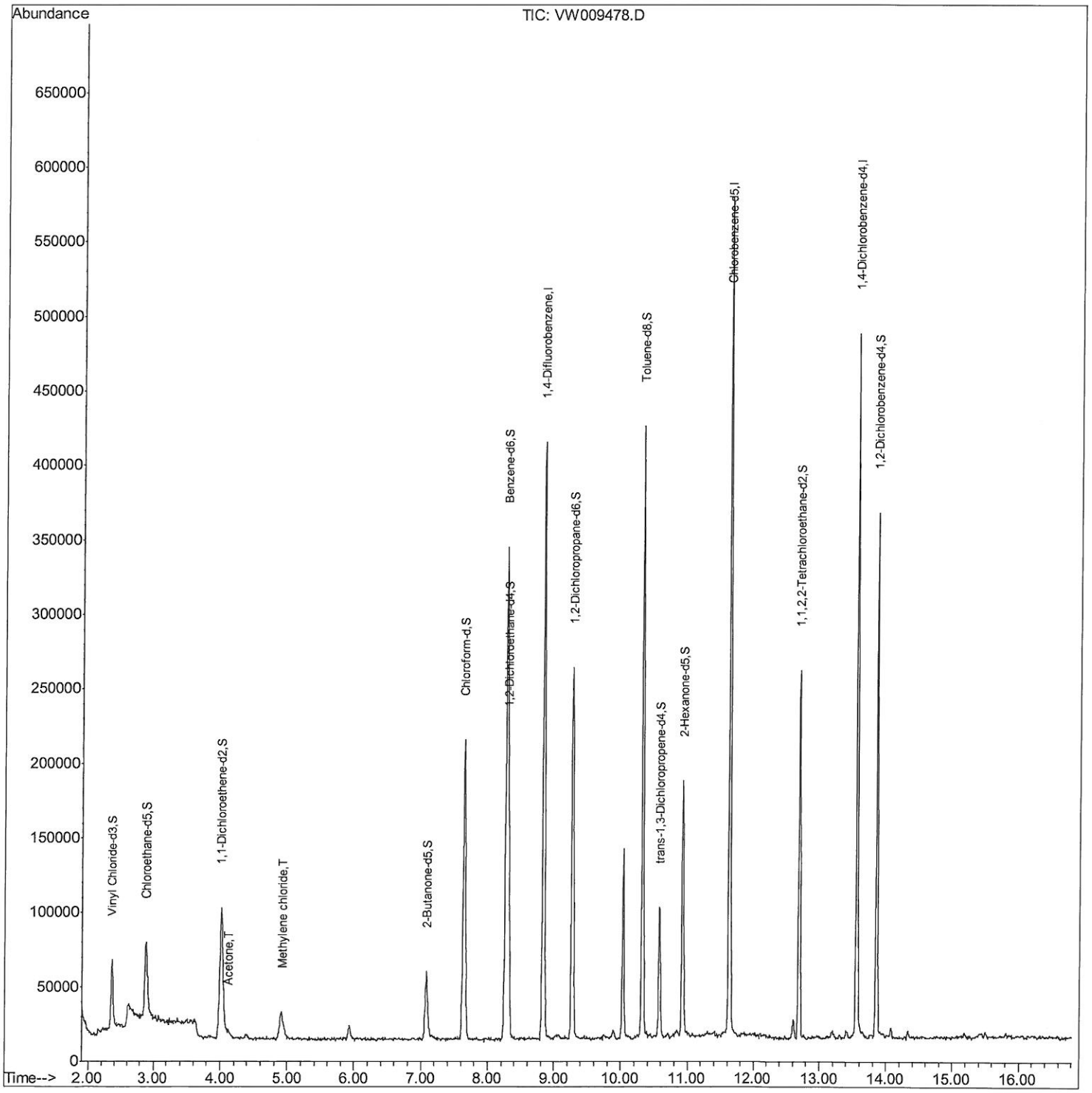
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009478.D
Acq On : 26 Mar 2019 22:16
Operator : SY/VA
Sample : K2068-04
Misc : 5.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 08:41:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5M3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:37:16 PM



