

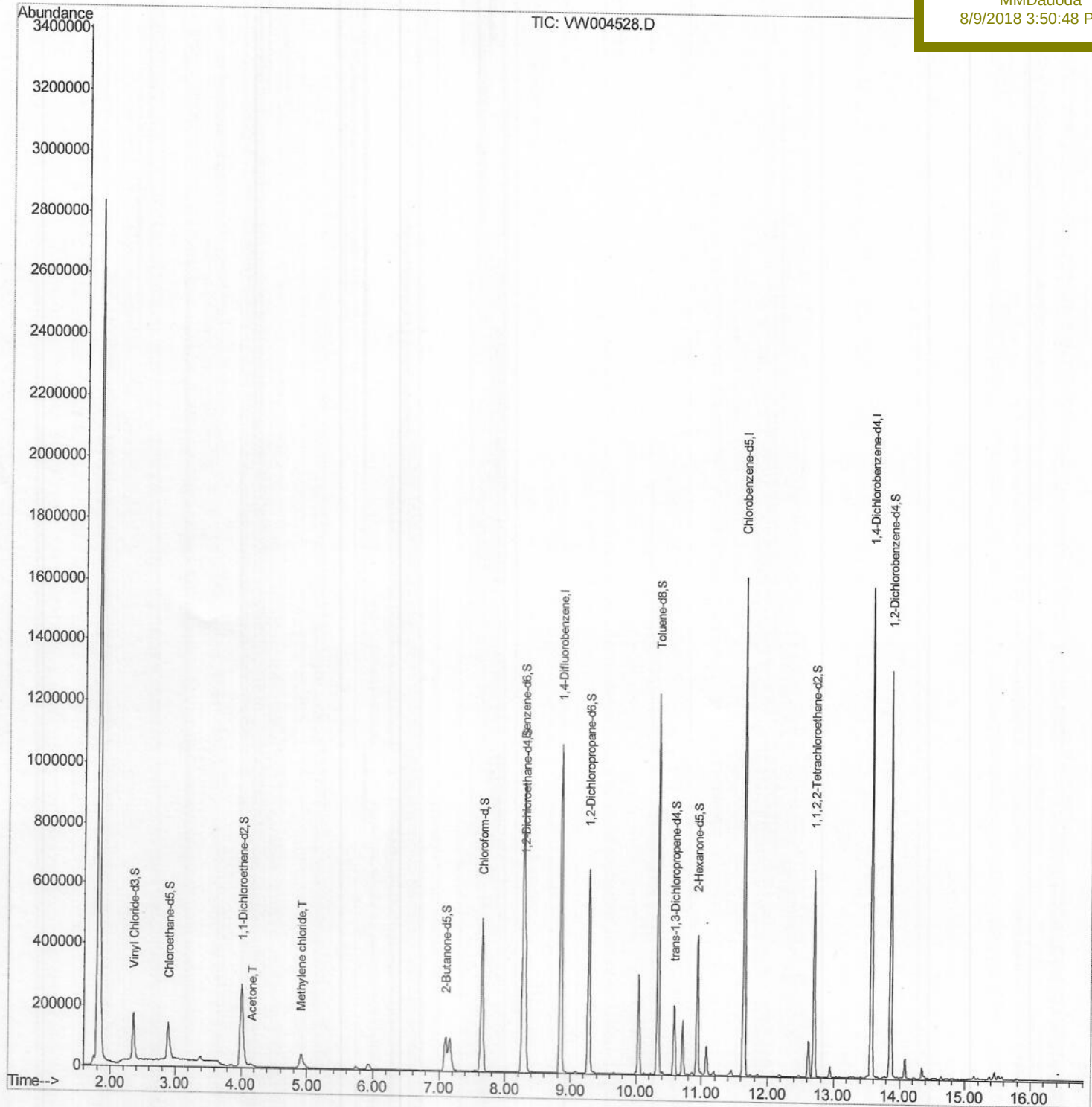
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080918\
Data File : VW004528.D
Acq On : 08 Aug 2018 12:07
Operator : SY/AP
Sample : VW0809SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 02:18:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 09 02:02:27 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
VBLK98

