

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\

Data File : VW009746.D

Acq On : 06 Apr 2019 00:14

Operator : SY/VA

Sample : VW0406SBL01

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 05:48:57 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Sat Apr 06 05:36:42 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

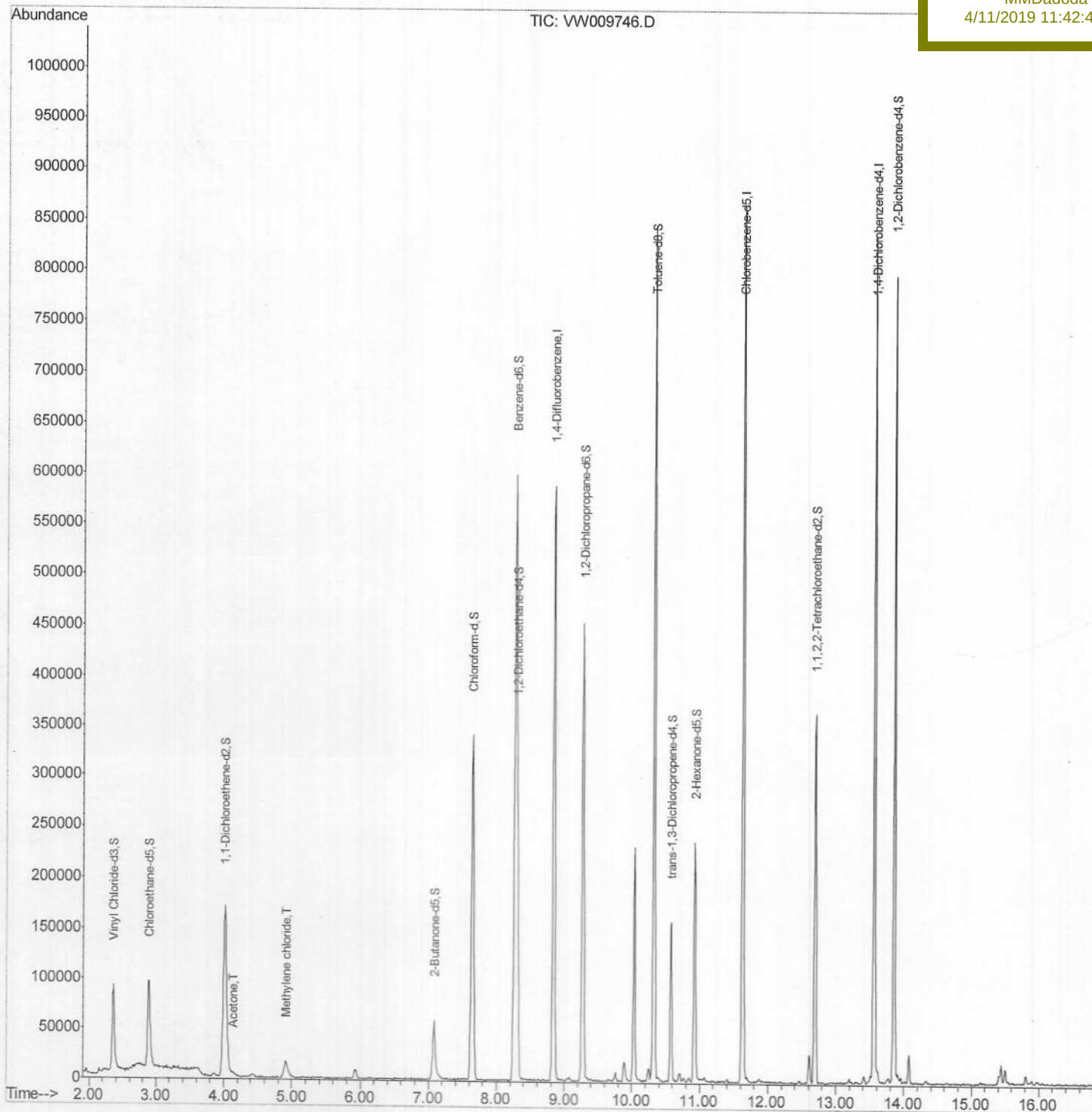
VBLK24

Manual Integrations

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MMDadoda

4/11/2019 11:42:46 AM



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Sample : VW0406SBL01

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

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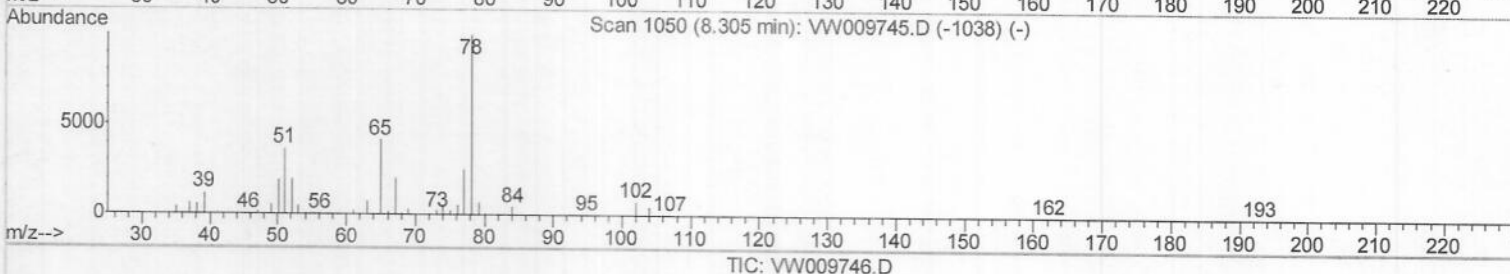
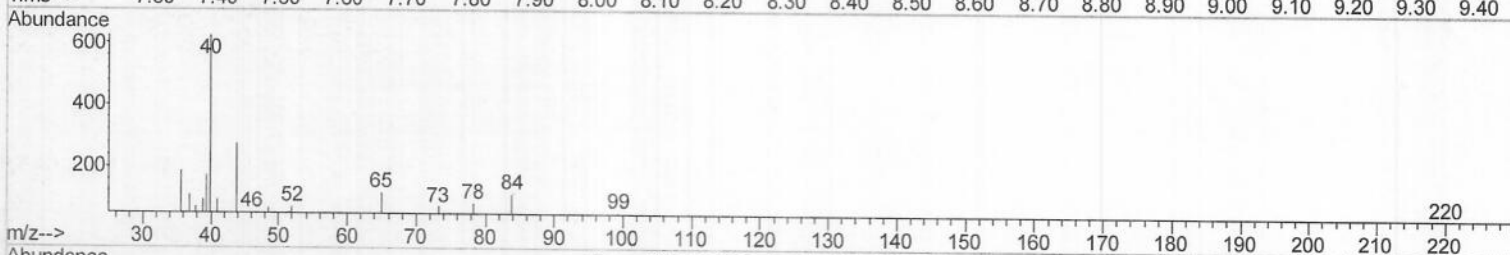
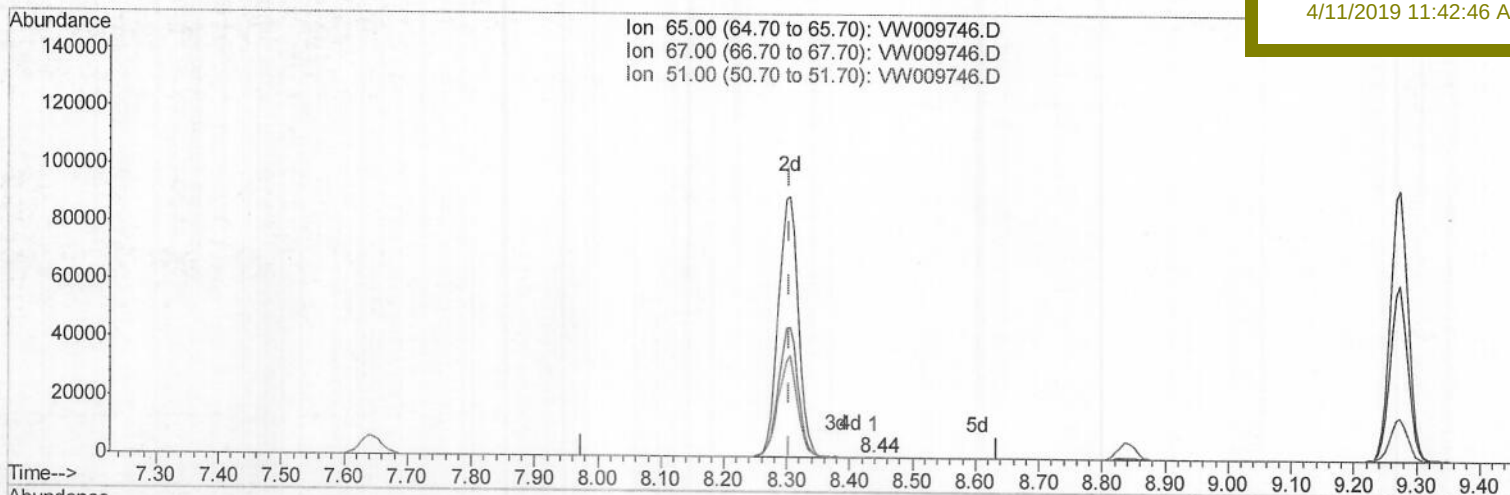
VBLK24

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4/11/2019 11:42:46 AM



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

8.439min (+0.134) 0.02ug/L

response 150

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	49.33
51.00	109.90	88.00
0.00	0.00	0.00

