

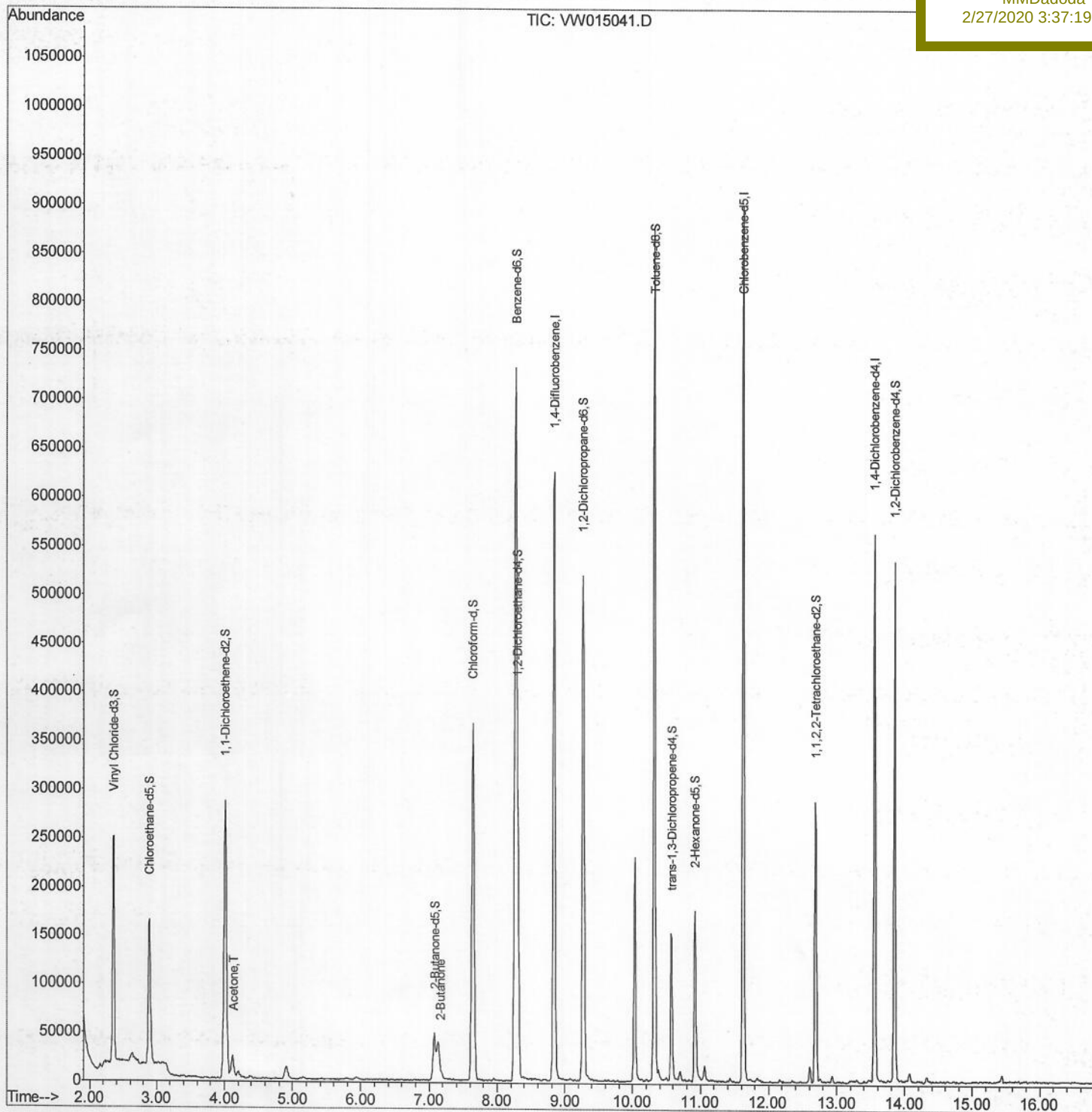
Data File : VW015041.D
Acq On : 26 Feb 2020 12:35
Operator : SY/VA
Sample : L1677-01
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 27 02:49:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
C0CC5