Manual Integrations
APPROVED

MMDadoda
8/9/2018 3:50:48 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080918\

Data File : VW004528.D

Acq On : 08 Aug 2018 12:07

Operator : SY/AP

Sample : VW0809SBL01

Misc : 5.00G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 02:03:24 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M

Quant Title : VOC Analysis

QLast Update : Thu Aug 09 02:02:27 2018

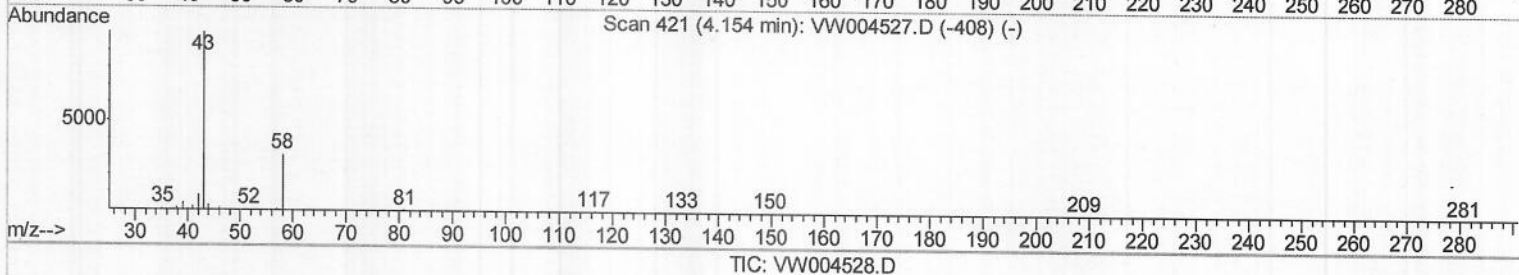
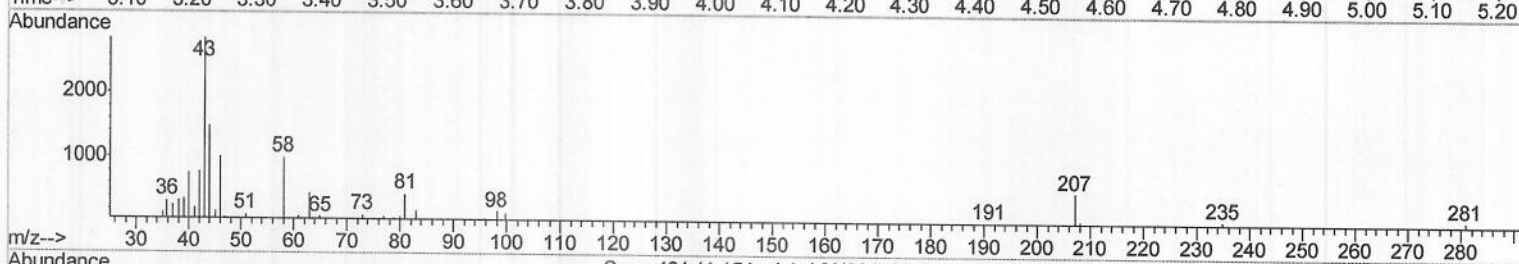
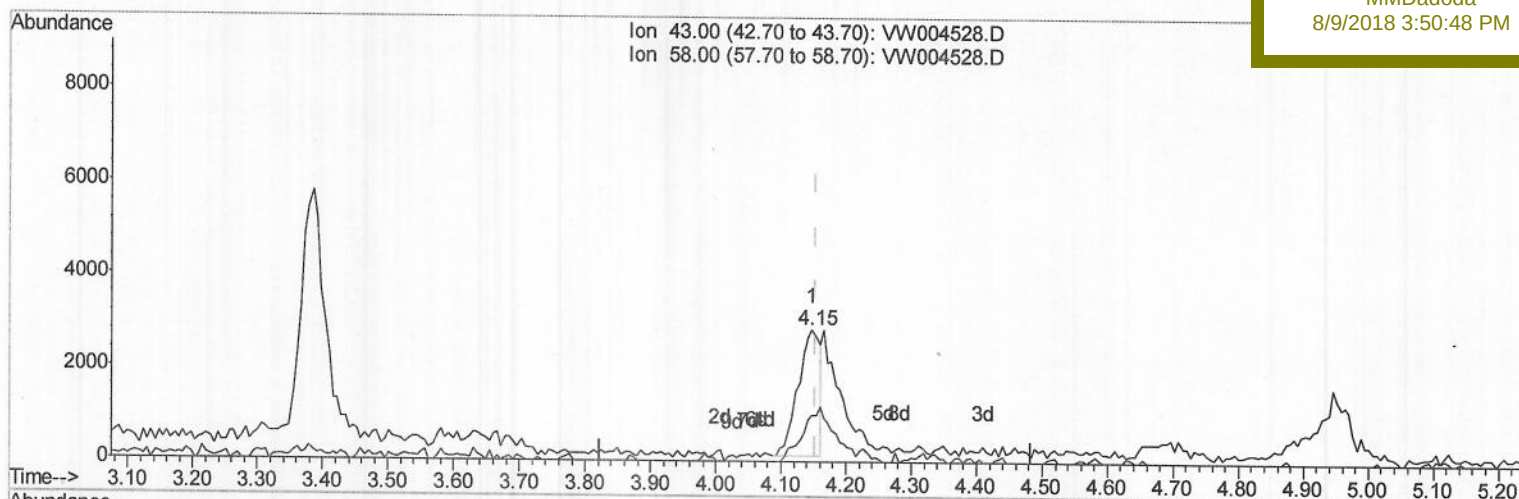
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VBLK98