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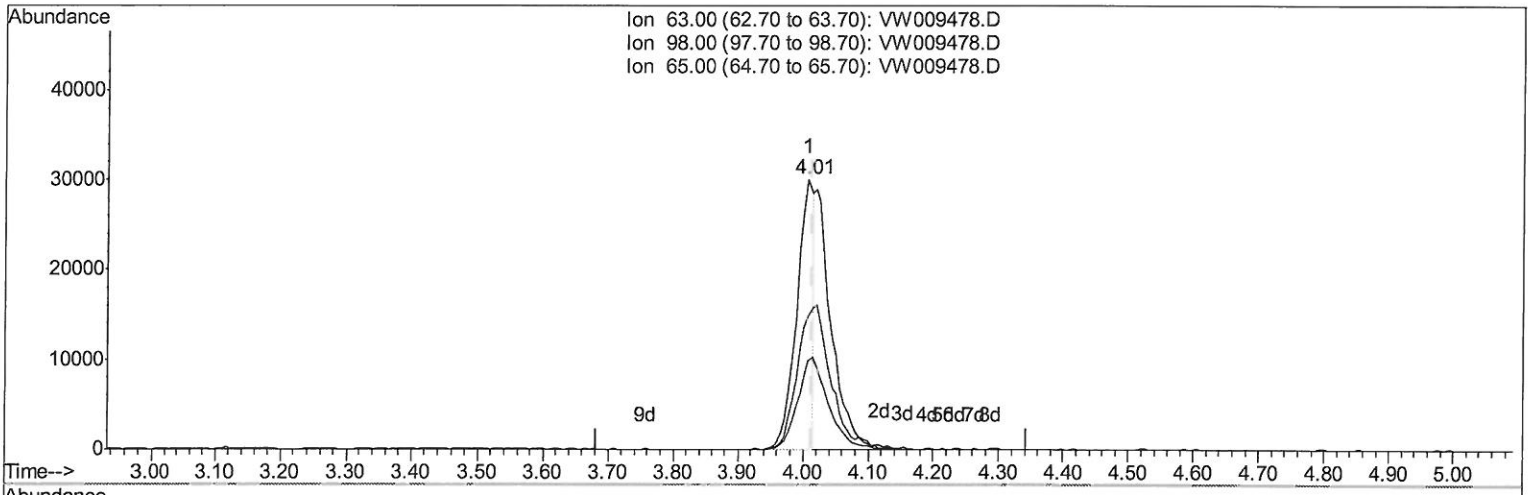

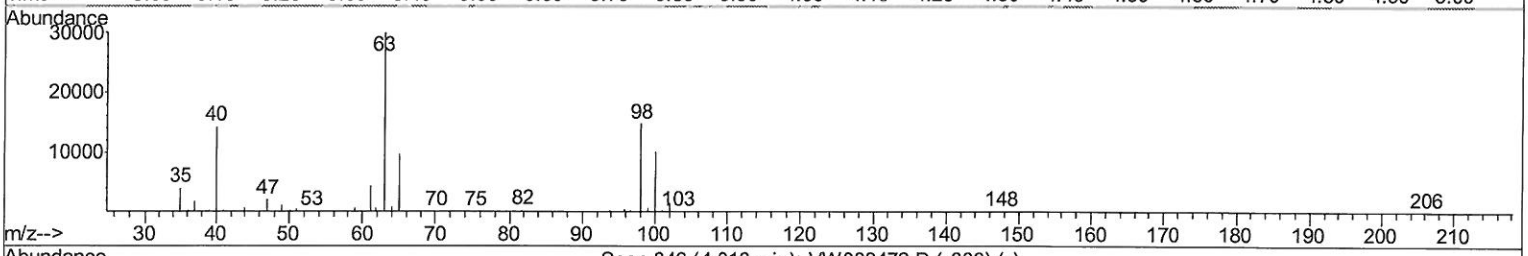

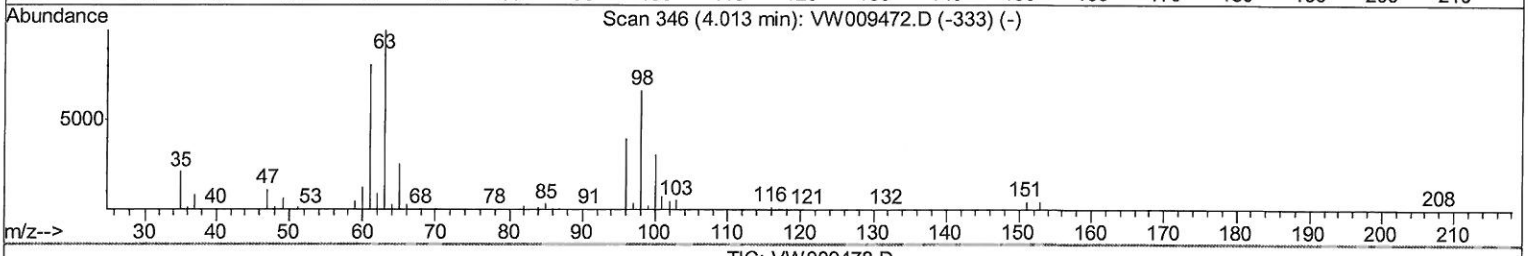

TIC: VW009478.D

(10) 1,1-Dichloroethene-d2 (S)

4.007min (-0.006) 6.45ug/L

response 52386

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	105.13#
65.00	23.00	63.81#
0.00	0.00	0.00

