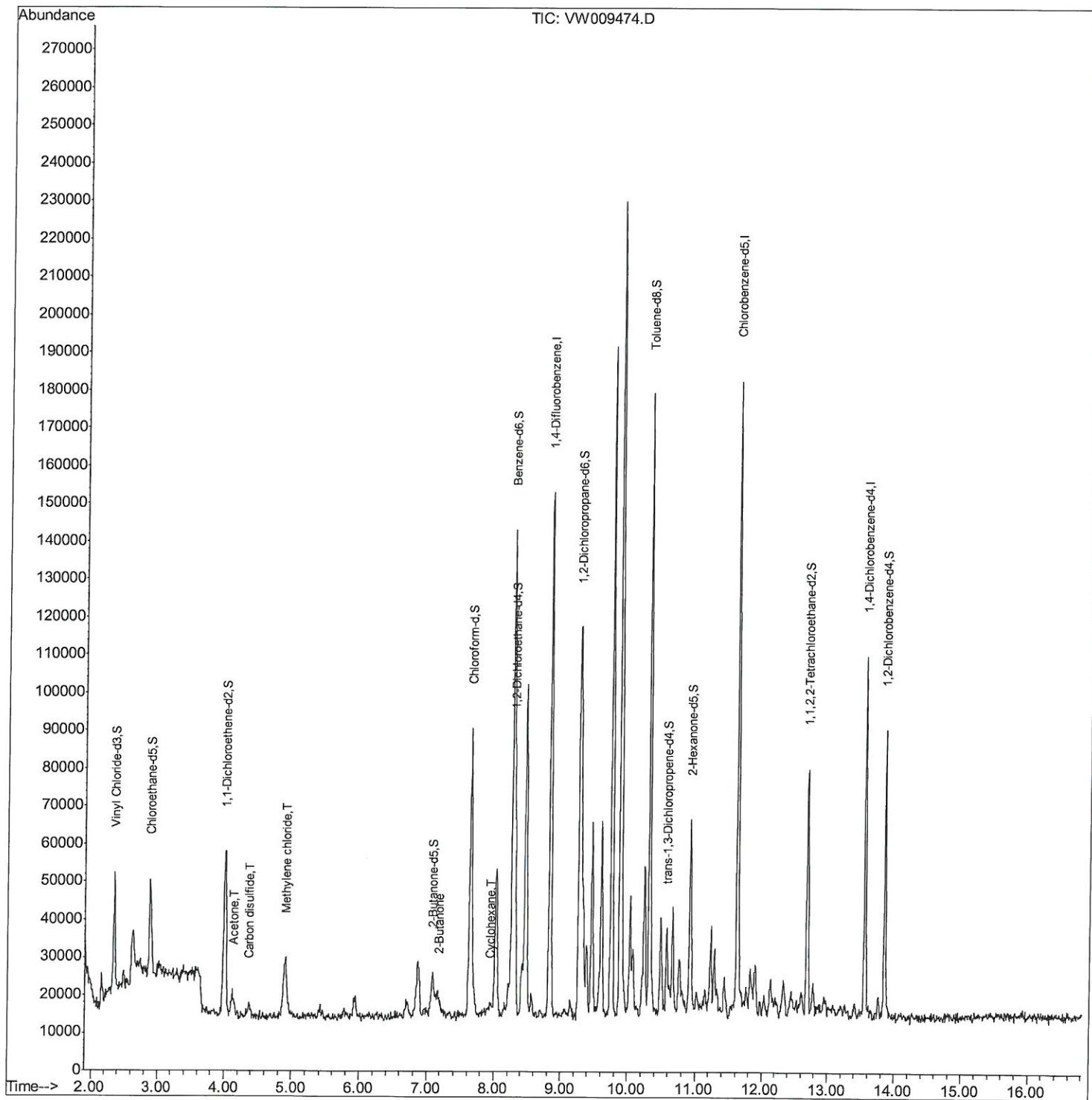


Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009474.D
Acq On : 26 Mar 2019 20:27
Operator : SY/VA
Sample : K2044-15
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