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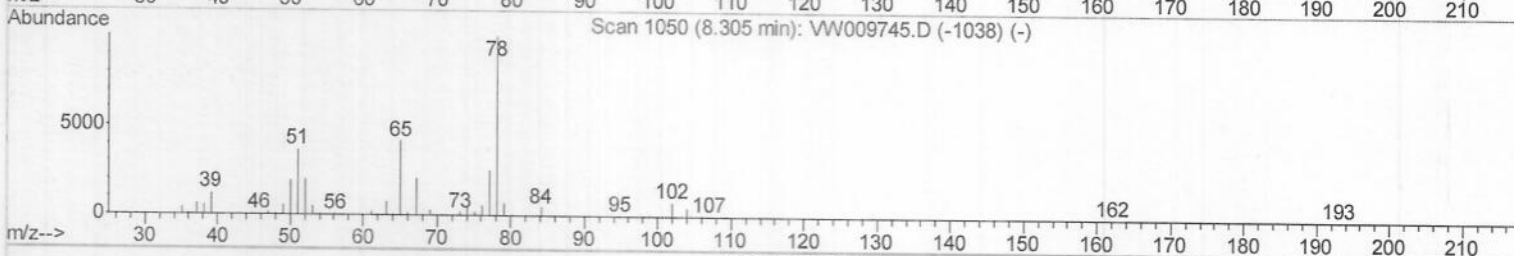
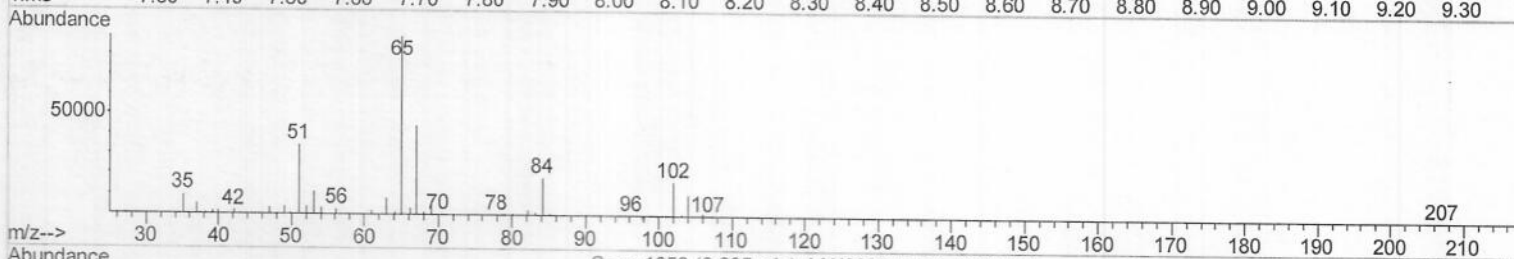
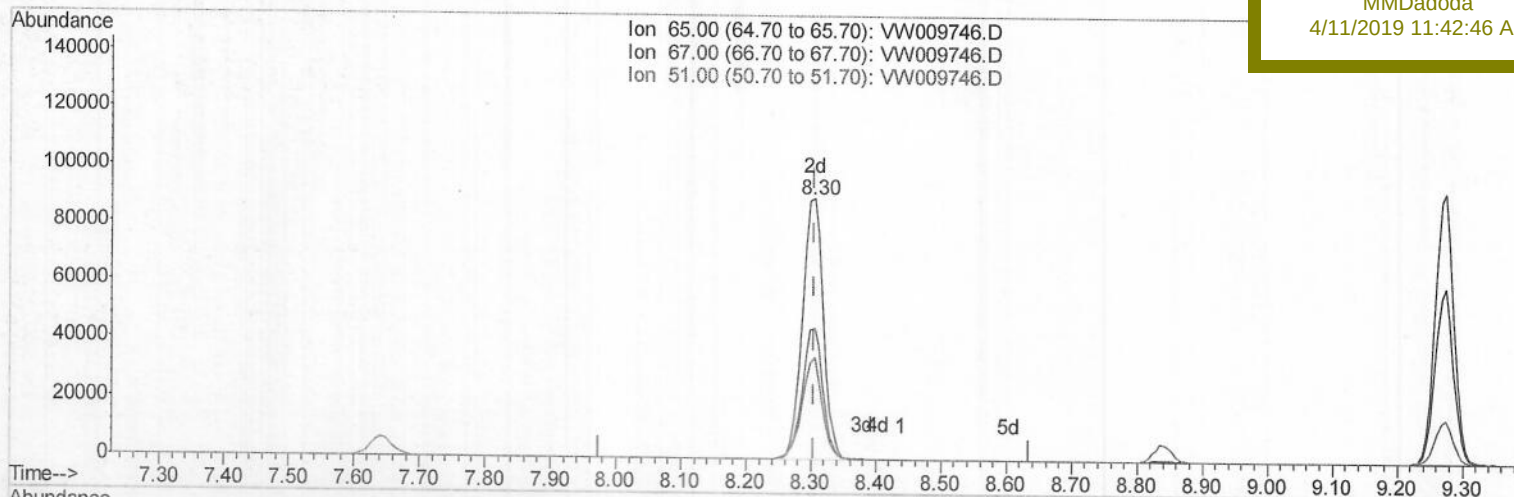
VBLK24

Manual Integrations

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MMDadoda

4/11/2019 11:42:46 AM



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

8.305min (+0.000) 26.41ug/L m

response 198911

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.04#
