

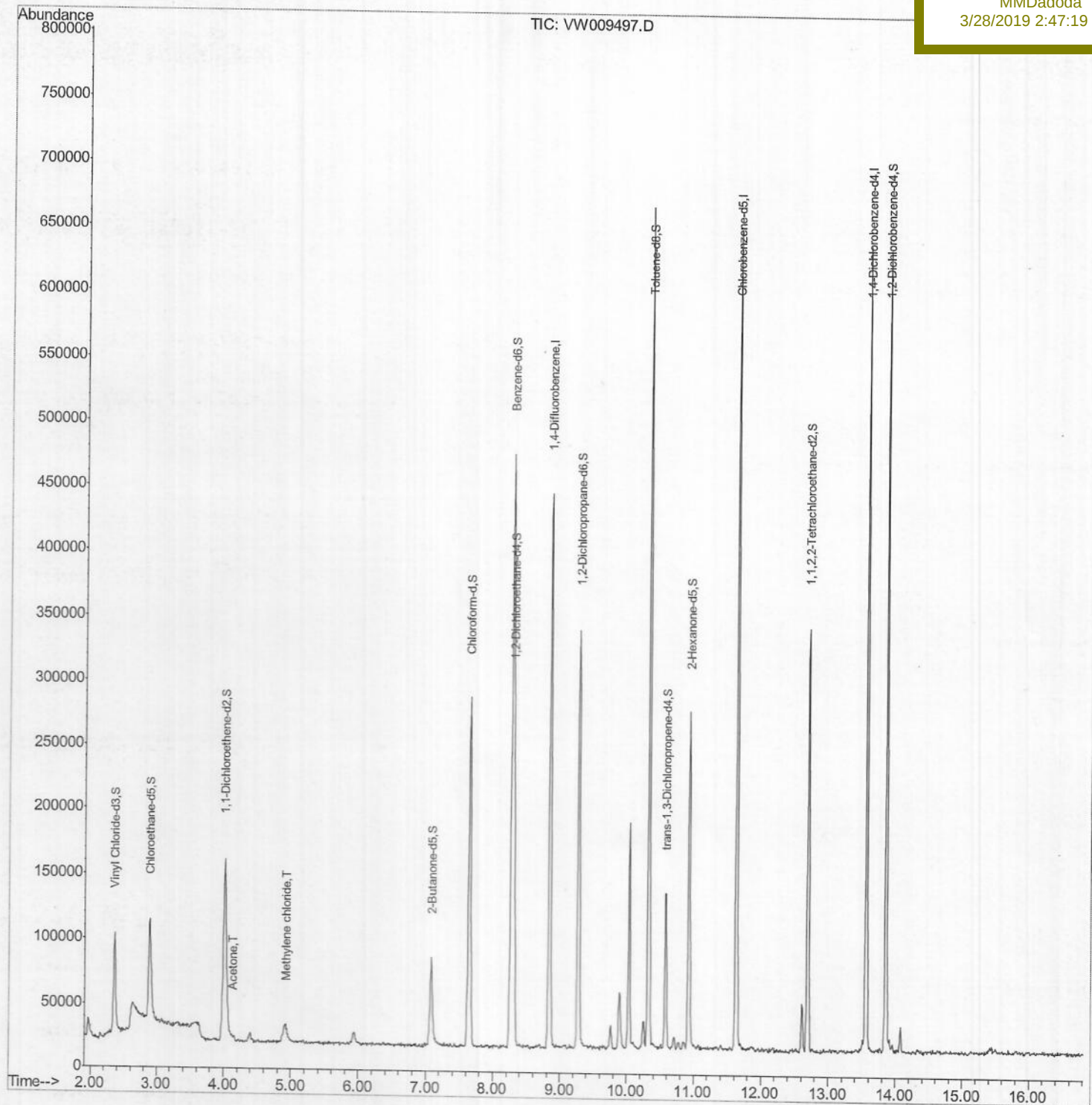
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009497.D
Acq On : 27 Mar 2019 12:35
Operator : SY/VA
Sample : K2017-10
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:43:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 04:55:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
VHBLK01

Manual Integrations
APPROVED

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3/28/2019 2:47:19 PM



Quantitation Report (Qedit)

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ClientSampleId :