Manual Integrations
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(13) Acetone (T)

4.148min (-0.006) 1.46ug/L

response 6293

Ion	Exp%	Act%
43.00	100	100
58.00	33.20	63.50
0.00	0.00	0.00
0.00	0.00	0.00

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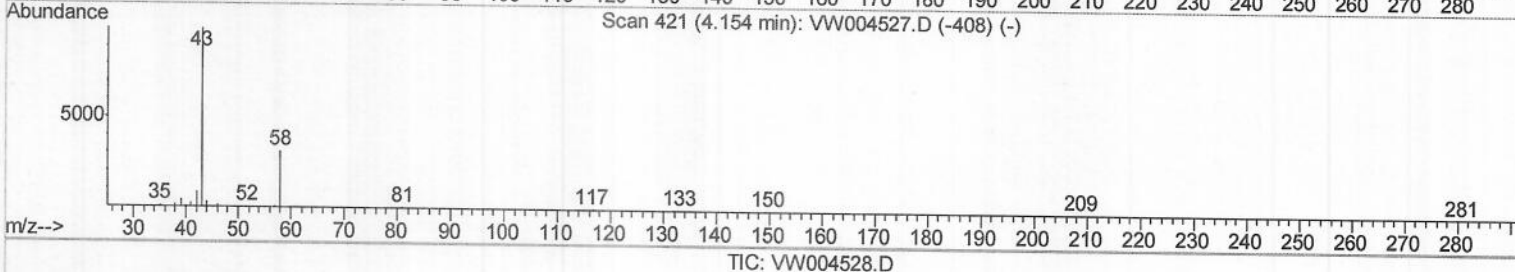
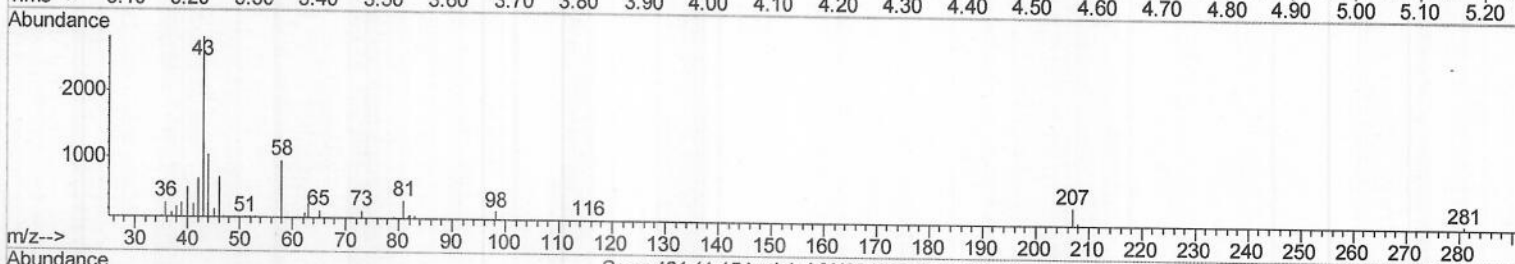
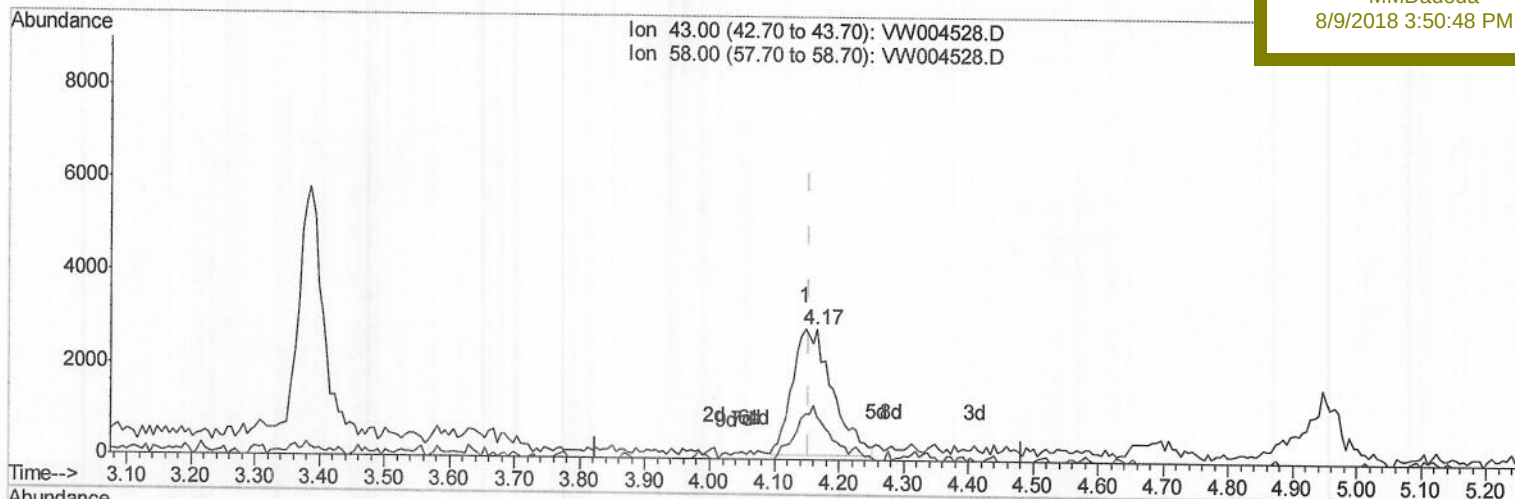
Client Sampled :

VBLK98

Manual Integrations
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(13) Acetone (T)

4.166min (+0.012) 2.79ug/L m

response 12021

Ion	Exp%	Act%
43.00	100	100
58.00	33.20	33.24
0.00	0.00	0.00
0.00	0.00	0.00

M.D
08/18/18

Quantitation Report (Qedit)

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Data File : VW004528.D

Acq On : 08 Aug 2018 12:07

Operator : SY/AP

Sample : VW0809SBL01

Misc : 5.00G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 02:03:24 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M

Quant Title : VOC Analysis

QLast Update : Thu Aug 09 02:02:27 2018

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Instrument :

MSVOA_W

ClientSampled :