Manual Integrations
APPROVED

MMDadoda
2/27/2020 3:37:19 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022620\
Quantitation Report (Qedit)

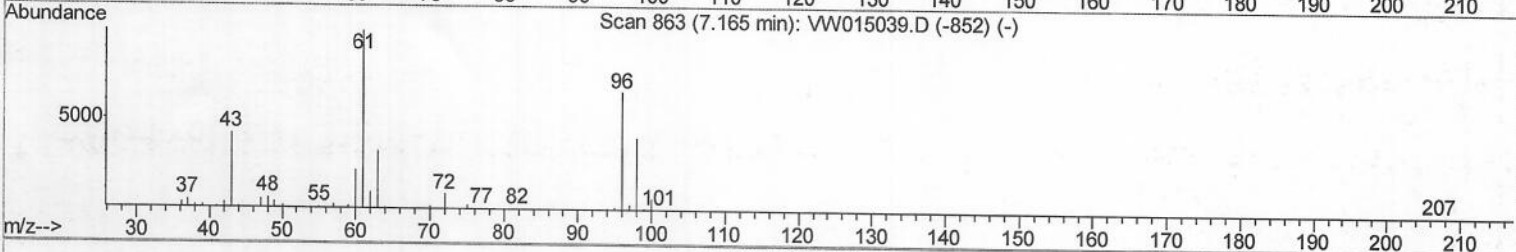
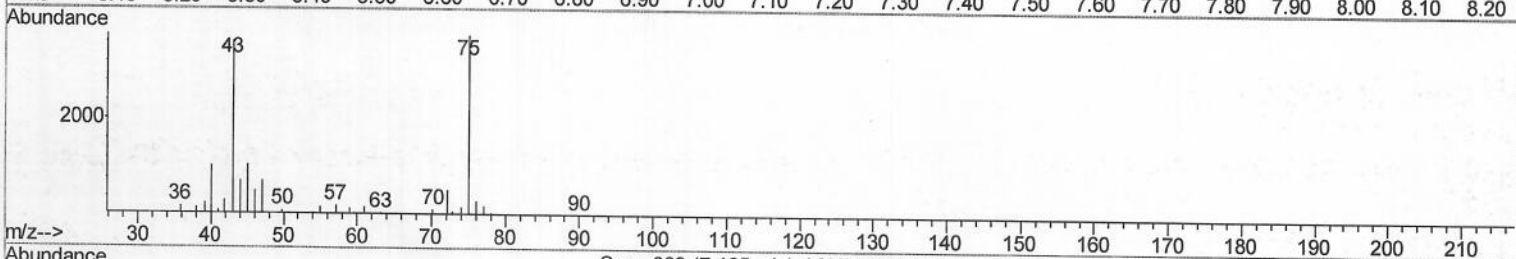
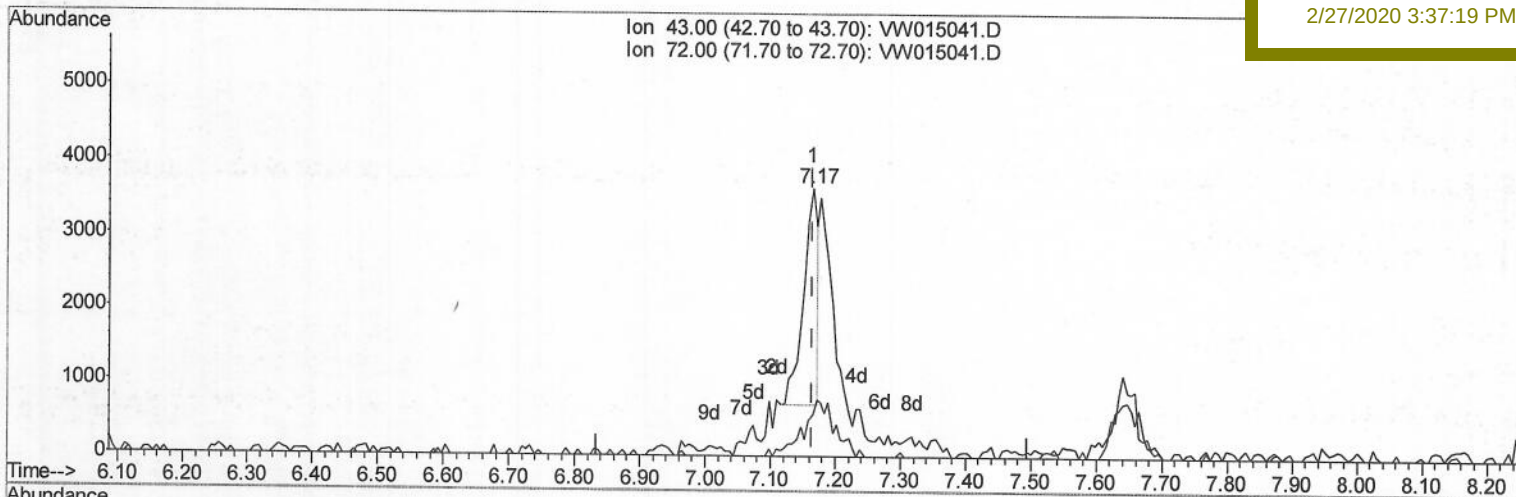
Data File : VW015041.D
Acq On : 26 Feb 2020 12:35
Operator : SY/VA
Sample : L1677-01
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 27 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0CC5