51.00	109.90	0.07#
0.00	0.00	0.00

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Operator : SY/VA

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Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 05:39:18 2019

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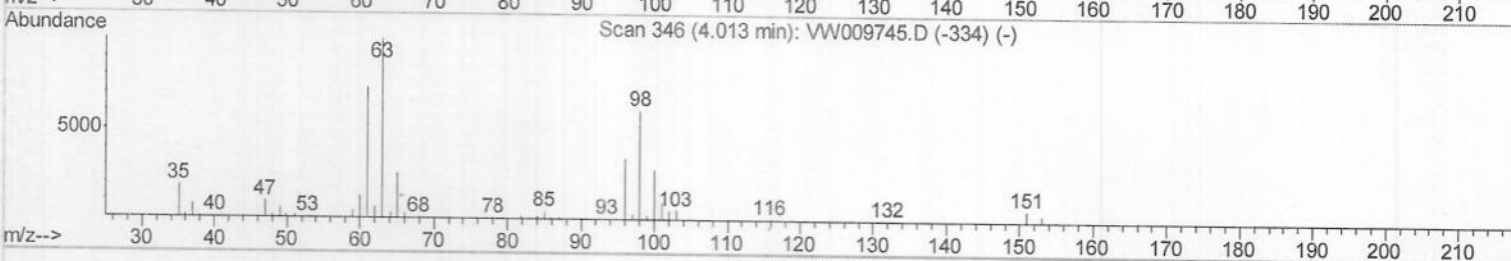
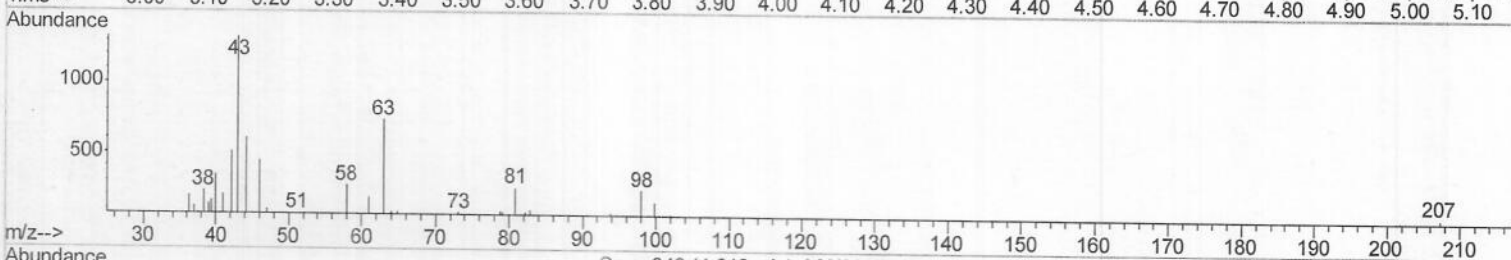
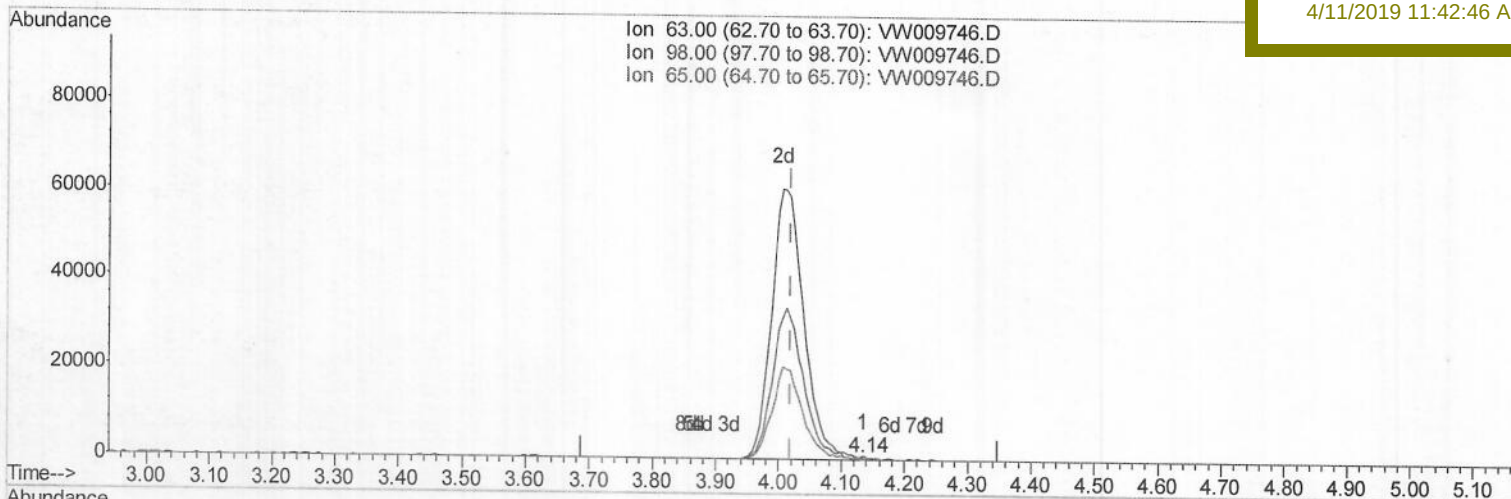
VLBK24

