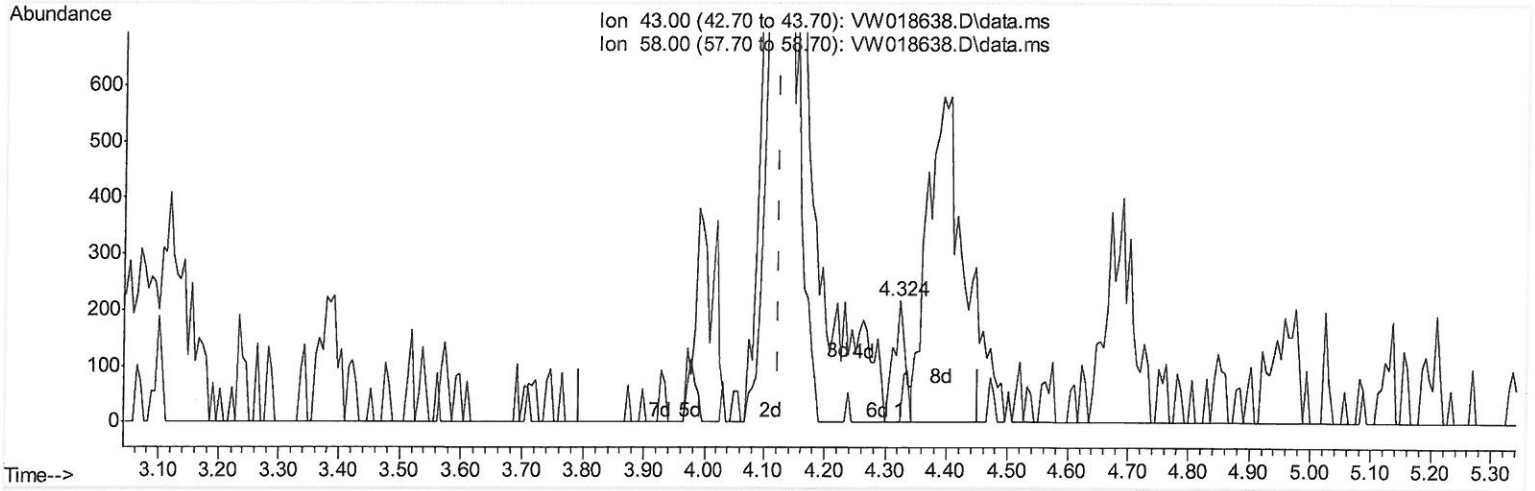

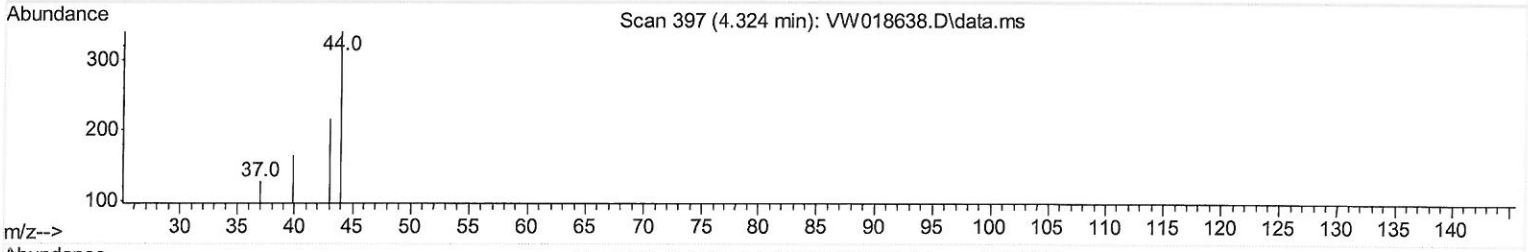

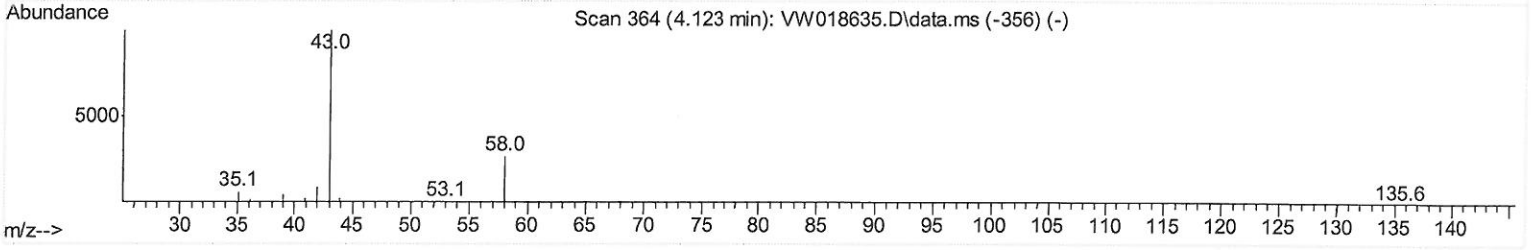

TIC: VW018638.D\data.ms

(13) Acetone (T)