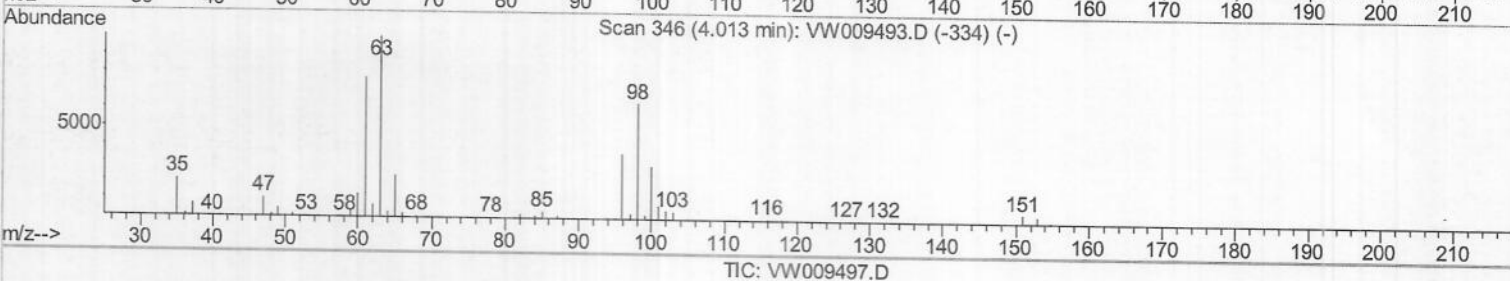
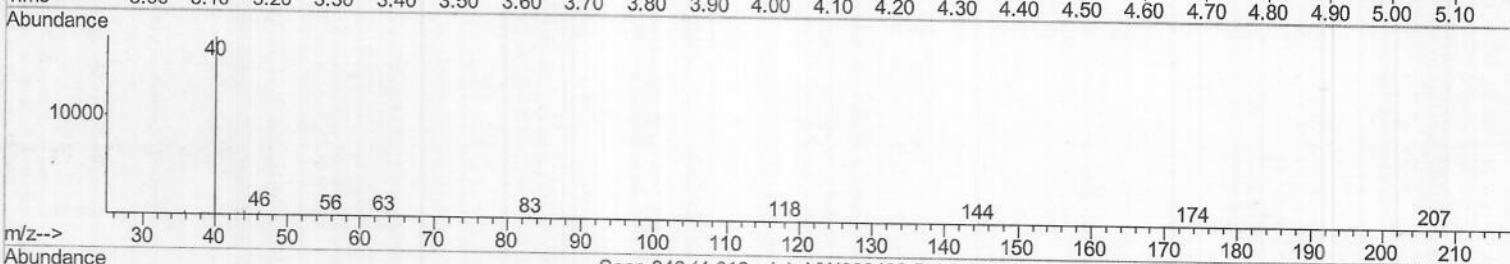
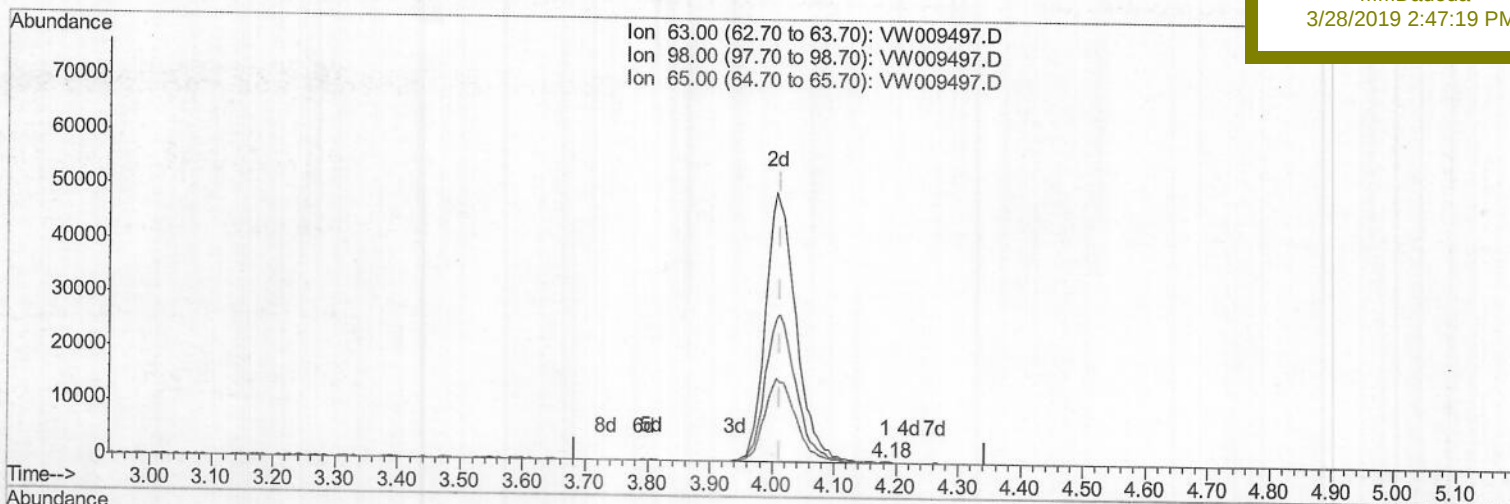
VHBLK01

Manual Integrations

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TIC: VW009497.D

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

4.184min (+0.171) 0.02ug/L

response 157

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	57.32
65.00	23.00	20.38
0.00	0.00	0.00

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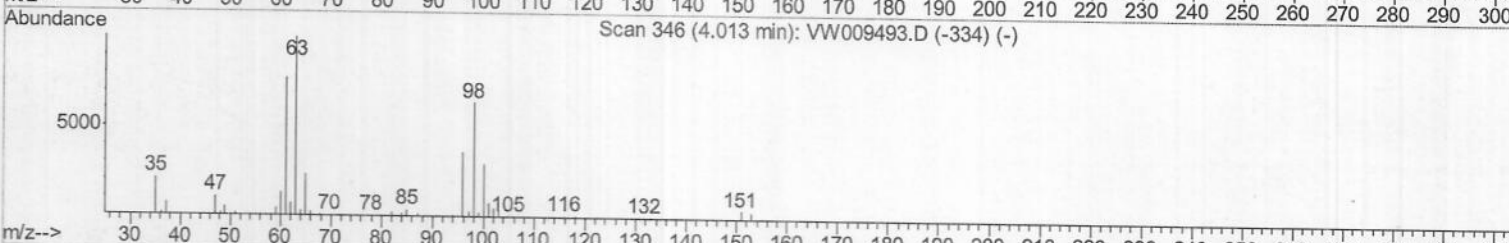
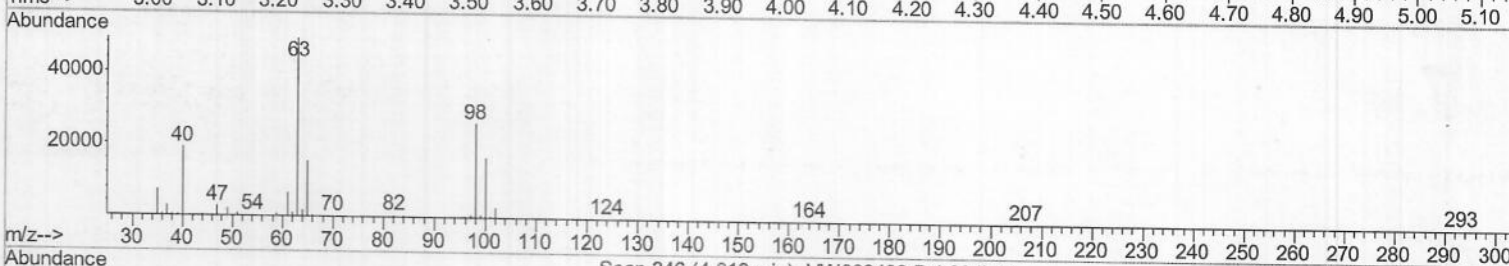
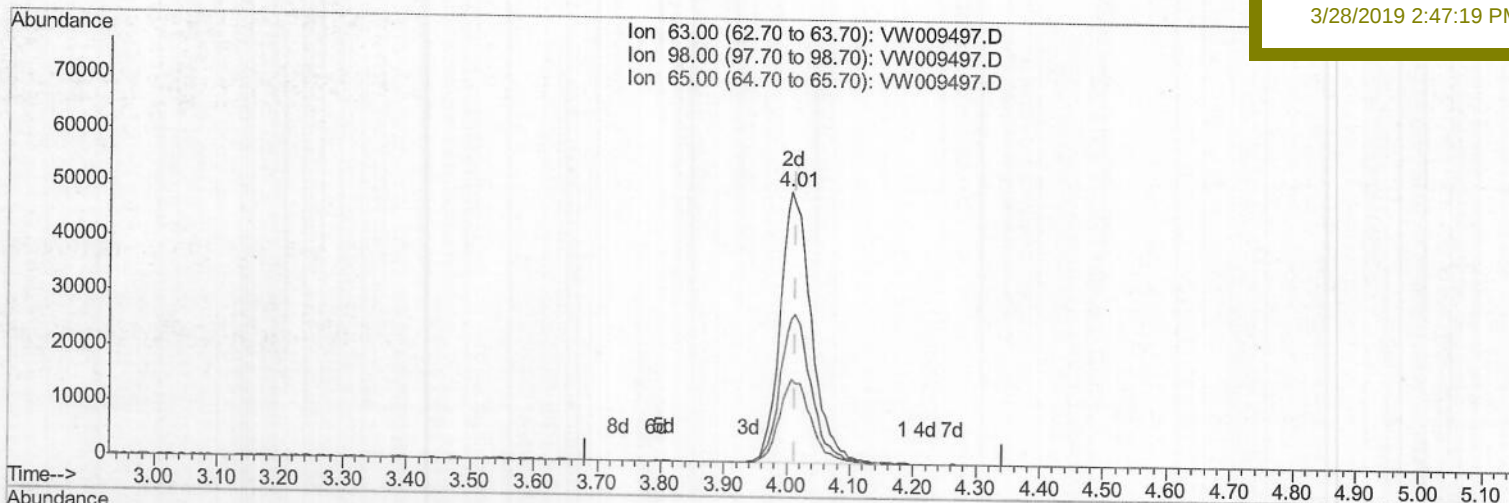
VHBLK01