Manual Integrations

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MMDadoda

4/11/2019 11:42:46 AM



TIC: VW009746.D

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

4.135min (+0.116) 0.06ug/L

response 748

Ion	Exp%	Act%
63.00	100	100
98.00	69.10	61.23
65.00	21.80	17.11
0.00	0.00	0.00

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Instrument :

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ClientSampleId :

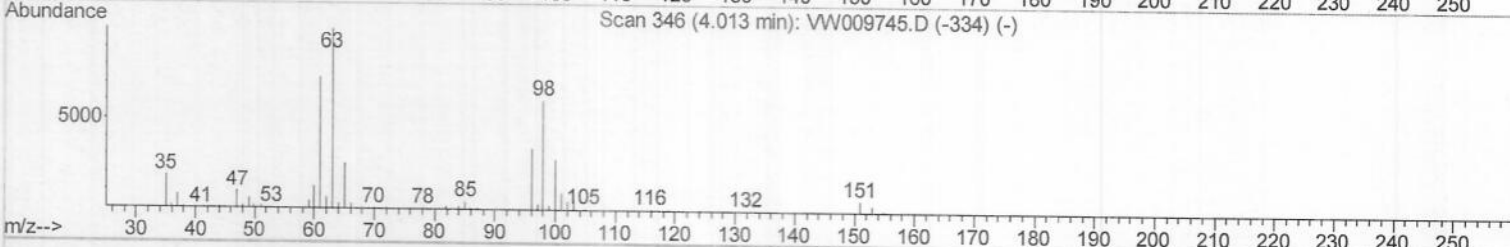
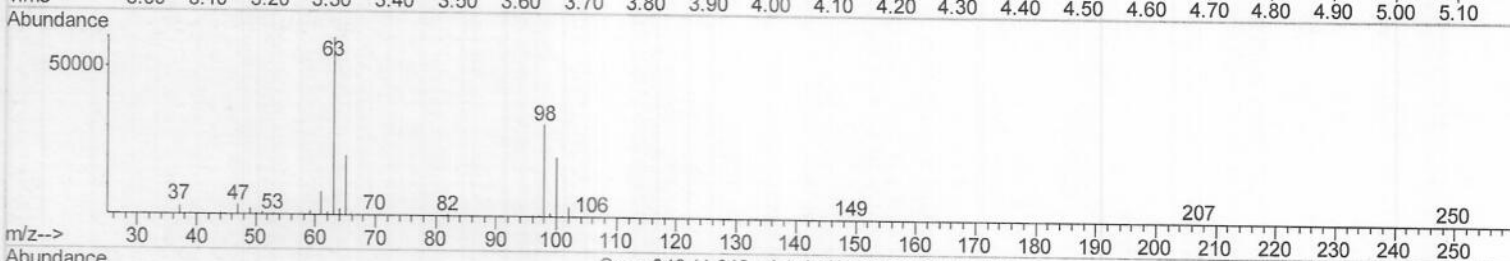
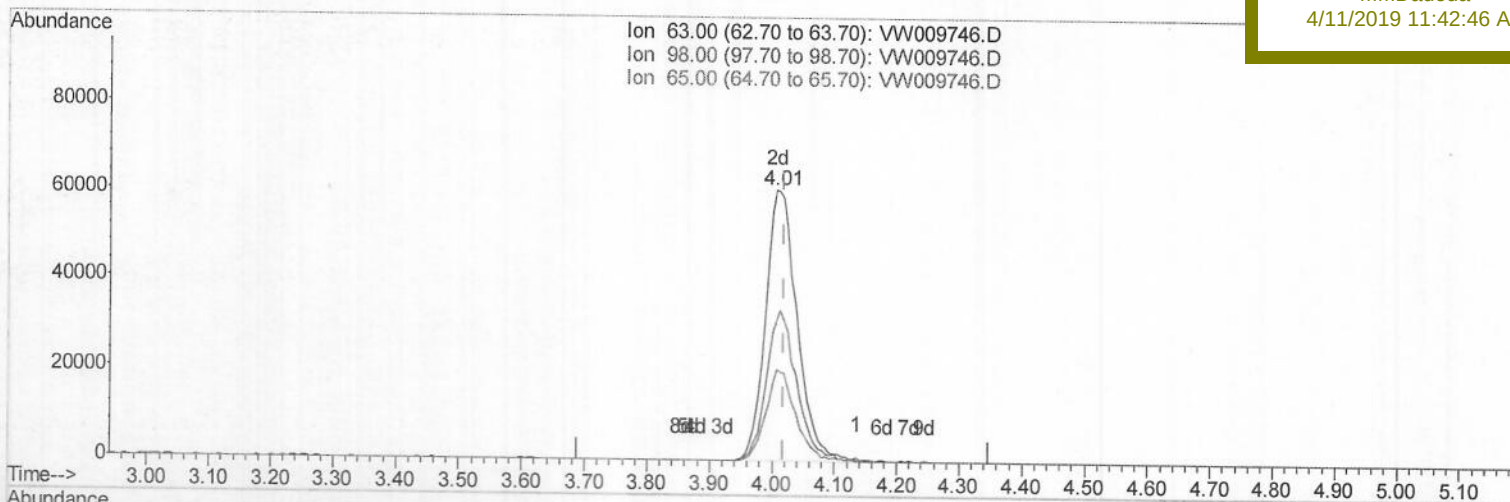
VBLK24