4.324min (+ 0.201) 0.24 ug/L

response 298

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	21.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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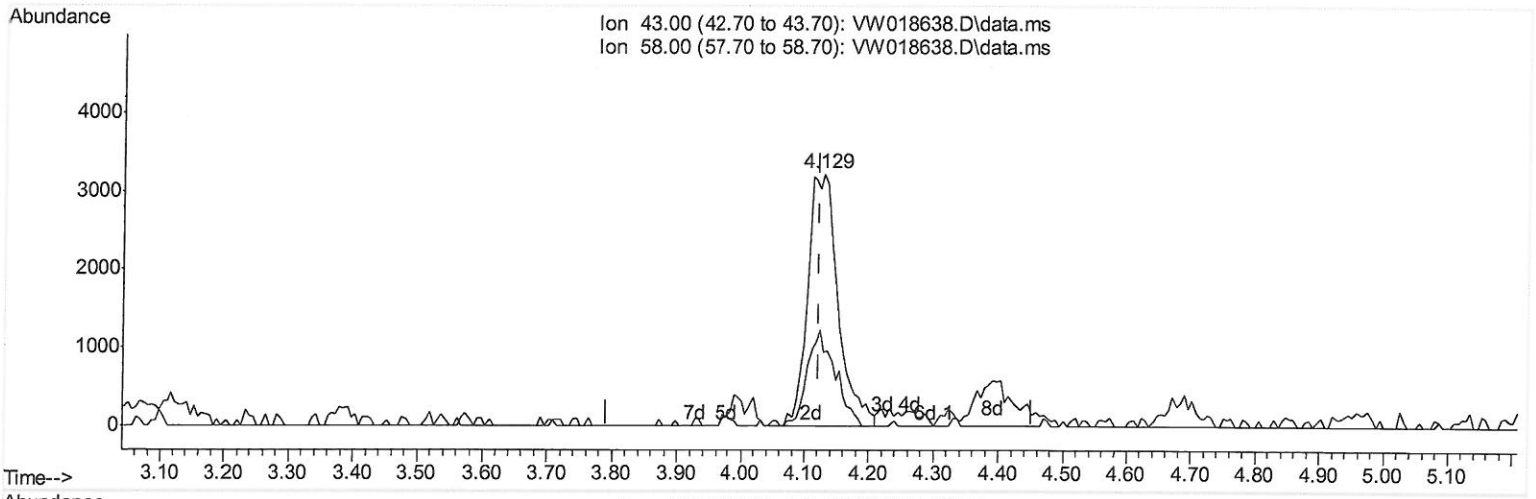
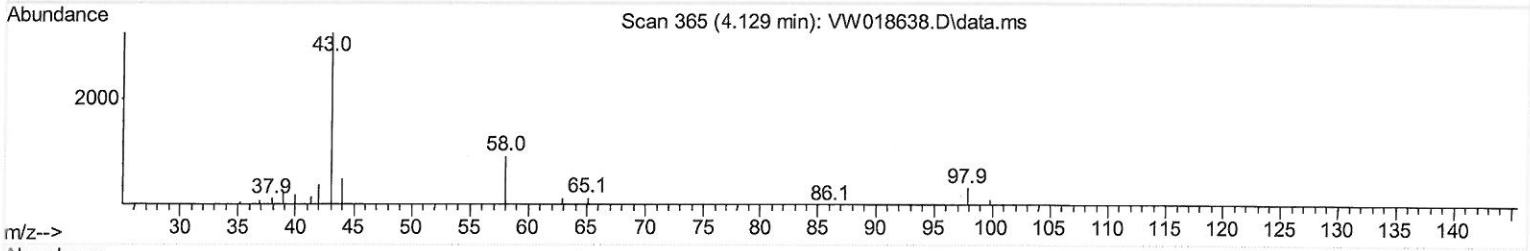
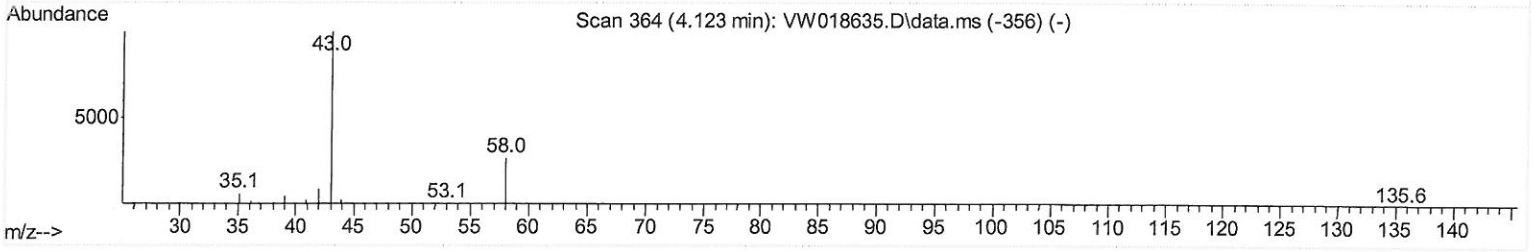
Manual Integrations APPROVED
MMDadoda
4/16/2021 11:36:43 AM