Manual Integrations

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3/28/2019 2:47:19 PM



TIC: VW009497.D

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

4.007min (-0.006) 19.50ug/L m

response 169837

Ion Exp% Act%

63.00 100 100

98.00 70.80 0.05#

65.00 23.00 0.02#

0.00 0.00 0.00

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :

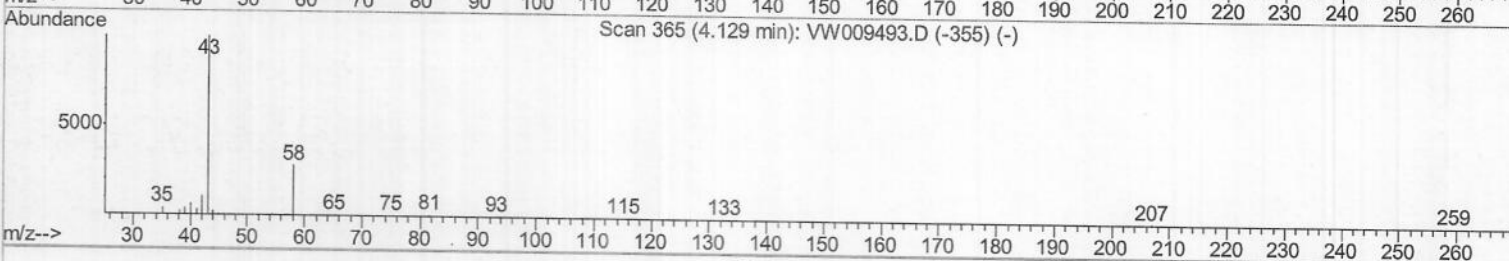
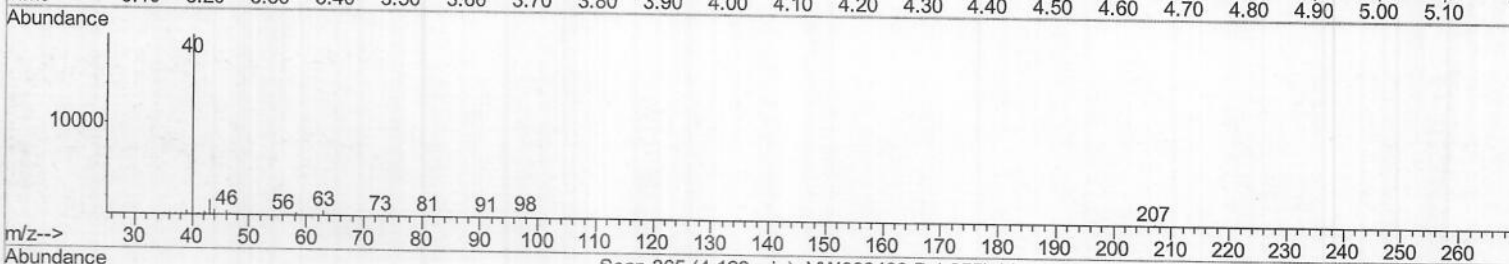
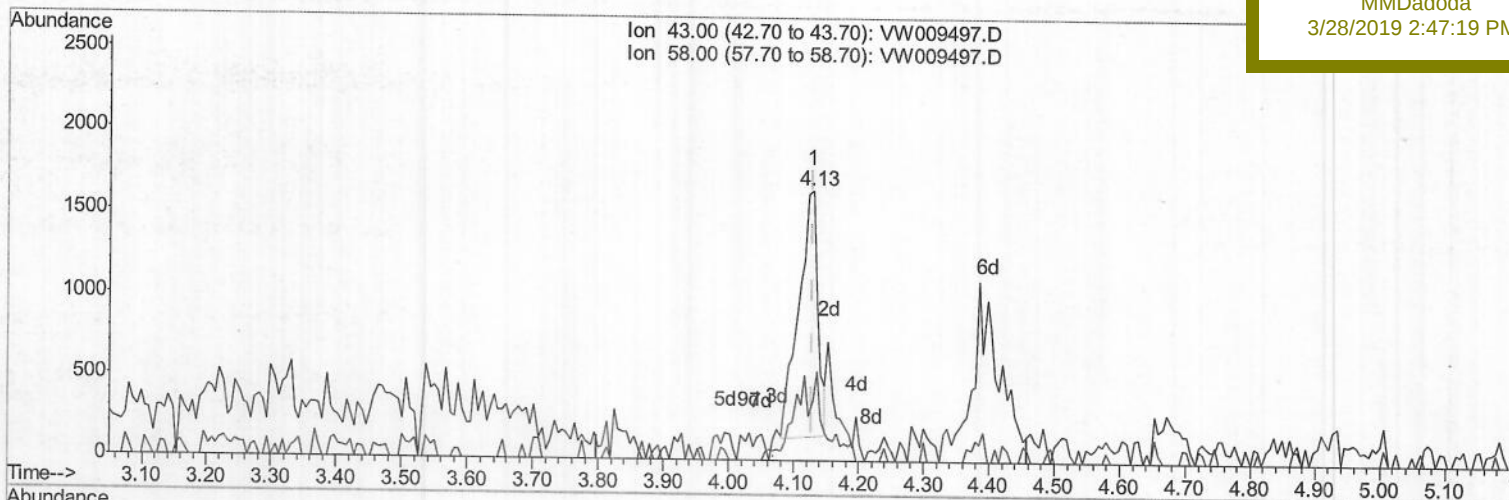
VHBLK01