Manual Integrations
APPROVED

MMDadoda
2/27/2020 3:37:19 PM



TIC: VW015041.D

(21) 2-Butanone

7.165min (+0.000) 1.65ug/L

response 4389

Ion	Exp%	Act%
43.00	100	100
72.00	20.90	16.43
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022620\
Quantitation Report (Qedit)

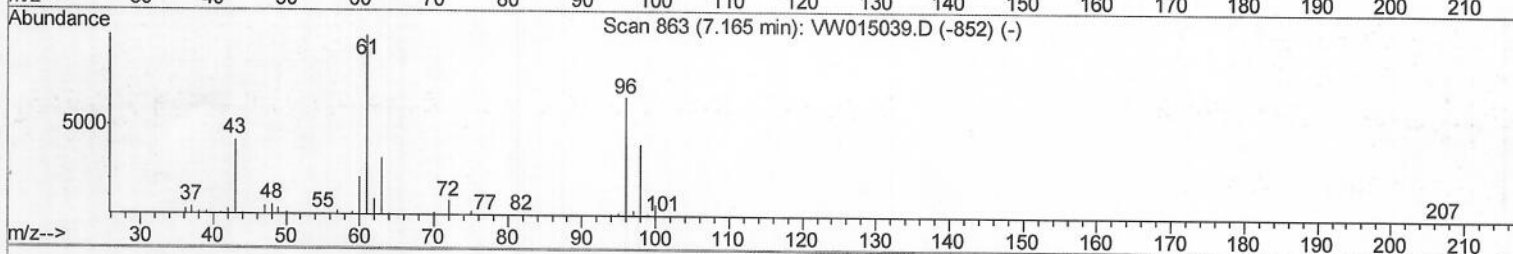
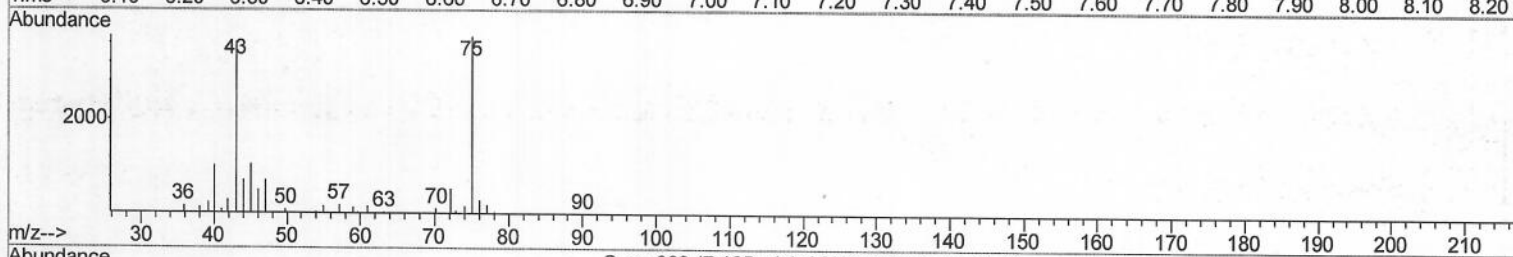
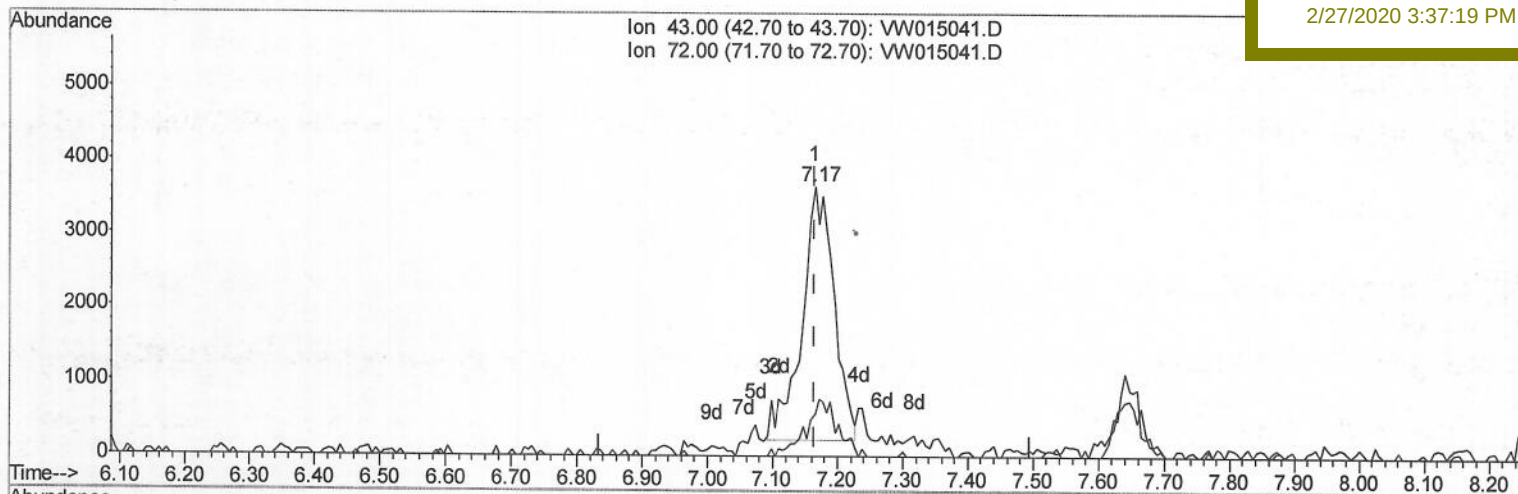
Data File : VW015041.D
Acq On : 26 Feb 2020 12:35
Operator : SY/VA
Sample : L1677-01
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 27 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
C0CC5

Manual Integrations
APPROVED

MMDadoda
2/27/2020 3:37:19 PM



TIC: VW015041.D

(21) 2-Butanone

7.165min (+0.000) 4.39ug/L m

response 11648

Ion	Exp%	Act%
43.00	100	100
72.00	20.90	6.19#
0.00	0.00	0.00
0.00	0.00	0.00

M.D
02/24/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022620\
Quantitation Report (Qedit)