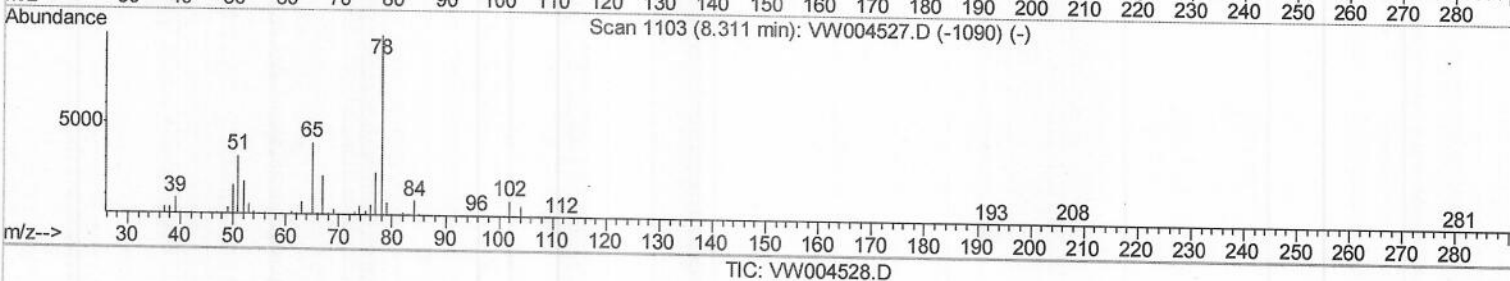
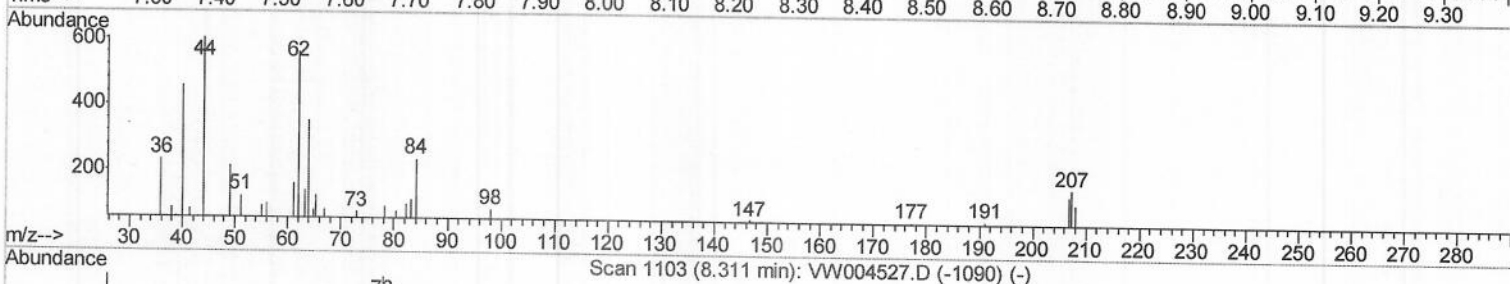
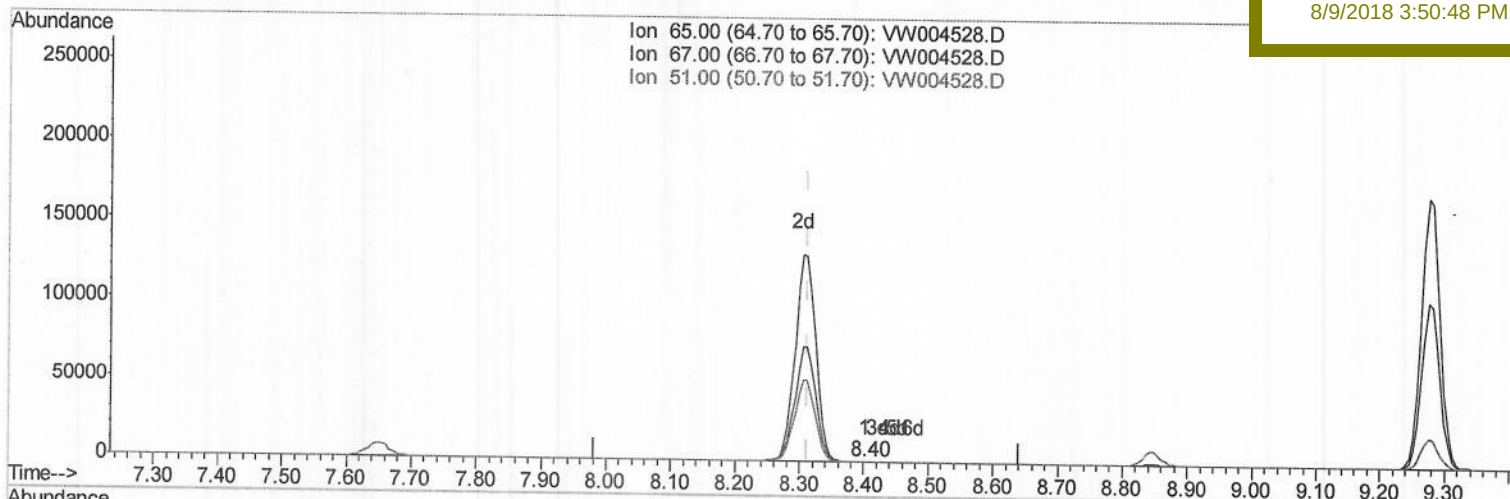
VBLK98