Manual Integrations

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TIC: VW009497.D

(13) Acetone (T)

4.129min (-0.000) 2.25ug/L

response 3078

Ion	Exp%	Act%
43.00	100	100
58.00	28.10	18.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

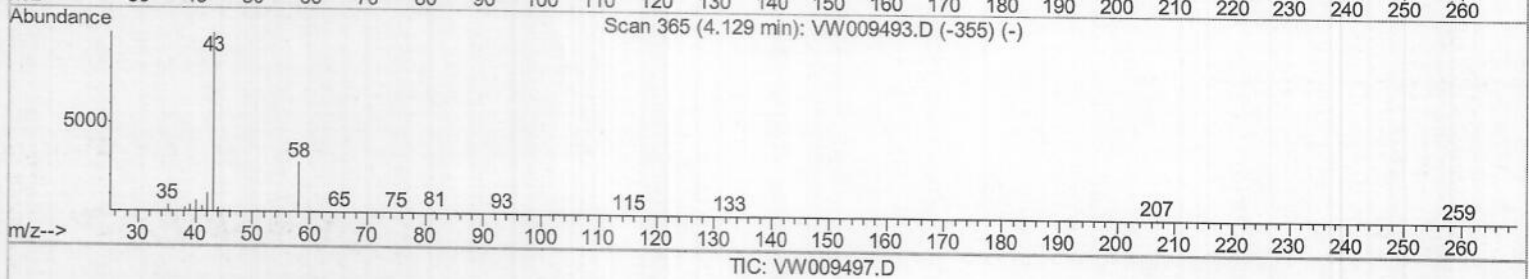
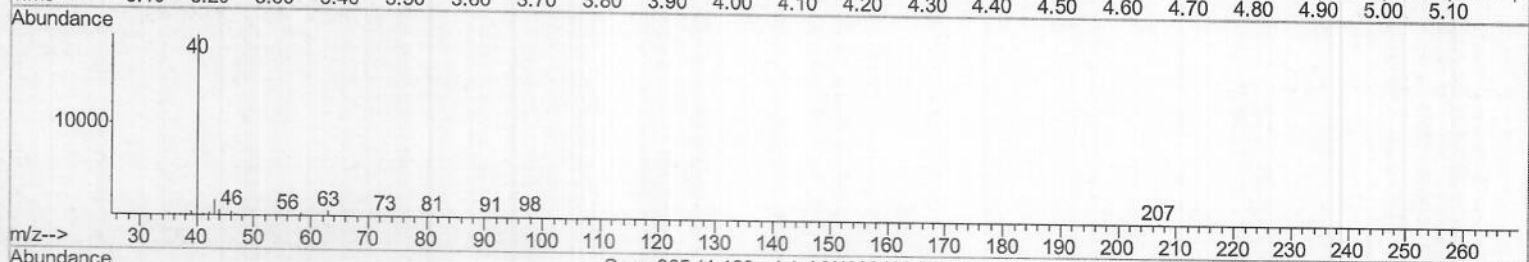
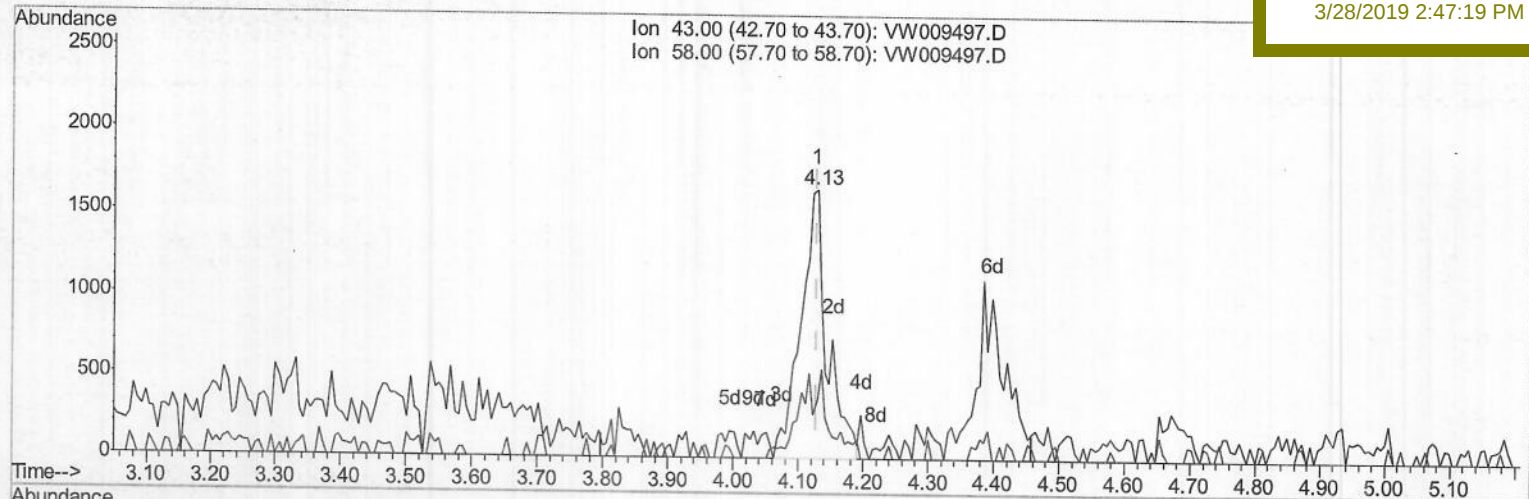
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 Sample : K2017-10
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
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(13) Acetone (T)