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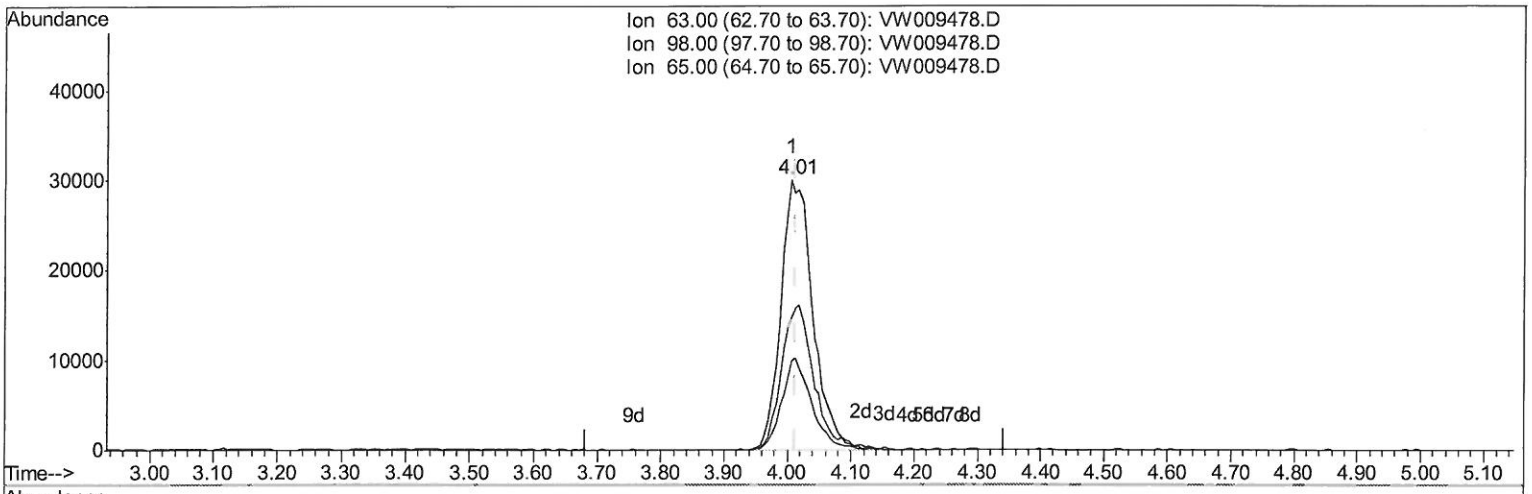
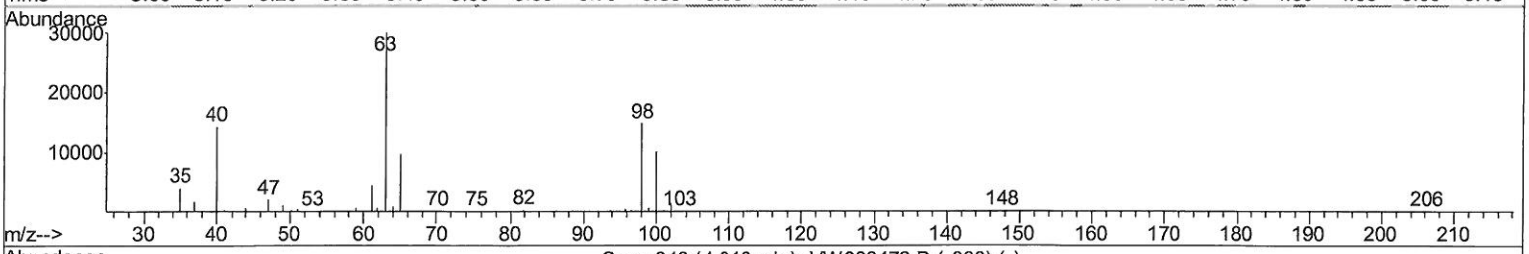
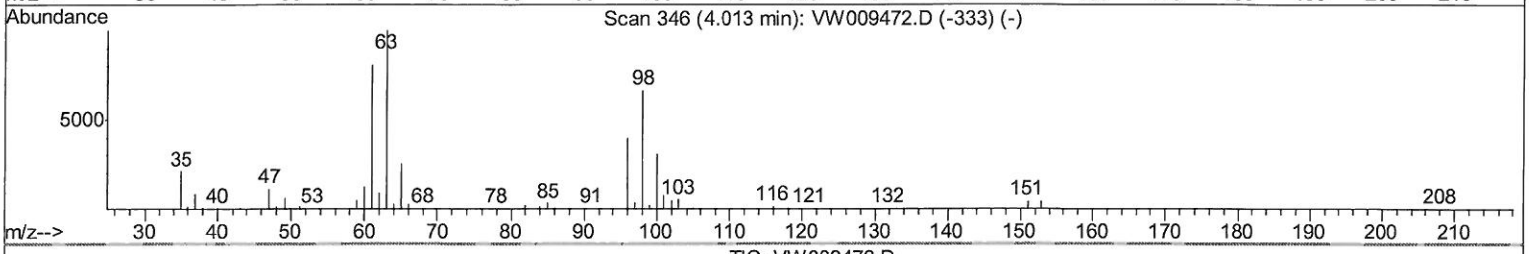
Manual Integrations APPROVED
MMDadoda
3/30/2019 12:37:16 PM