Manual Integrations

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8/9/2018 3:50:48 PM



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

8.403min (+0.092) 0.01ug/L

response 177

Ion	Exp%	Act%
65.00	100	100
67.00	55.10	41.24
51.00	107.50	115.25
0.00	0.00	0.00

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Operator : SY/AP

Sample : VW0809SBL01

Misc : 5.00G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 02:03:24 2018

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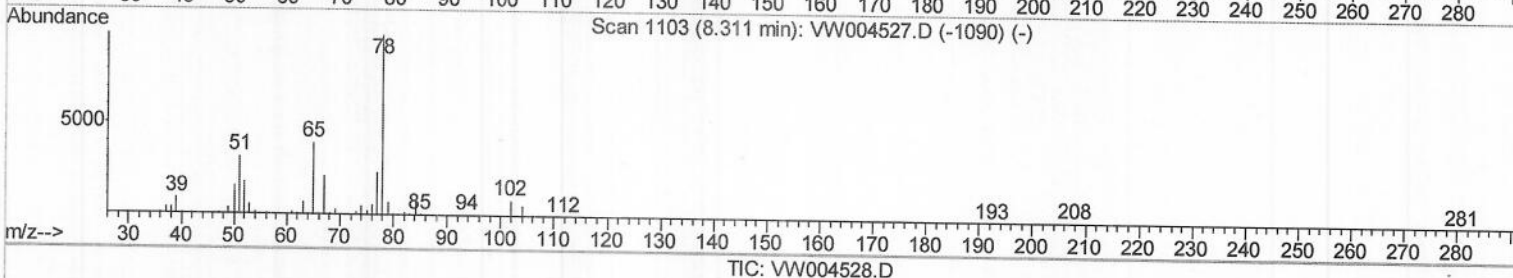
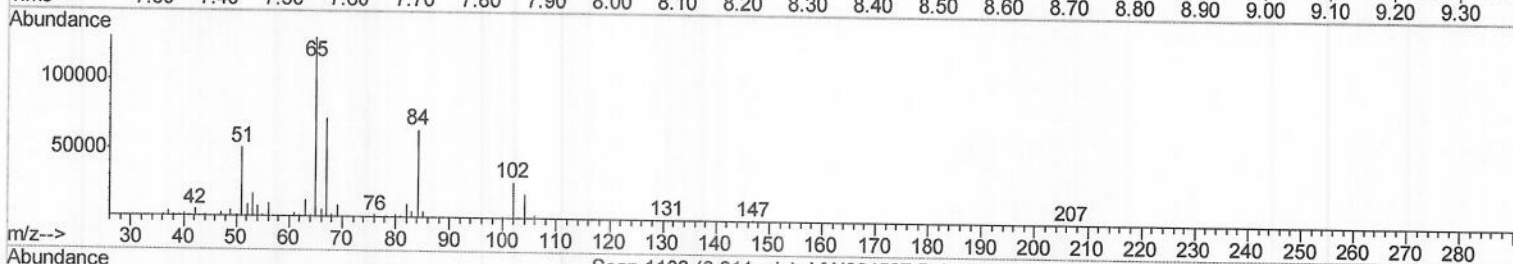
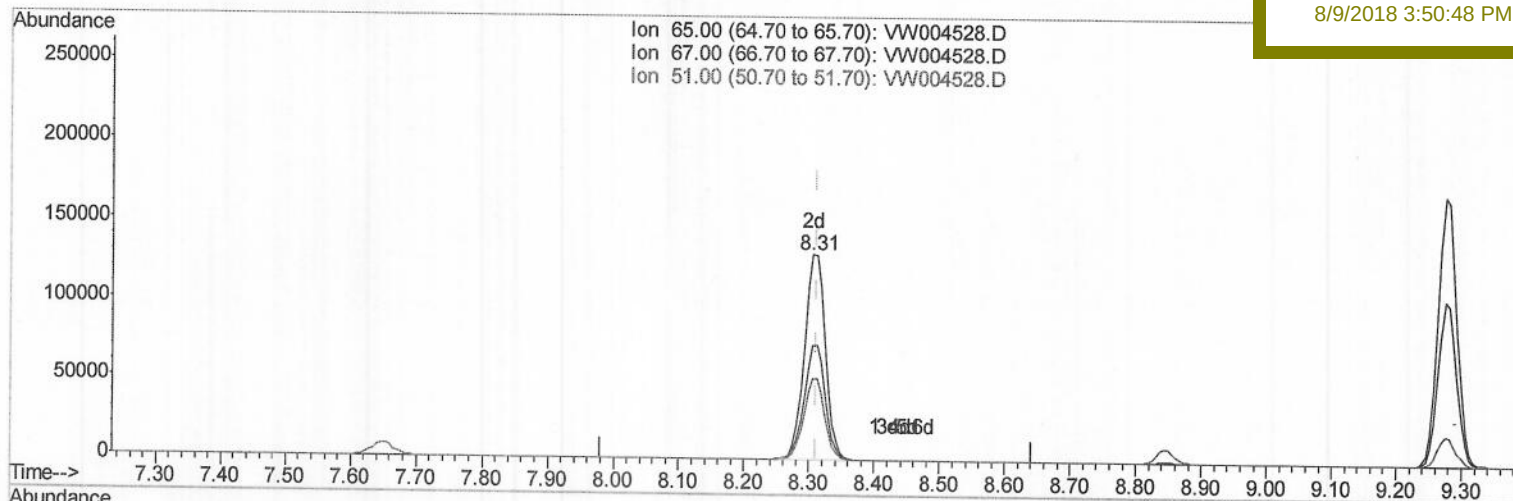
Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