4.129min (-0.000) 3.36ug/L m

response 4590

Ion	Exp%	Act%
43.00	100	100
58.00	28.10	12.61
0.00	0.00	0.00
0.00	0.00	0.00

04/02/19 SY

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Operator : SY/VA

Sample : K2017-10

Misc : 5.05G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:13 2019

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Instrument :

MSVOA_W

ClientSampleId :

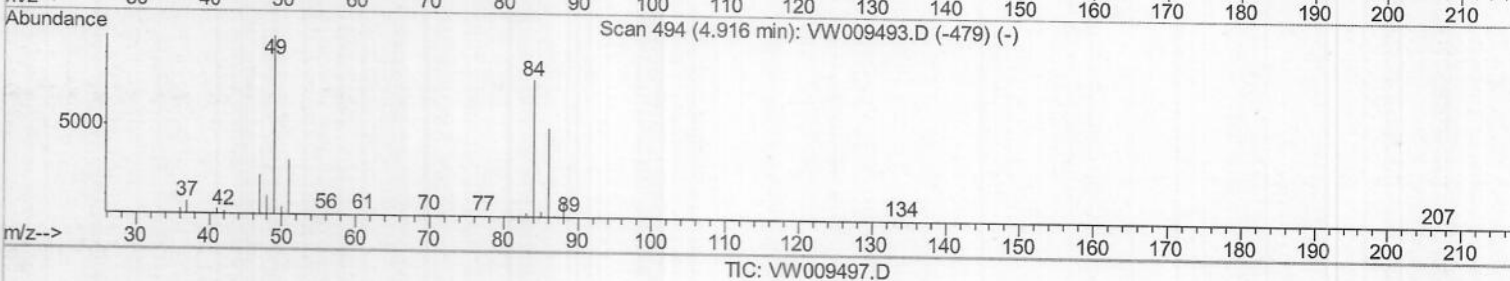
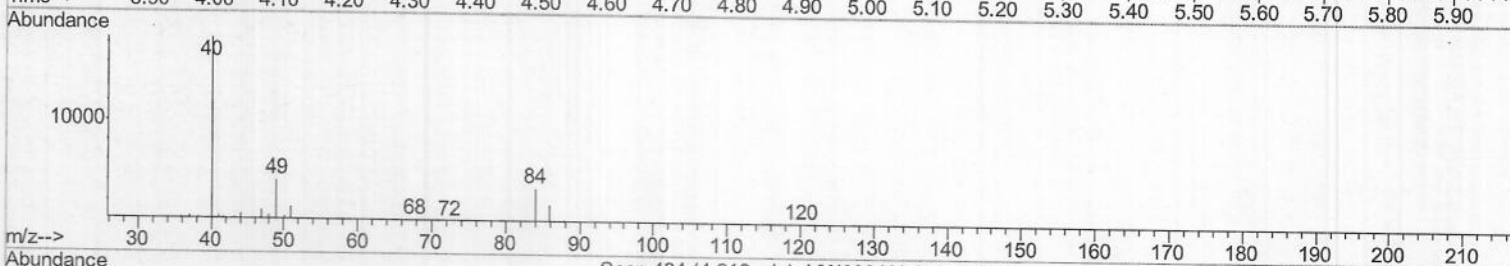
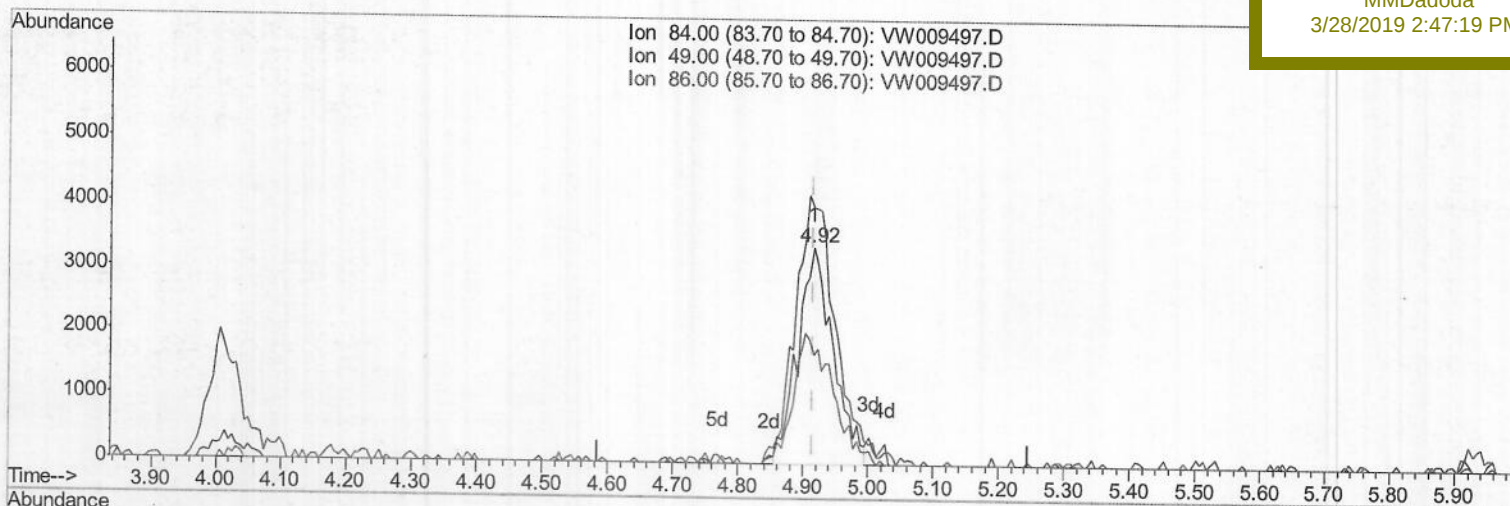
VHBLK01