TIC: VW009478.D

(10) 1,1-Dichloroethene-d2 (S)

4.007min (-0.006) 12.96ug/L m

response 105196

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	52.35
65.00	23.00	31.78#
0.00	0.00	0.00

MD 4/6/19

Quantitation Report (Qedit)

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Manual Integrations APPROVED
MMDadoda
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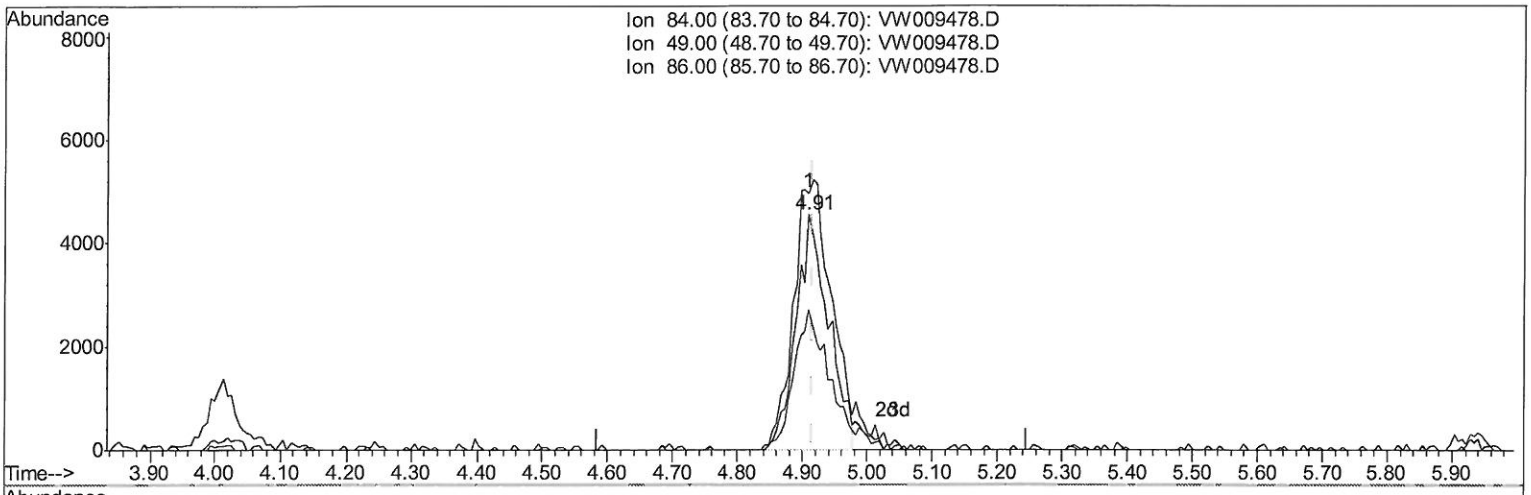