Manual Integrations

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4/11/2019 11:42:46 AM



TIC: VW009746.D

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

4.007min (-0.012) 16.99ug/L m

response 215003

Ion Exp% Act%

63.00 100 100

98.00 69.10 0.21#

65.00 21.80 0.06#

0.00 0.00 0.00

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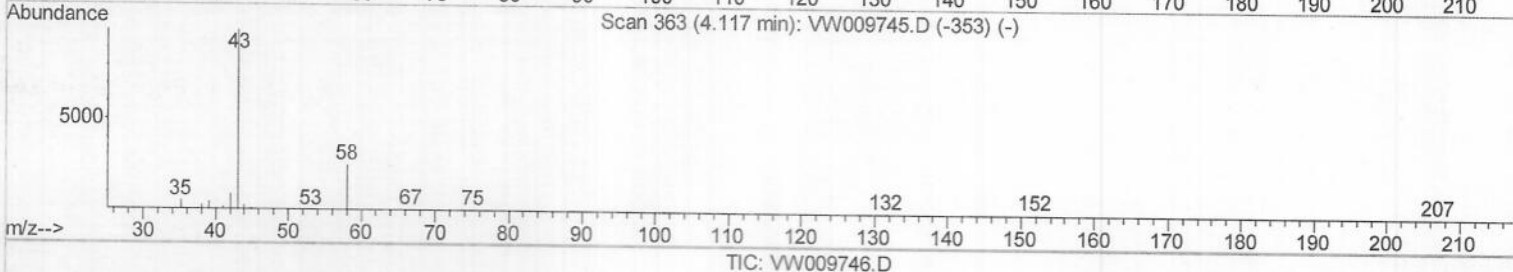
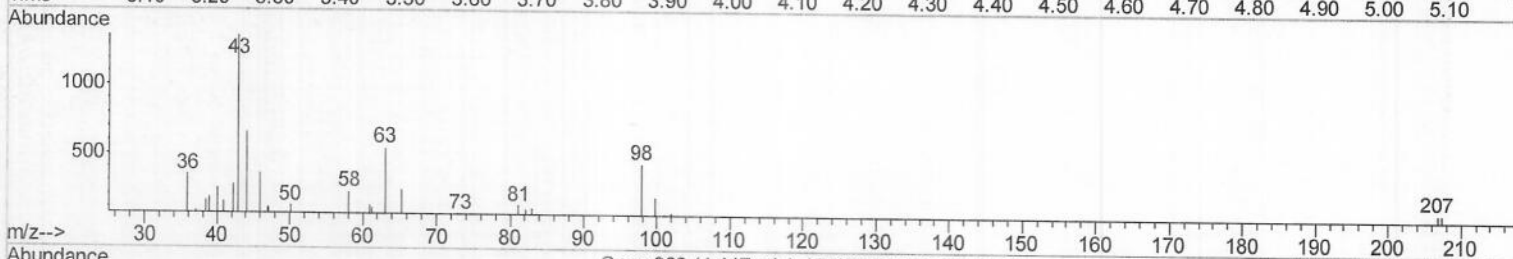
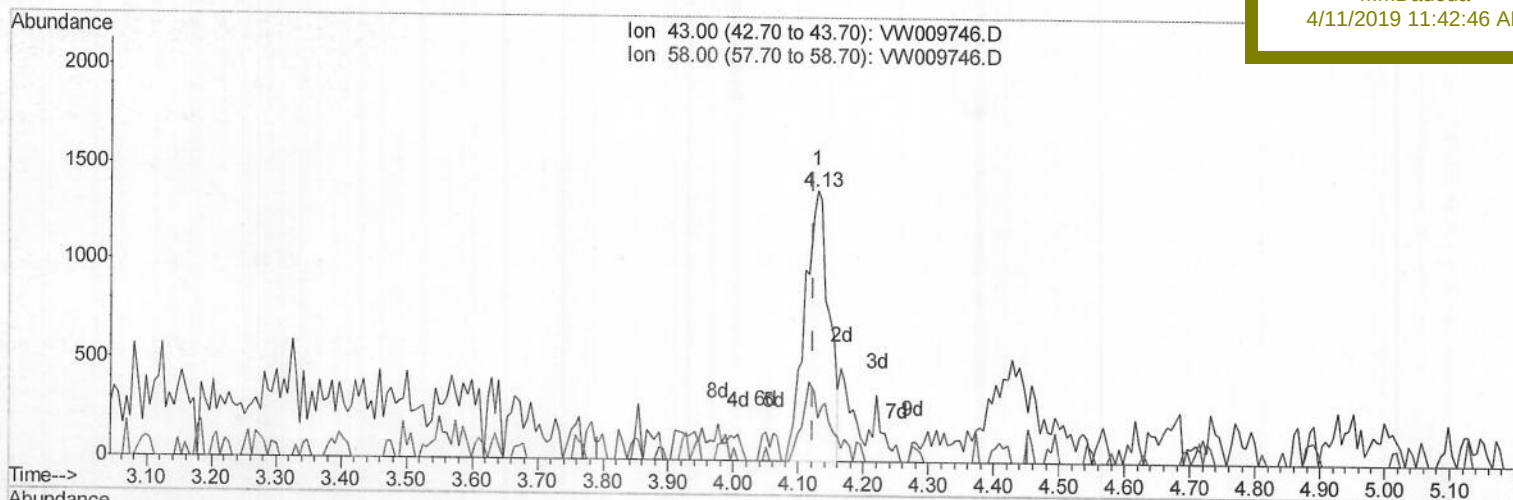
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