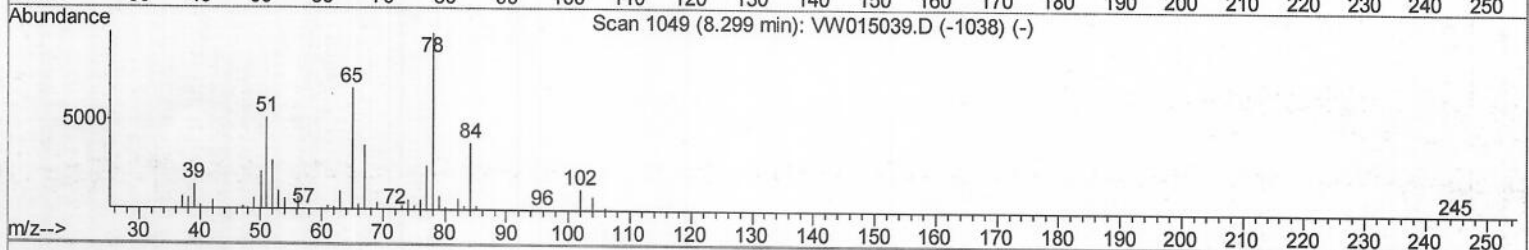
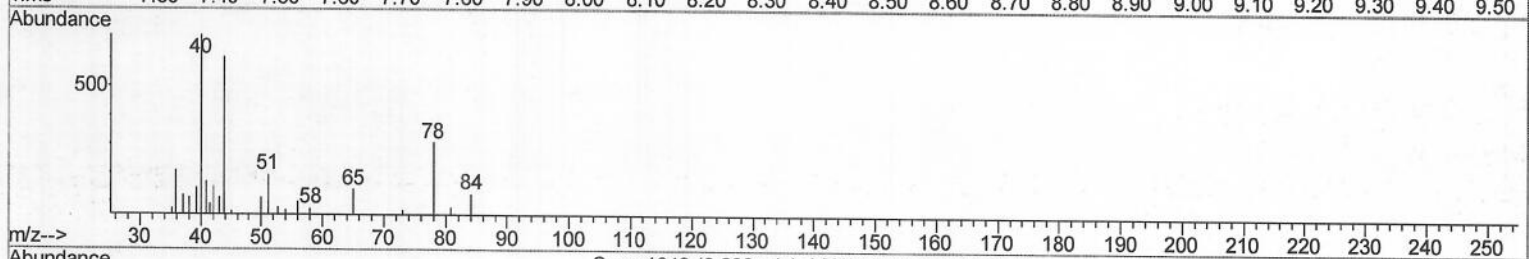
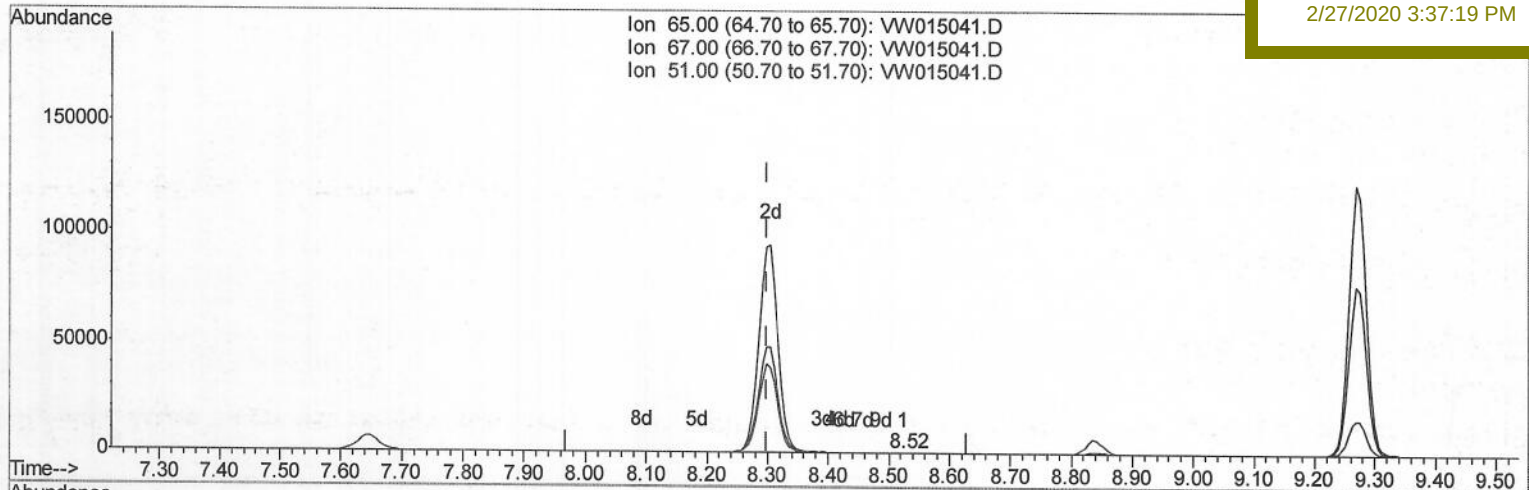
Data File : VW015041.D
Acq On : 26 Feb 2020 12:35
Operator : SY/VA
Sample : L1677-01
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 27 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
C0CC5