TIC: VW018638.D\data.ms

(13) Acetone (T)

4.129min (+ 0.006) 8.54 ug/L m

response 10481

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	0.62
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/14/21

Quantitation Report (Qedit)

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :
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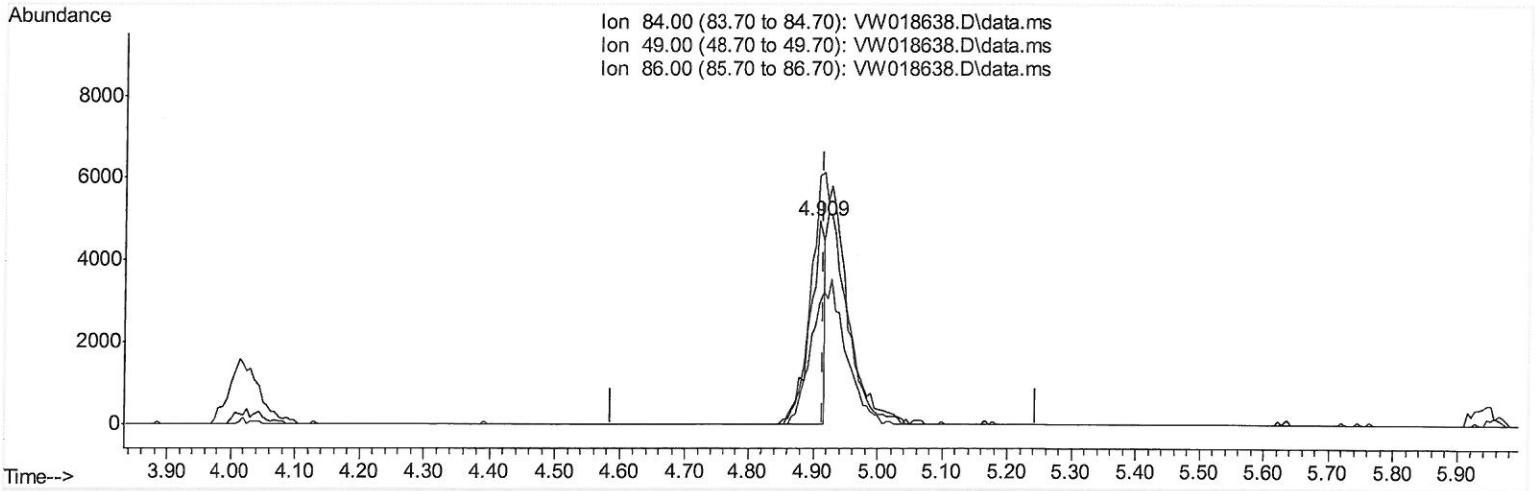
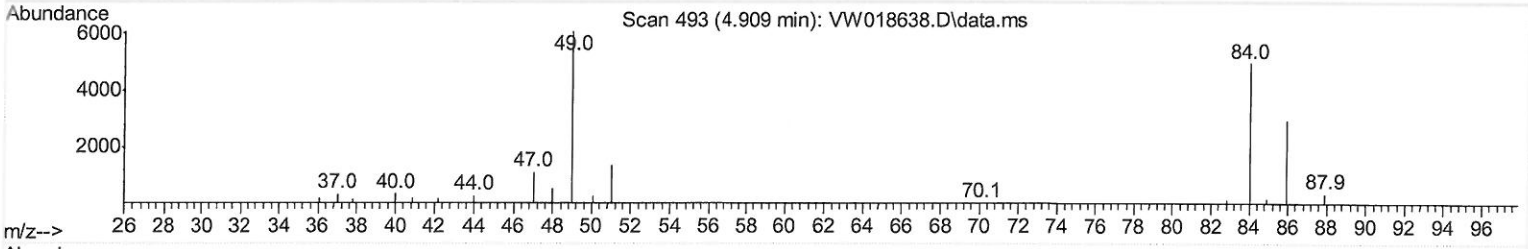
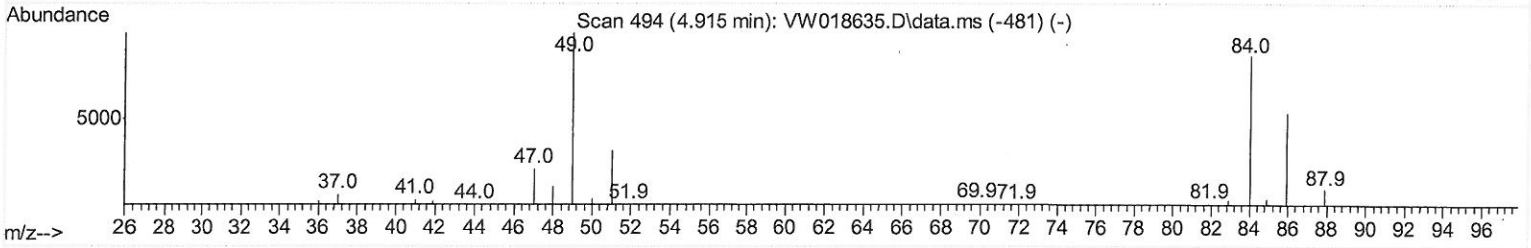
Manual Integrations APPROVED
MMDadoda
4/16/2021 11:36:43 AM