VBLK24

Manual Integrations
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4/11/2019 11:42:46 AM

(13) Acetone (T)

4.129min (+0.006) 1.72ug/L

response 3519

Ion	Exp%	Act%
43.00	100	100
58.00	26.50	16.79
0.00	0.00	0.00
0.00	0.00	0.00

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Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

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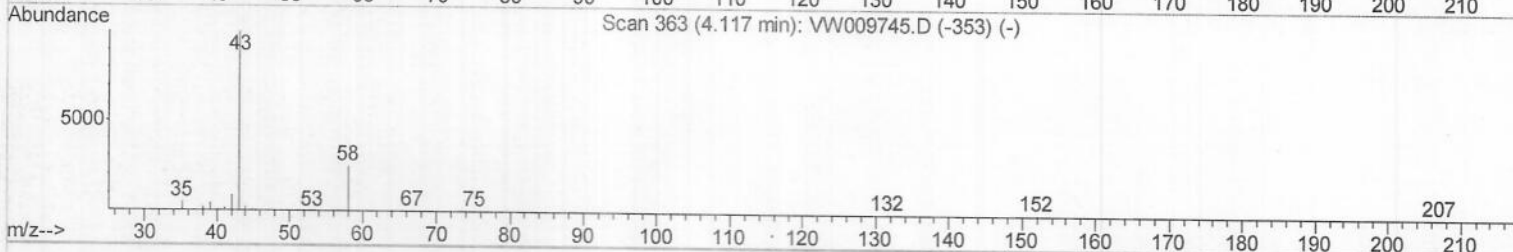
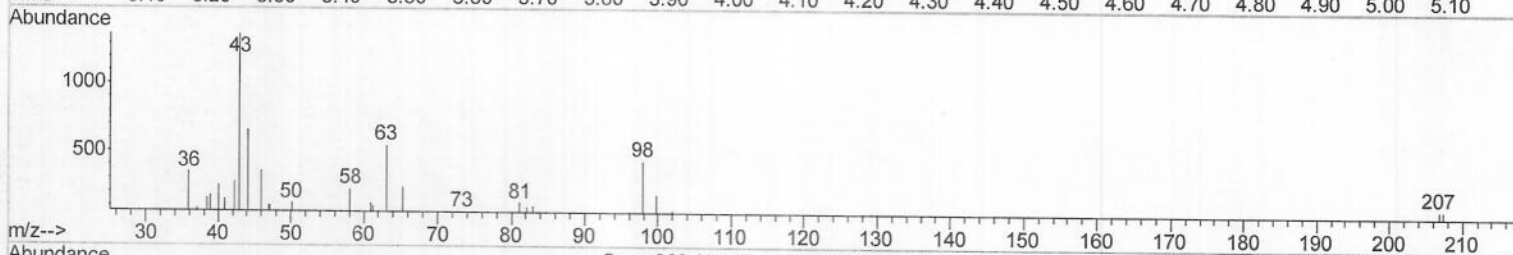
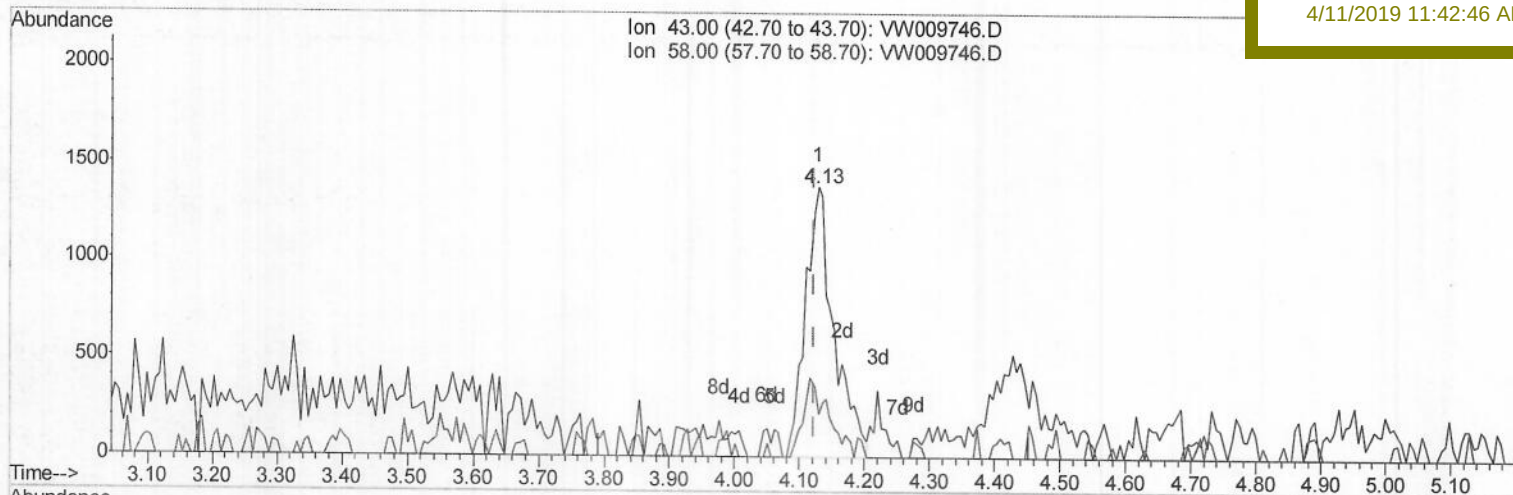
Client Sampled :