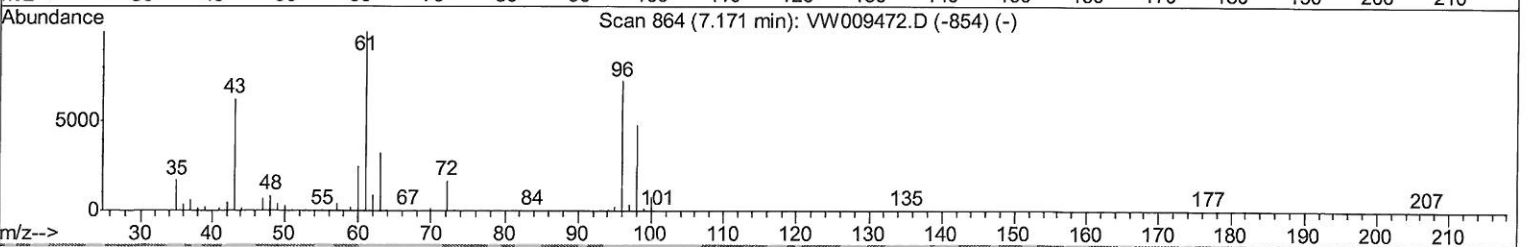
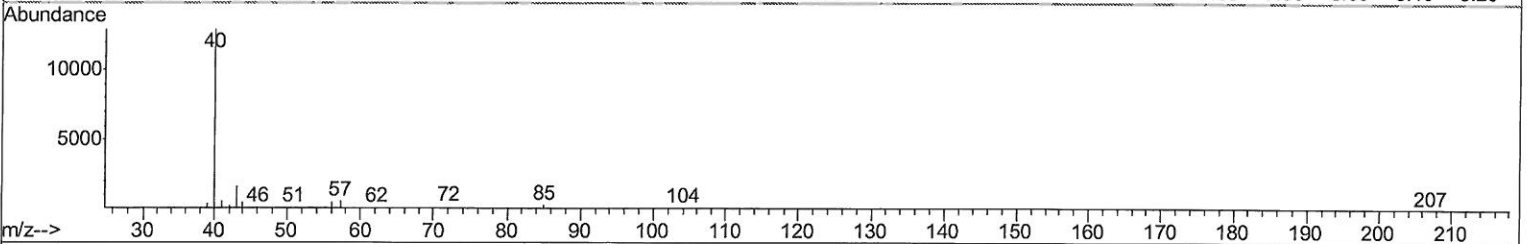
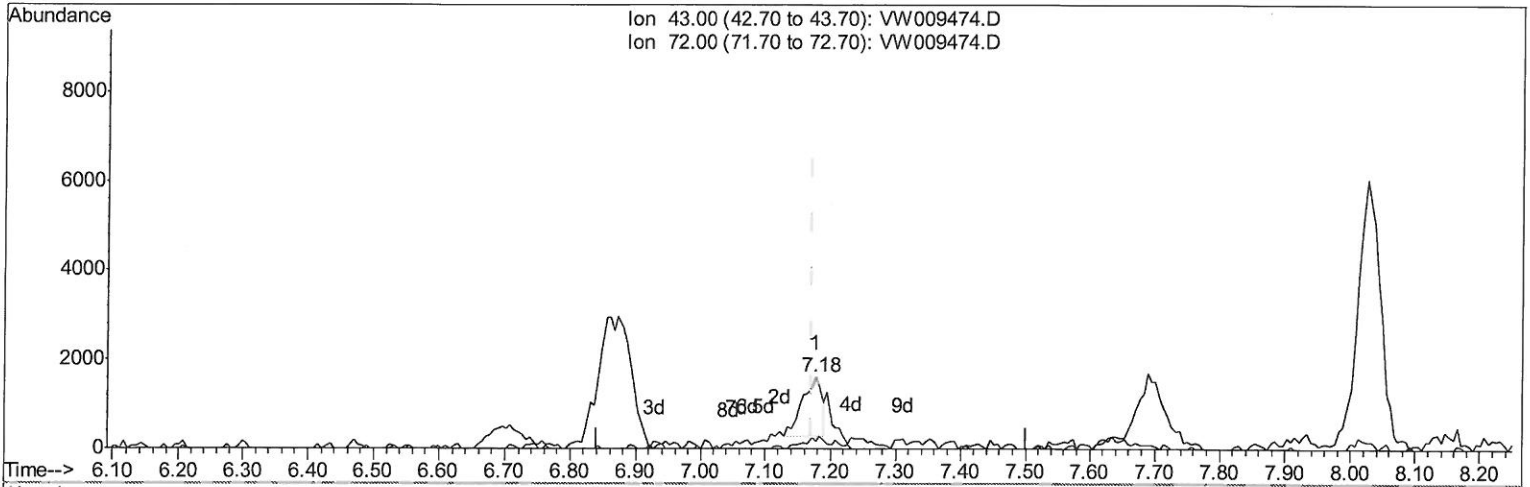
Quant Time: Mar 27 08:16:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009474.D
 Acq On : 26 Mar 2019 20:27
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 08:07:12 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