Manual Integrations

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TIC: VW009497.D

(16) Methylene chloride (T)

4.915min (-0.000) 2.59ug/L

response 12715

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	118.47
86.00	63.50	50.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 27 Mar 2019 12:35

Operator : SY/VA

Sample : K2017-10

Misc : 5.05G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:13 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

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Instrument :

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ClientSampleId :

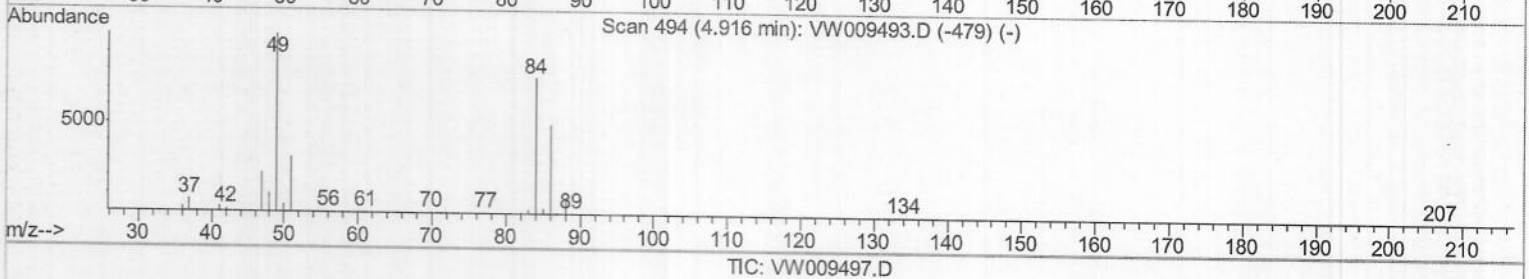
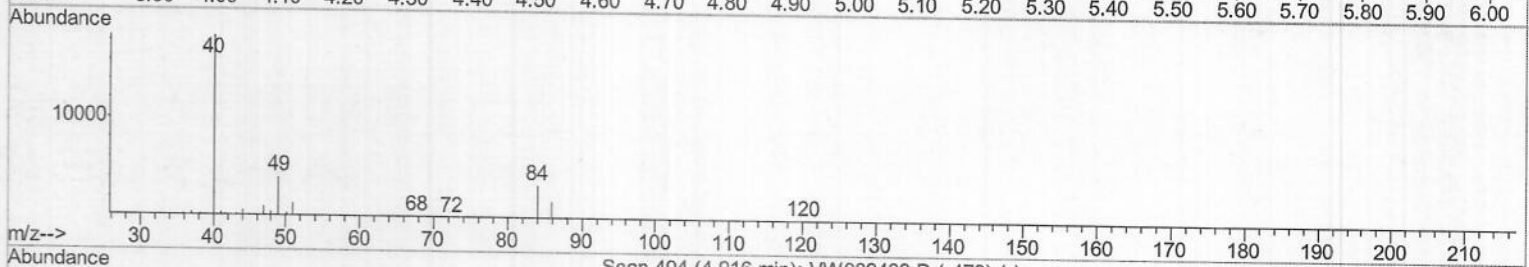
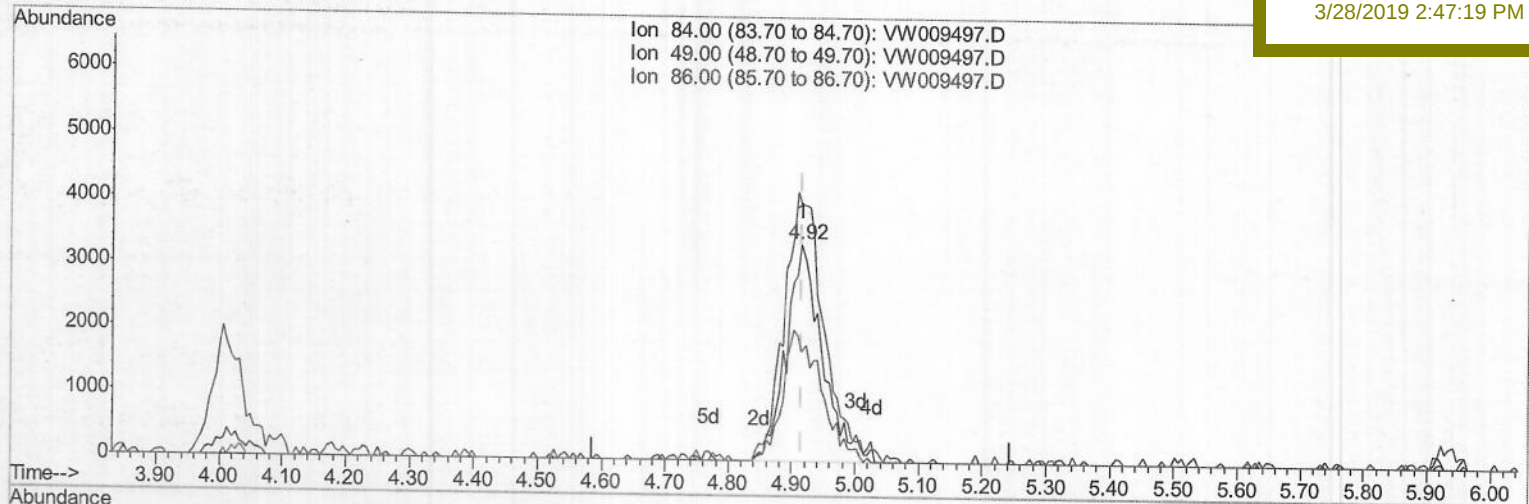
VHBLK01