VBLK24

Manual Integrations
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4/11/2019 11:42:46 AM



TIC: VW009746.D

(13) Acetone (T)

4.129min (+0.006) 2.04ug/L m

response 4167

Ion	Exp%	Act%
43.00	100	100
58.00	26.50	14.18
0.00	0.00	0.00
0.00	0.00	0.00

M.D
4/11/19

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Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

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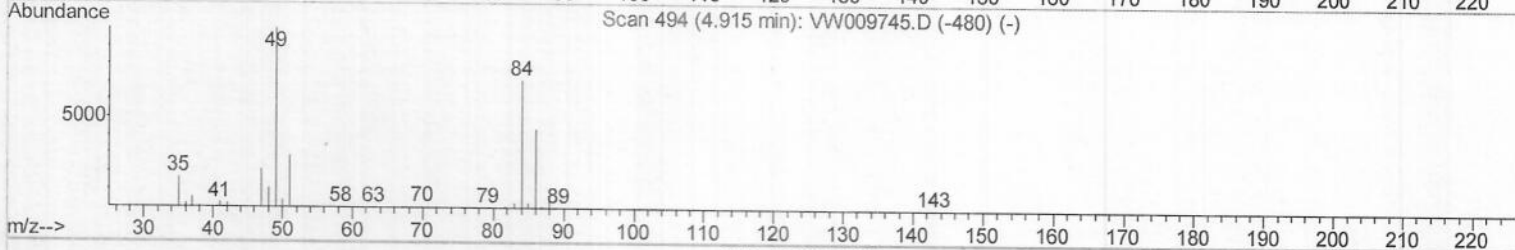
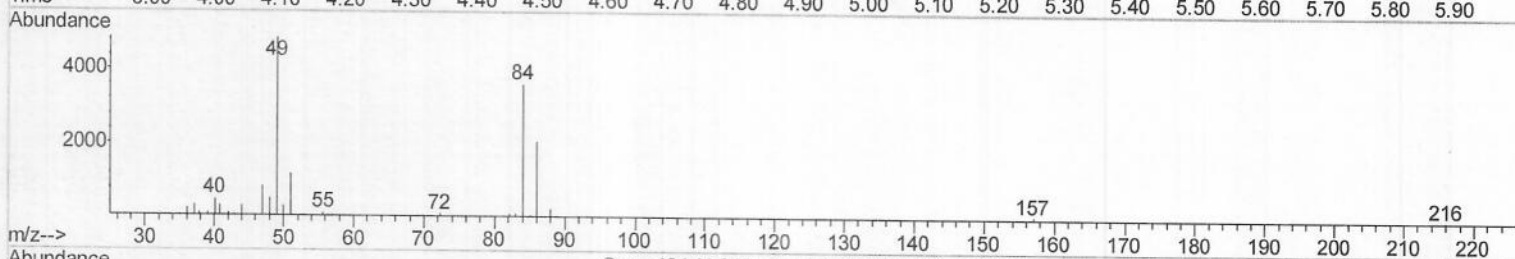
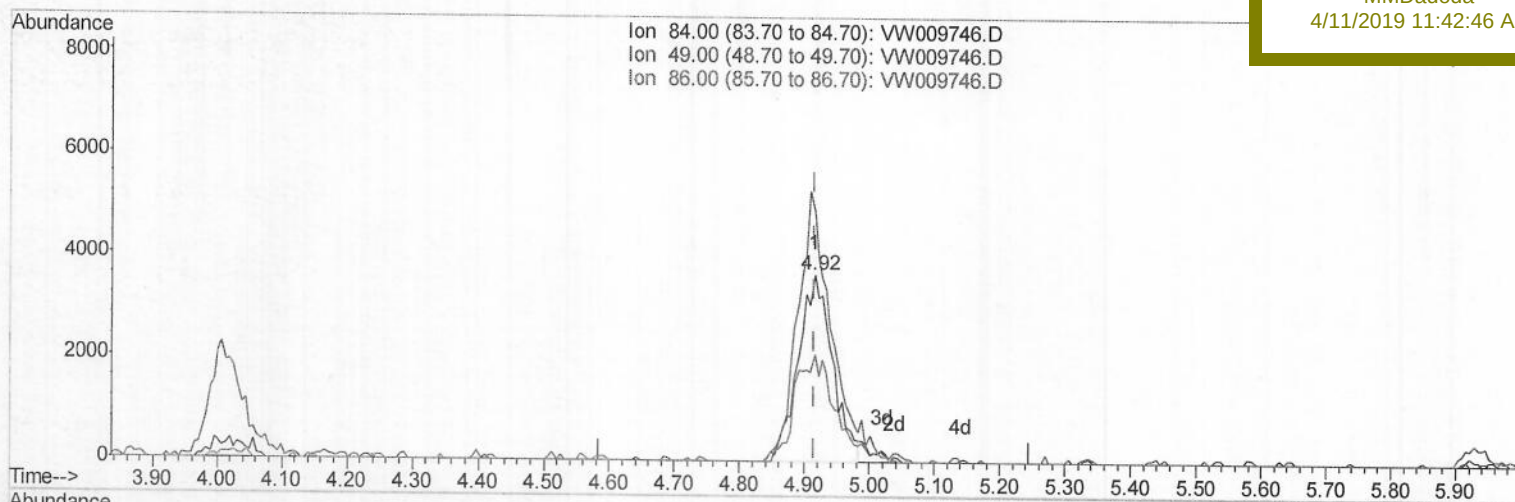
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MSVOA_W

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VBLK24

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APPROVEDMMDadoda
4/11/2019 11:42:46 AM

TIC: VW009746.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.68ug/L

response 13324

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	134.10
86.00	66.30	57.16
0.00	0.00	0.00