Manual Integrations
APPROVED

MMDadoda
2/27/2020 3:37:19 PM



TIC: VW015041.D

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

8.525min (+0.226) 0.02ug/L

response 162

Ion	Exp%	Act%
65.00	100	100
67.00	53.00	59.88
51.00	129.10	154.94
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022620\
Quantitation Report (Qedit)

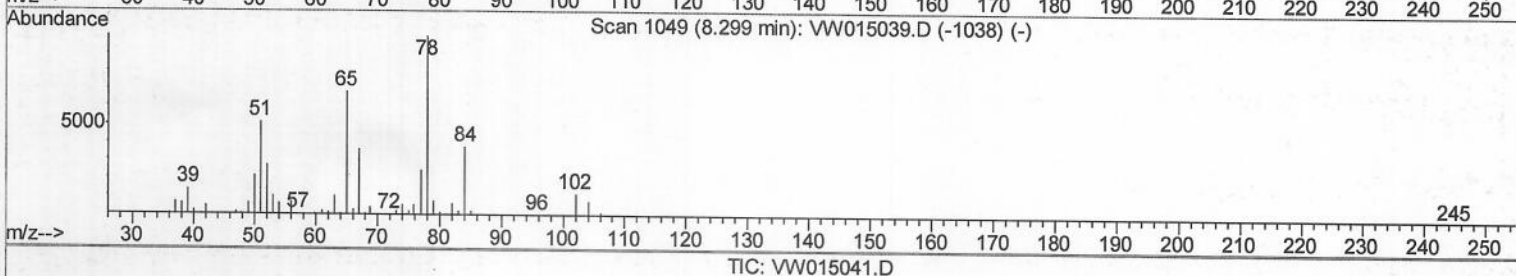
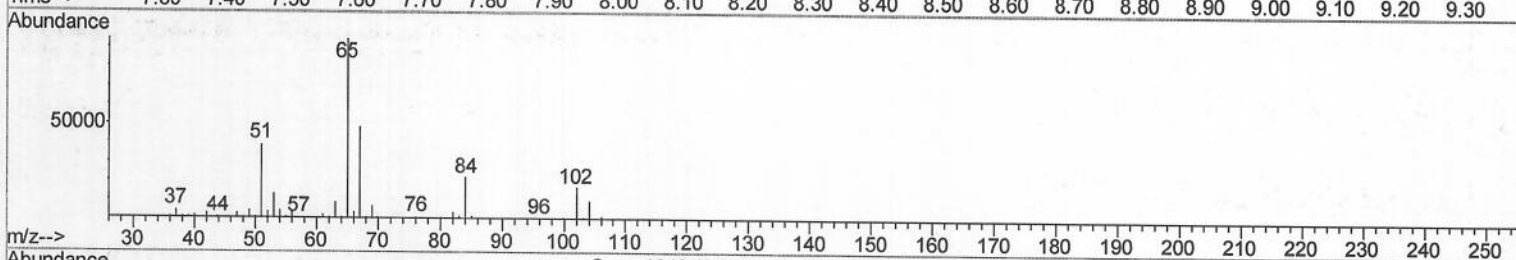
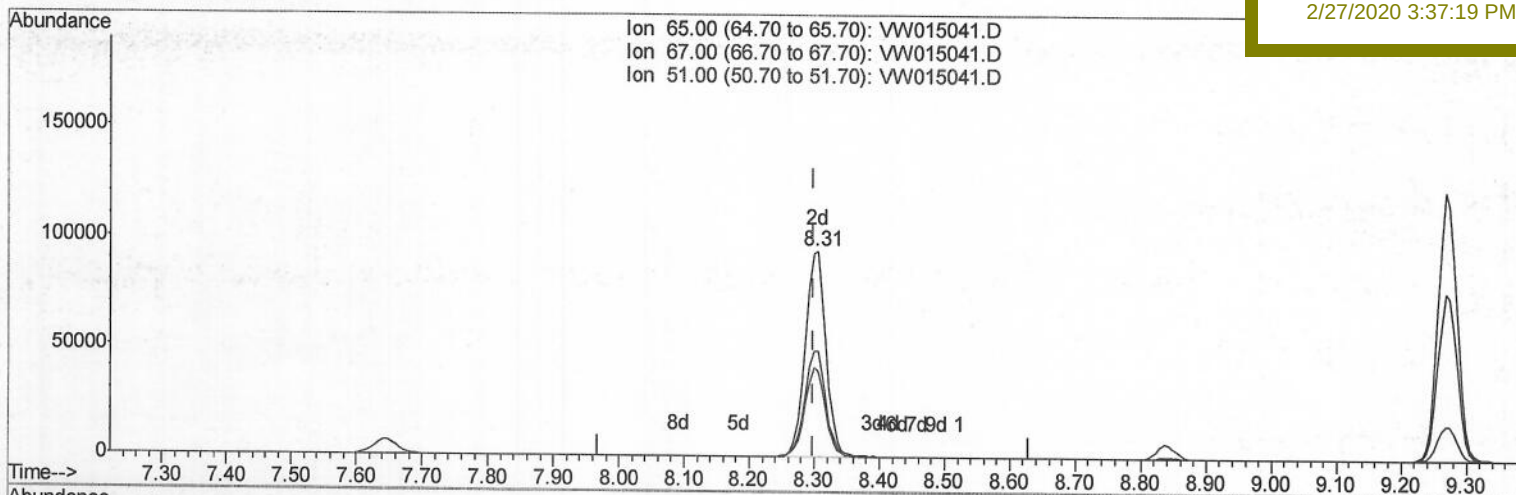
Data File : VW015041.D
Acq On : 26 Feb 2020 12:35
Operator : SY/VA
Sample : L1677-01
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 27 02:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
C0CC5