Manual Integrations

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(16) Methylene chloride (T)

4.915min (-0.000) 2.71ug/L m

response 13305

04/02/19
SY

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	118.47
86.00	63.50	50.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SY/VA

Sample : K2017-10

Misc : 5.05G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:13 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

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Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

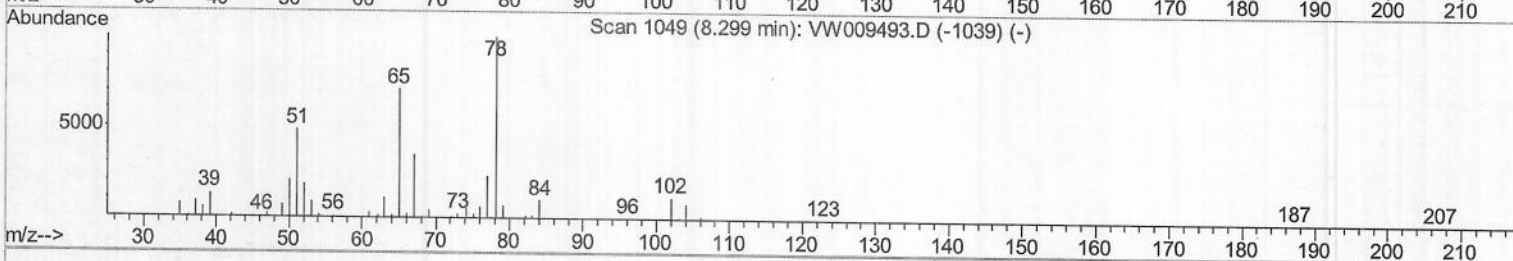
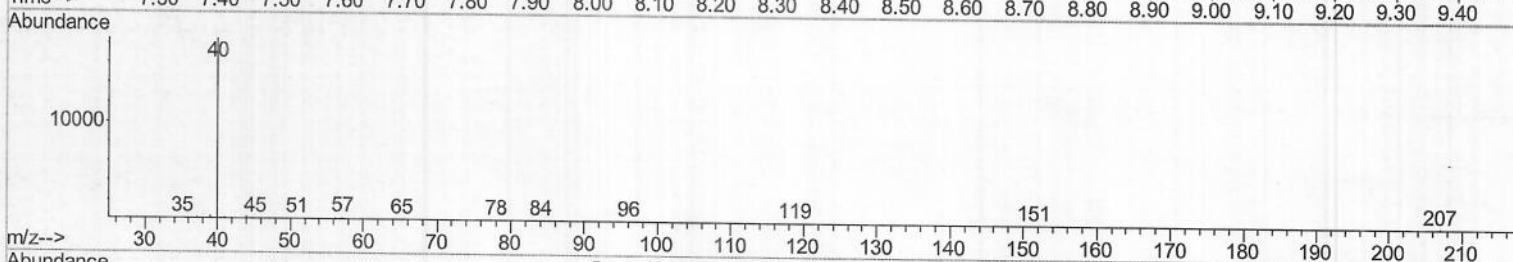
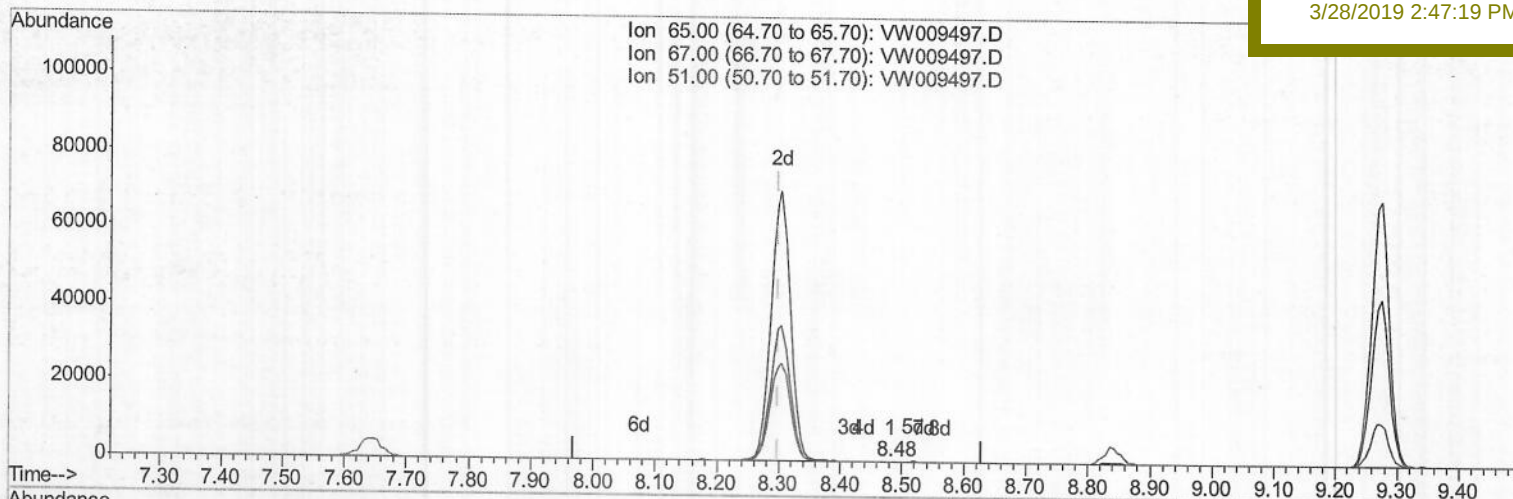
VHBLK01

Manual Integrations

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TIC: VW009497.D

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

8.482min (+0.183) 0.01ug/L

response 49

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	51.02
51.00	97.70	81.63
0.00	0.00	0.00

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Misc : 5.05G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis