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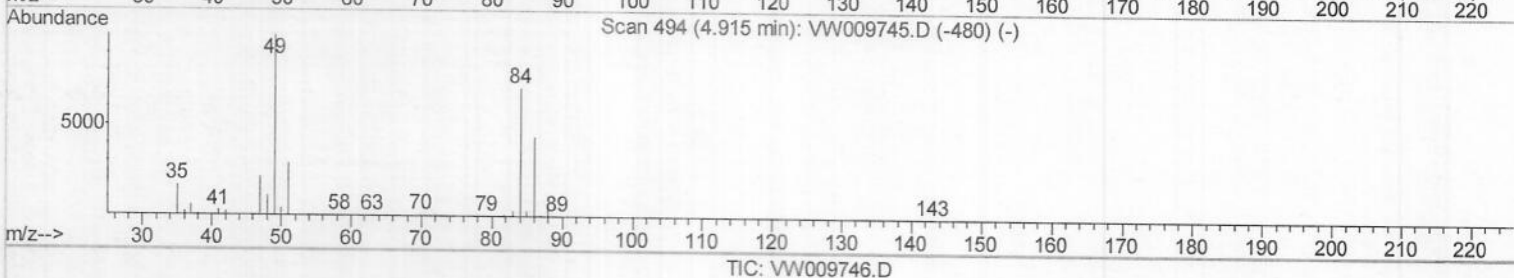
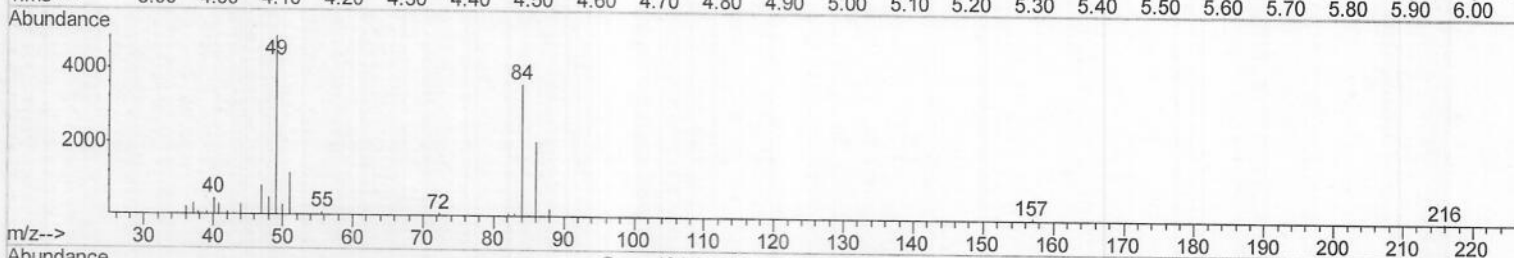
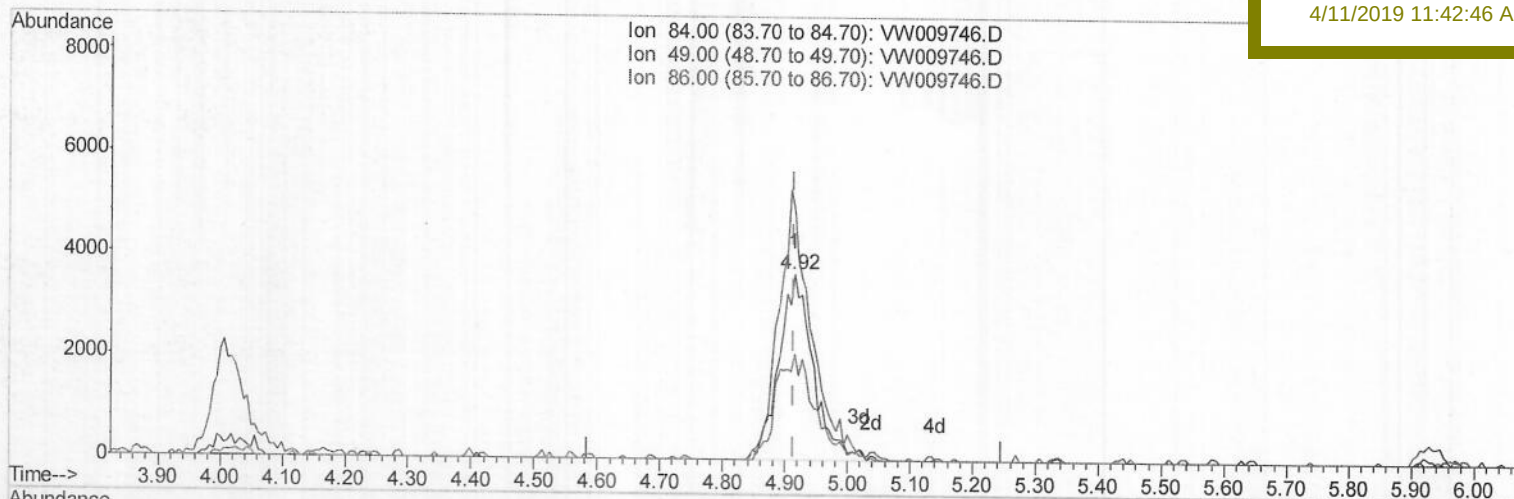
VBLK24

Manual Integrations

APPROVED

MMDadoda

4/11/2019 11:42:46 AM



(16) Methylene chloride (T)

4.915min (+0.000) 1.76ug/L m

response 13965

Ion Exp% Act%

84.00 100 100

49.00 140.40 134.10

86.00 66.30 57.16

0.00 0.00 0.00

M.D
4/11/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	449630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	447317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197327	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120788	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
7) Chloroethane-d5	2.89	69	121881	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.01	63	215003m	16.99	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.96%
20) 2-Butanone-d5	7.07	46	101122	52.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.86%
24) Chloroform-d	7.64	84	314251	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.30	65	198911m	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.64%
29) Benzene-d6	8.27	84	576454	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	9.27	67	182985	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.92%
37) Toluene-d8	10.32	98	519473	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	10.58	79	79616	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.93	63	71341	52.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162316	24.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	188701	27.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.00%

Target Compounds

13) Acetone	4.13	43	4167m	2.036	ug/L	Qvalue
16) Methylene chloride	4.92	84	13965m	1.761	ug/L	

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