Manual Integrations
APPROVED

MMDadoda
2/27/2020 3:37:19 PM



TIC: VW015041.D

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

8.305min (+0.006) 24.73ug/L m

response 207288

Ion	Exp%	Act%
65.00	100	100
67.00	53.00	0.05#
51.00	129.10	0.12#
0.00	0.00	0.00

> M.D
02/29/20

Data File : VW015041.D

Acq On : 26 Feb 2020 12:35

Operator : SY/VA

Sample : L1677-01

Misc : 5.47G/10ML/MSVOA_W/SOIL

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 27 02:49:03 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M

Quant Title : VOC Analysis

QLast Update : Thu Feb 27 02:01:40 2020

Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

C0CC5

Manual Integrations

APPROVED

MMDadoda

2/27/2020 3:37:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	456056	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423812	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	127027	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	252339	22.12	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
7) Chloroethane-d5	2.89	69	182066	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
10) 1,1-Dichloroethene-d2	4.01	63	300561	16.93	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.72%
20) 2-Butanone-d5	7.07	46	89245	46.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.62%
24) Chloroform-d	7.64	84	359844	24.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	8.31	65	207288m	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
29) Benzene-d6	8.27	84	684953	23.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.08%
33) 1,2-Dichloropropane-d6	9.27	67	245356	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.68%
37) Toluene-d8	10.32	98	547943	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.57	79	77997	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.92	63	51667	40.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142646	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	118936	25.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.20%

Target Compounds

					Qvalue
13) Acetone	4.12	43	40017	17.744	ug/L 95
21) 2-Butanone	7.17	43	11648m	4.392	ug/L

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

> M.D
02/27/20

> M.D
02/27/20