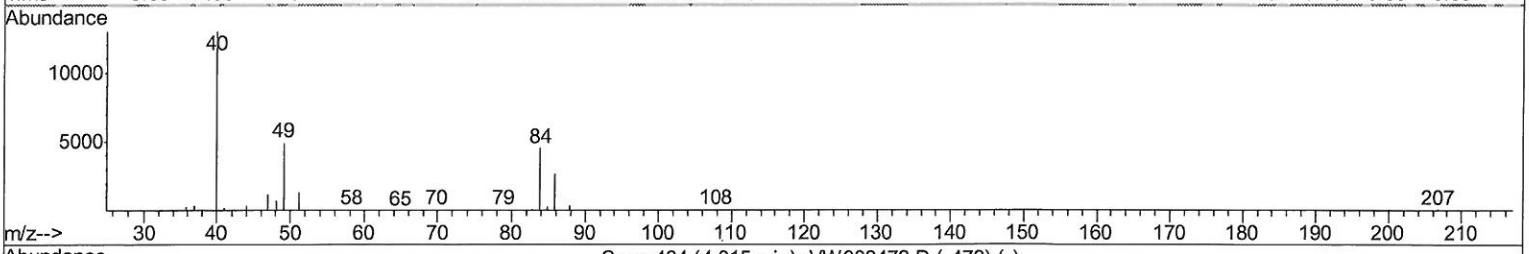

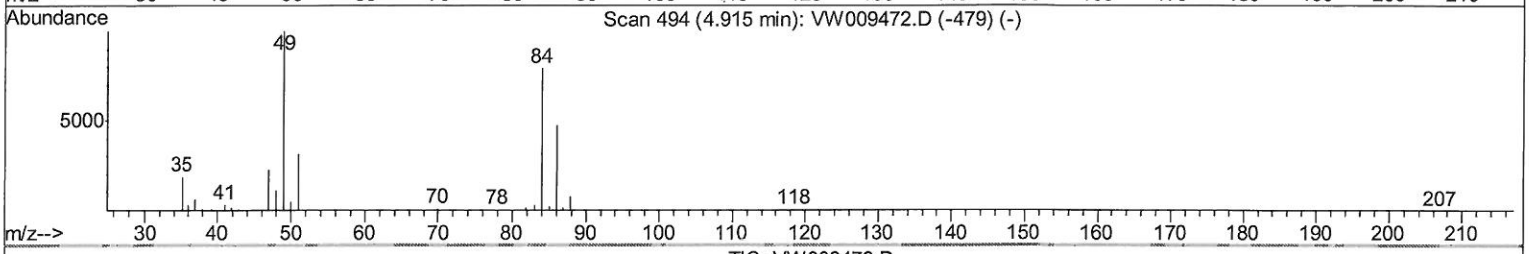

TIC: VW009478.D

(16) Methylene chloride (T)

4.909min (-0.006) 3.46ug/L

response 15853

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	109.19
86.00	63.50	59.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_W
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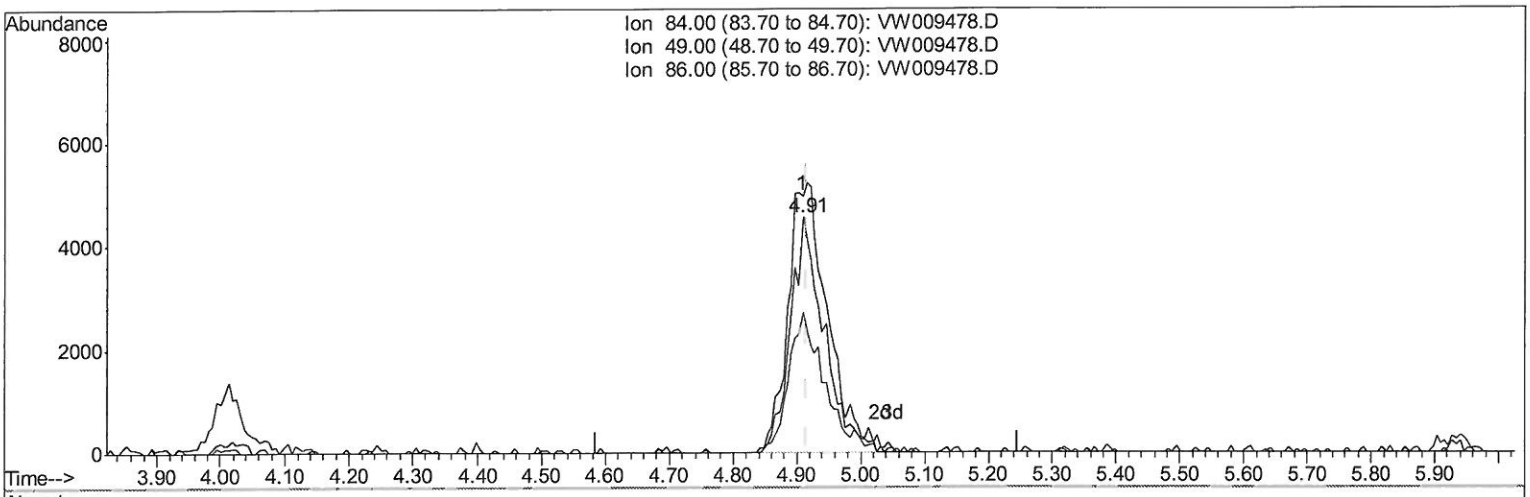
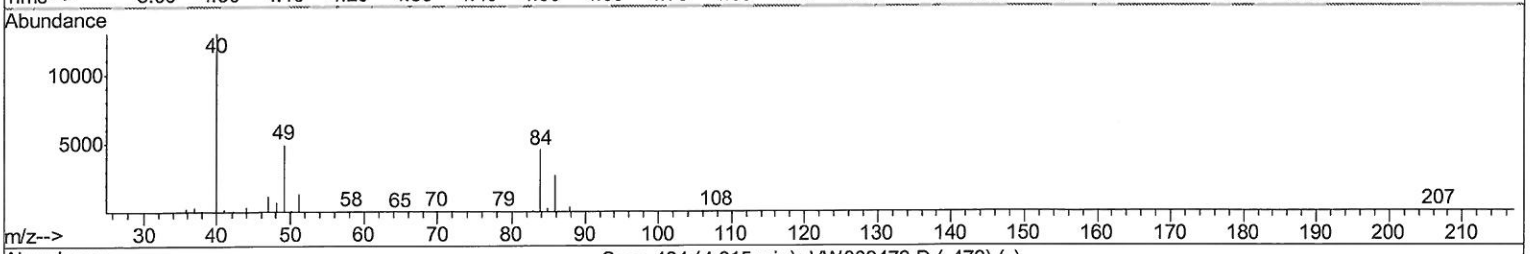
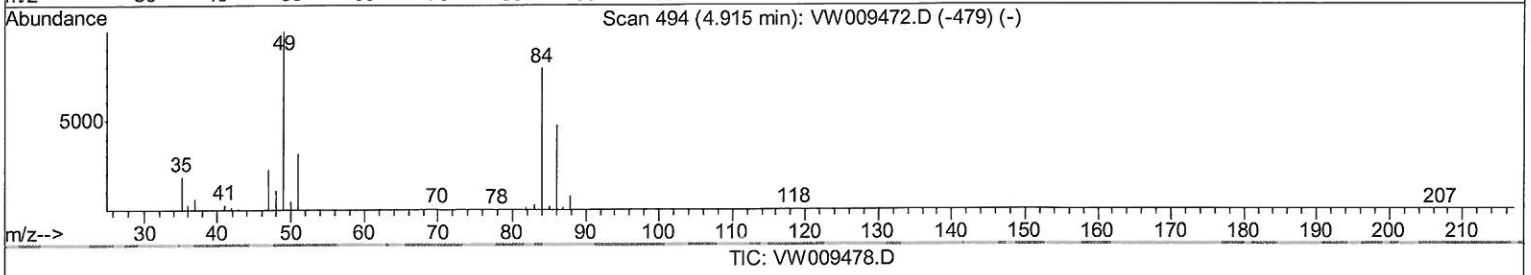
BF5M3