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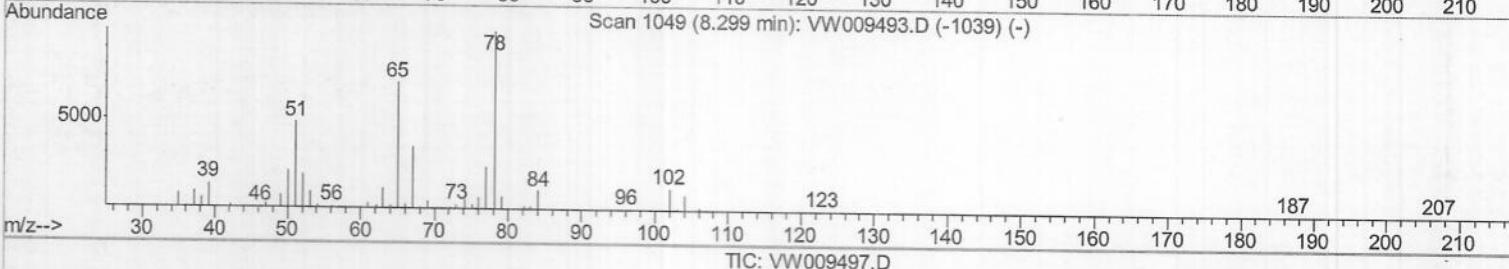
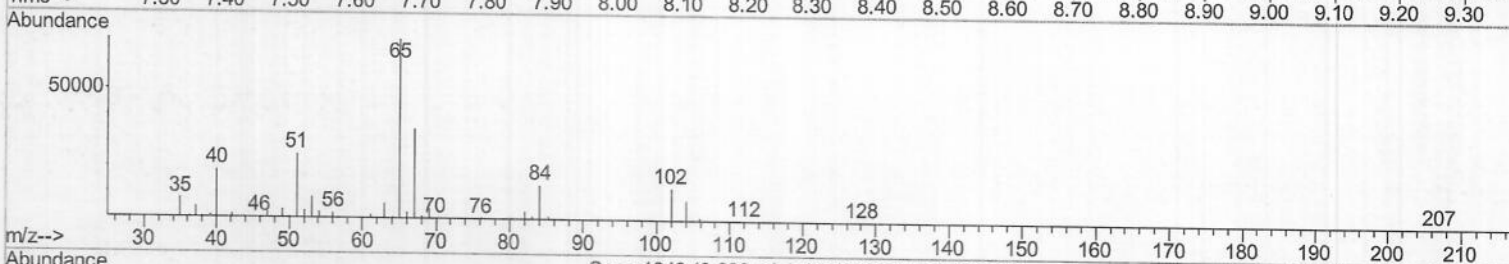
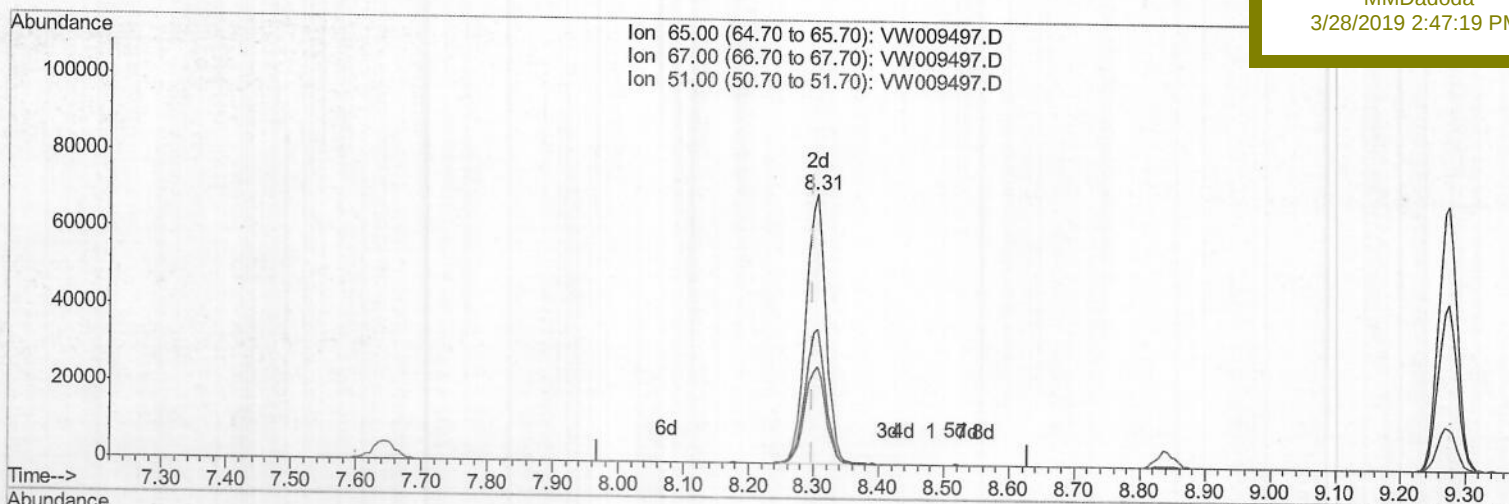
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

VHBLK01

Manual Integrations
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3/28/2019 2:47:19 PM

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

8.305min (+0.006) 27.08ug/L m

response 150119

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.02#
51.00	97.70	0.03#
0.00	0.00	0.00

04/02/19
SY

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 Data File : VW009497.D
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 Operator : SY/VA
 Sample : K2017-10
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VHBLK01

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337240	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321813	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144954	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98044	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
7) Chloroethane-d5	2.89	69	109422	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	4.01	63	169837m	19.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.00%
20) 2-Butanone-d5	7.07	46	111107	66.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.34%
24) Chloroform-d	7.64	84	239643	26.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	8.31	65	150119m	27.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.32%
29) Benzene-d6	8.27	84	446452	25.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.64%
33) 1,2-Dichloropropane-d6	9.27	67	137763	25.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.36%
37) Toluene-d8	10.32	98	403949	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.48%
38) trans-1,3-Dichloropropene-	10.58	79	61096	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.28%
39) 2-Hexanone-d5	10.93	63	74750	57.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141944	27.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	150582	27.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.36%

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Target Compounds

13) Acetone	4.13	43	4590m	3.358	ug/L	Ovalue
16) Methylene chloride	4.92	84	13305m	2.705	ug/L	

04/02/19
 Sy

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