VBLK98

Manual Integrations
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8/9/2018 3:50:48 PM

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

8.305min (-0.006) 21.18ug/L m

response 290138

Ion	Exp%	Act%
65.00	100	100
67.00	55.10	0.03#
51.00	107.50	0.07#
0.00	0.00	0.00

M.D.
08/16/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080918\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	907576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	926917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	422730	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	214999	19.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.20%		
7) Chloroethane-d5	2.89	69	189377	19.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.76%		
10) 1,1-Dichloroethene-d2	4.01	63	332240	14.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.96%		
20) 2-Butanone-d5	7.10	46	200725	40.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.66%		
24) Chloroform-d	7.65	84	522818	21.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.12%		
26) 1,2-Dichloroethane-d4	8.31	65	290138m	21.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.72%		
29) Benzene-d6	8.27	84	977077	19.81	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.24%		
33) 1,2-Dichloropropane-d6	9.27	67	337313	20.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.72%		
37) Toluene-d8	10.33	98	841803	19.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.44%		
38) trans-1,3-Dichloropropene-	10.58	79	127704	19.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.08%		
39) 2-Hexanone-d5	10.93	63	148414	37.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.66%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	348444	19.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.76%		
61) 1,2-Dichlorobenzene-d4	13.86	152	361887	22.79	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.16%		

Target Compounds

13) Acetone	4.17	43	12021m	2.788	ug/L	Ovalue
16) Methylene chloride	4.91	84	41604	2.308	ug/L	98

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