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:37:16 PM







TIC: VW009478.D

(16) Methylene chloride (T)

4.909min (-0.006) 3.64ug/L m

response 16695

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	109.19
86.00	63.50	59.41
0.00	0.00	0.00

MD 4/16/19

Quantitation Report (Qedit)

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Instrument :
MSVOA_W
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Manual Integrations APPROVED
MMDadoda
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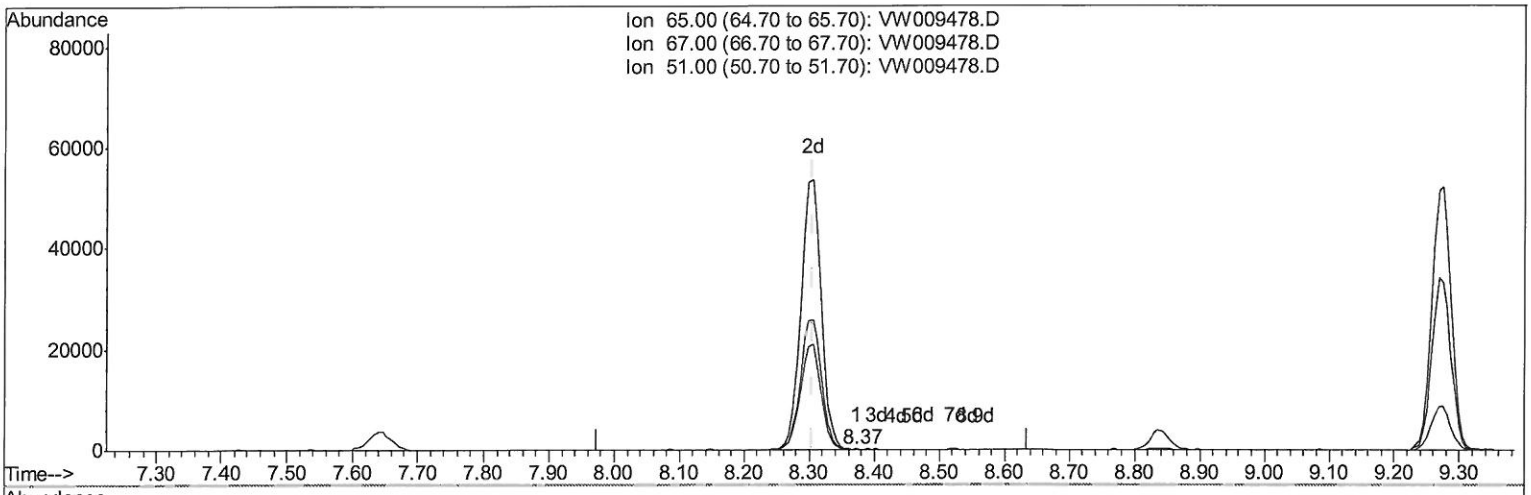