TIC: VW018638.D\data.ms

(16) Methylene chloride (T)

4.909min (-0.006) 0.86 ug/L

response 7769

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	121.75
86.00	65.90	59.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 6 Sample Multiplier: 1

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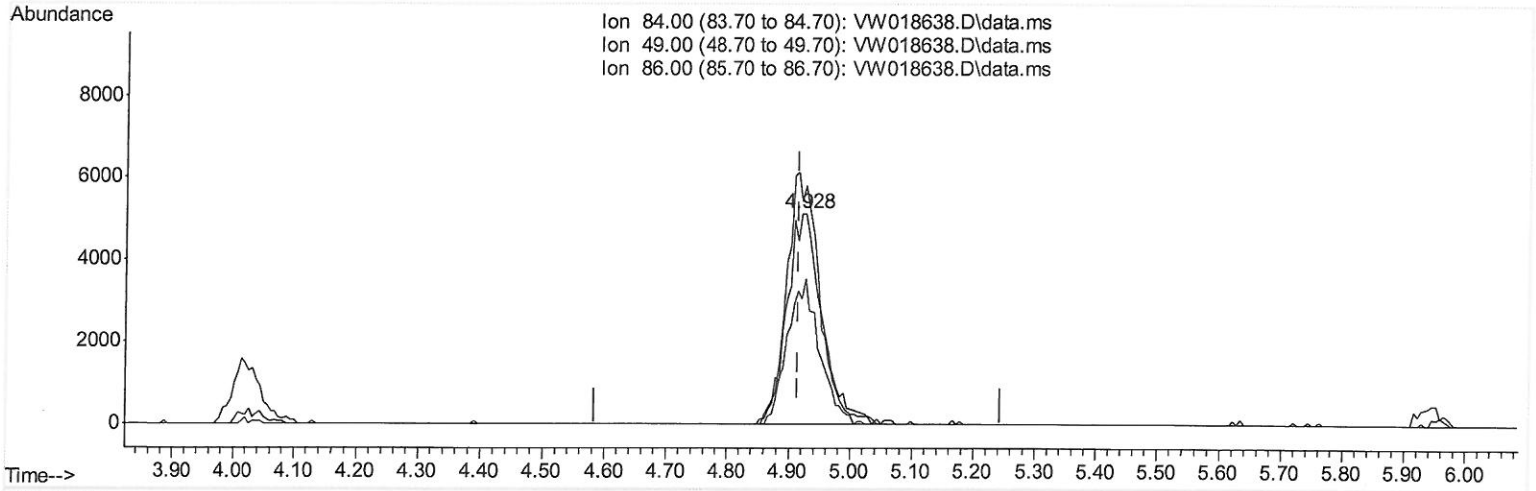
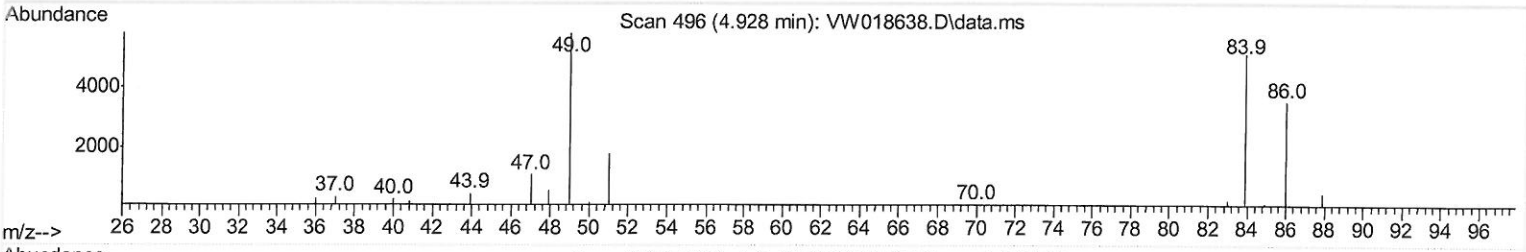
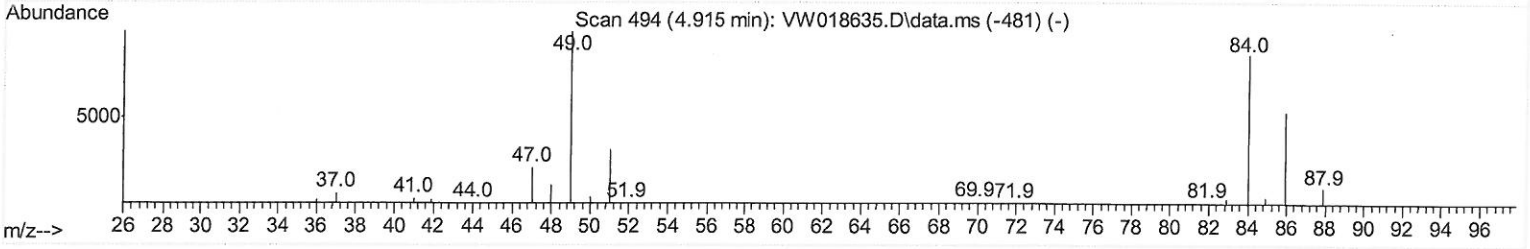
Quant Title : VOC Analysis
QLast Update : Wed Apr 14 01:25:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG5B5

Manual Integrations APPROVED
MMDadoda
4/16/2021 11:36:43 AM







TIC: VW018638.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 2.17 ug/L m

response 19670

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	113.07
86.00	65.90	68.80
0.00	0.00	0.00

MD 4/14/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
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Operator : SY/VA
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QLast Update : Wed Apr 14 01:25:39 2021
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BG5B5

Manual Integrations APPROVED
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4/16/2021 11:36:43 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	551481	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	496781	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	244463	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	124285	16.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.80%			
7) Chloroethane-d5	2.897	69	107020	15.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.72%			
10) 1,1-Dichloroethene-d2	4.019	63	146880	11.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 44.32%#			
20) 2-Butanone-d5	7.074	46	80198	46.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.88%			
24) Chloroform-d	7.647	84	263447	18.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 75.04%			
26) 1,2-Dichloroethane-d4	8.305	65	160937	19.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.52%			
29) Benzene-d6	8.275	84	485330	18.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 73.52%			
33) 1,2-Dichloropropane-d6	9.274	67	151039	19.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.32%			
37) Toluene-d8	10.323	98	455729	17.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.68%			
38) trans-1,3-Dichloroprop...	10.579	79	64359	16.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 65.52%			
39) 2-Hexanone-d5	10.927	63	64933	43.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.10%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	151155	22.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.72%			
61) 1,2-Dichlorobenzene-d4	13.853	152	168475	19.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.52%			
Target Compounds						Qvalue
13) Acetone	4.129	43	10481m	8.54	ug/L	
16) Methylene chloride	4.928	84	19670m	2.17	ug/L	
44) Toluene	10.390	91	10059	0.31	ug/L	99

MD 4/14/21

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