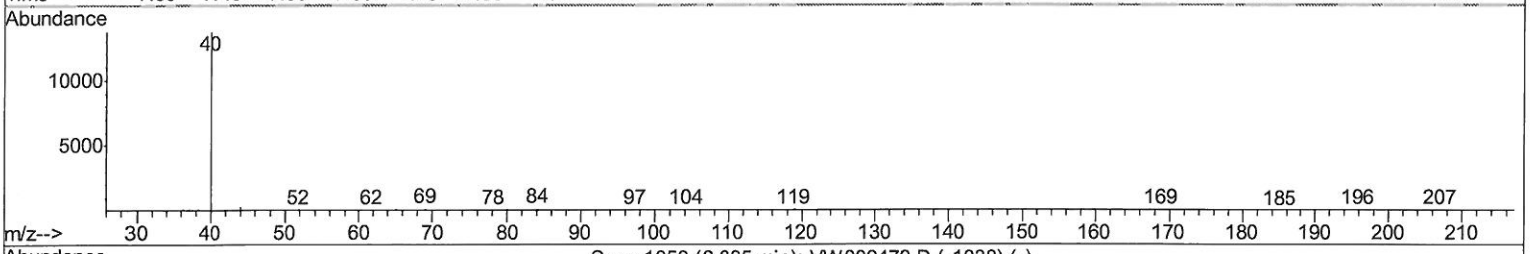

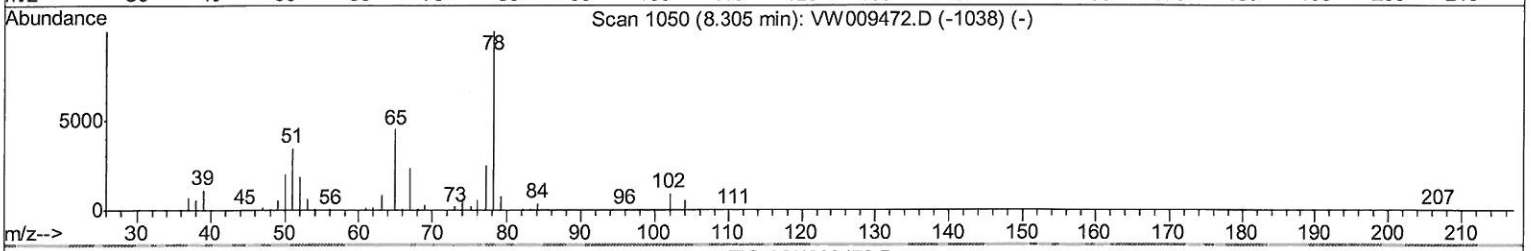

TIC: VW009478.D

(26) 1,2-Dichloroethane-d4 (S)

8.372min (+0.067) 0.03ug/L

response 147

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	54.42
51.00	97.70	77.55
0.00	0.00	0.00

Quantitation Report (Qedit)

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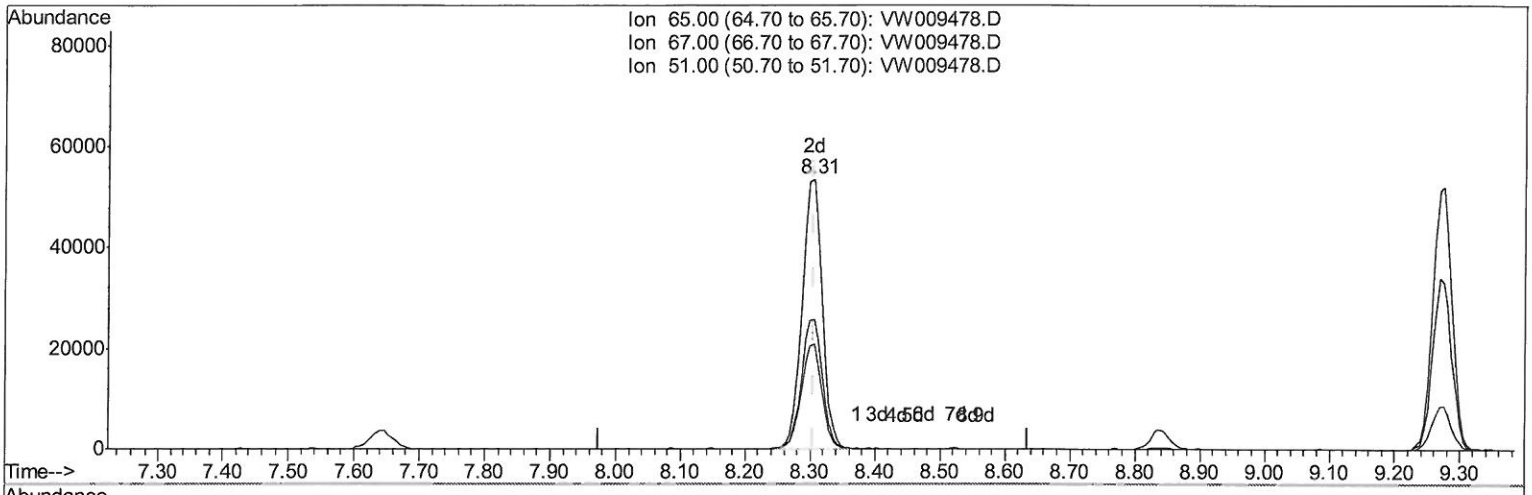

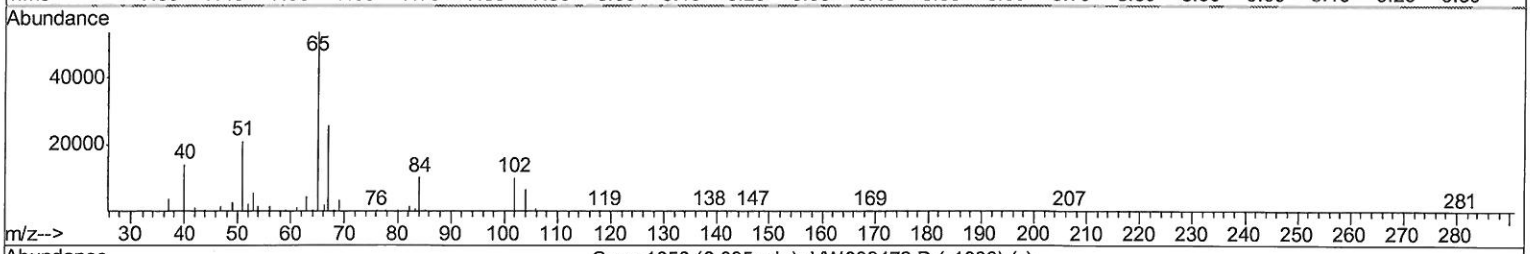

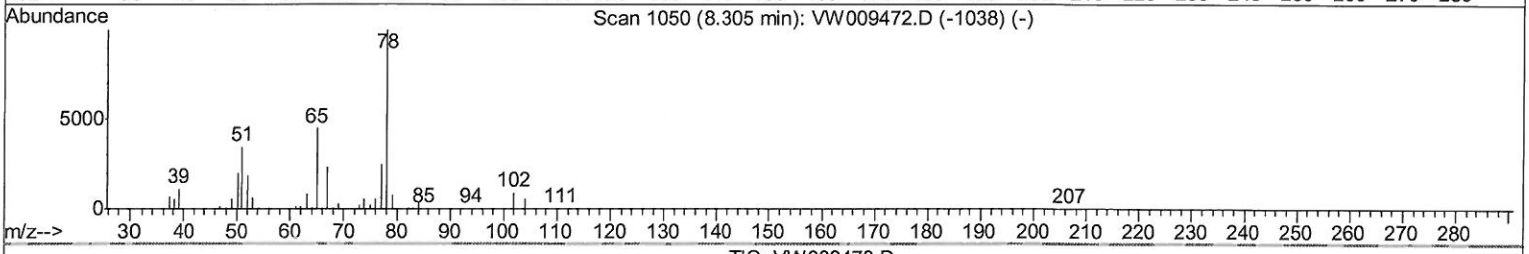

TIC: VW009478.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.000) 22.33ug/L m

response 115396

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.07#
51.00	97.70	0.10#
0.00	0.00	0.00

7MD 4/6/19

Quantitation Report (QT Reviewed)

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MSVOA_W
ClientSampleId :
BF5M3

Manual Integrations APPROVED
MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314291	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296678	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112595	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	60949	16.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.92%			
7) Chloroethane-d5	2.89	69	71753	16.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.32%			
10) 1,1-Dichloroethene-d2	4.01	63	105196m	12.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 51.84%			
20) 2-Butanone-d5	7.08	46	74571	48.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.02%			
24) Chloroform-d	7.65	84	186776	21.78	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.12%			
26) 1,2-Dichloroethane-d4	8.31	65	115396m	22.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.32%			
29) Benzene-d6	8.27	84	312825	19.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.48%			
33) 1,2-Dichloropropane-d6	9.27	67	106227	21.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.48%			
37) Toluene-d8	10.32	98	258458	17.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 68.32%			
38) trans-1,3-Dichloropropene-	10.58	79	44928	18.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.80%			
39) 2-Hexanone-d5	10.93	63	51867	43.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.16%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109863	22.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.80%			
61) 1,2-Dichlorobenzene-d4	13.86	152	89007	20.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.48%			
Target Compounds						Qvalue
13) Acetone	4.11	43	8012	6.290	ug/L	67
16) Methylene chloride	4.91	84	16695m	3.643	ug/L	

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

MD 4/6/19

MD 4/6/19