TIC: VW009474.D

(21) 2-Butanone

7.177min (+0.006) 4.64ug/L

response 2803

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	14.09
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\

Data File : VW009474.D

Acq On : 26 Mar 2019 20:27

Operator : SY/VA

Sample : K2044-15

Misc : 4.87G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

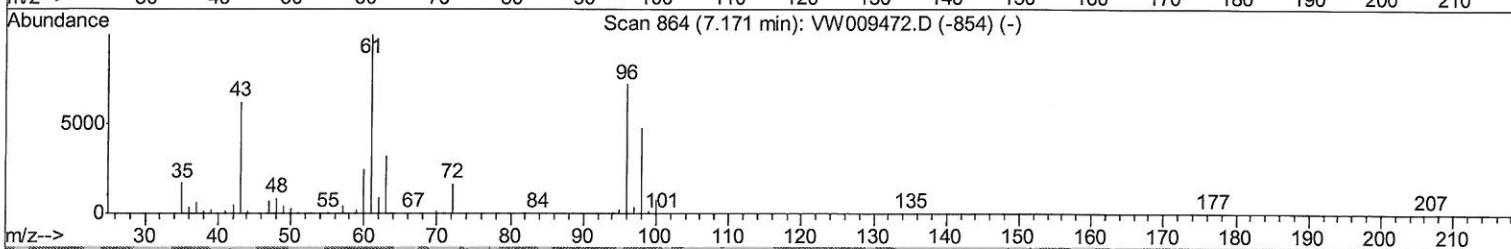
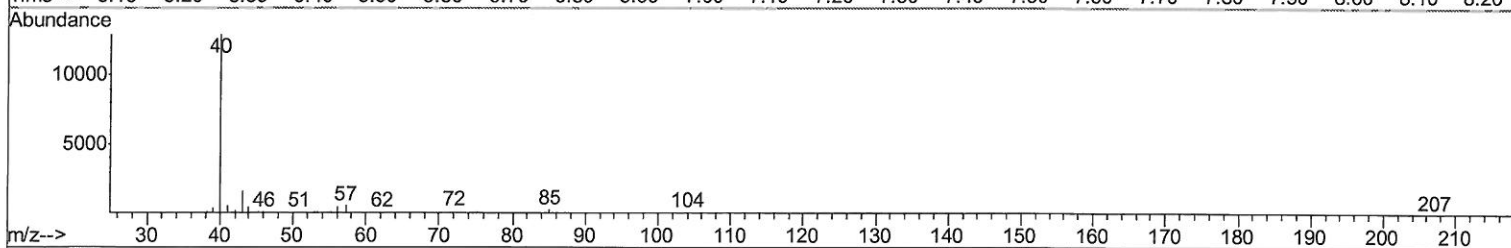
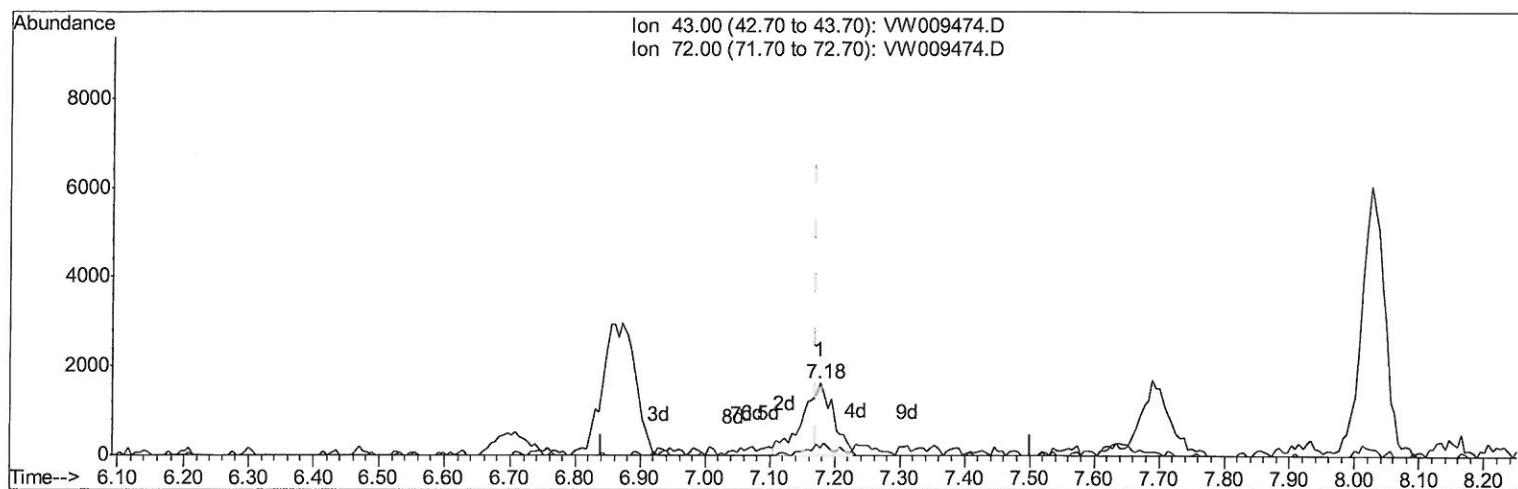
Quant Time: Mar 27 08:07:12 2019

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



TIC: VW009474.D

(21) 2-Butanone

7.177min (+0.006) 9.01ug/L m

response 5445

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	7.25#
0.00	0.00	0.00
0.00	0.00	0.00

7MO
4/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009474.D
 Acq On : 26 Mar 2019 20:27
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 08:16:52 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	108022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	86052	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22922	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	28236	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
7) Chloroethane-d5	2.89	69	28494	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
10) 1,1-Dichloroethene-d2	4.00	63	40548	14.53	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
20) 2-Butanone-d5	7.08	46	18886	35.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.76%
24) Chloroform-d	7.65	84	65597	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	8.31	65	39455	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.88%
29) Benzene-d6	8.27	84	117841	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	9.27	67	39577	27.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.08%
37) Toluene-d8	10.32	98	97058	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.48%
38) trans-1,3-Dichloropropene-	10.58	79	10989	15.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.40%
39) 2-Hexanone-d5	10.93	63	13687	39.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29154	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	18795	21.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.52%

Target Compounds

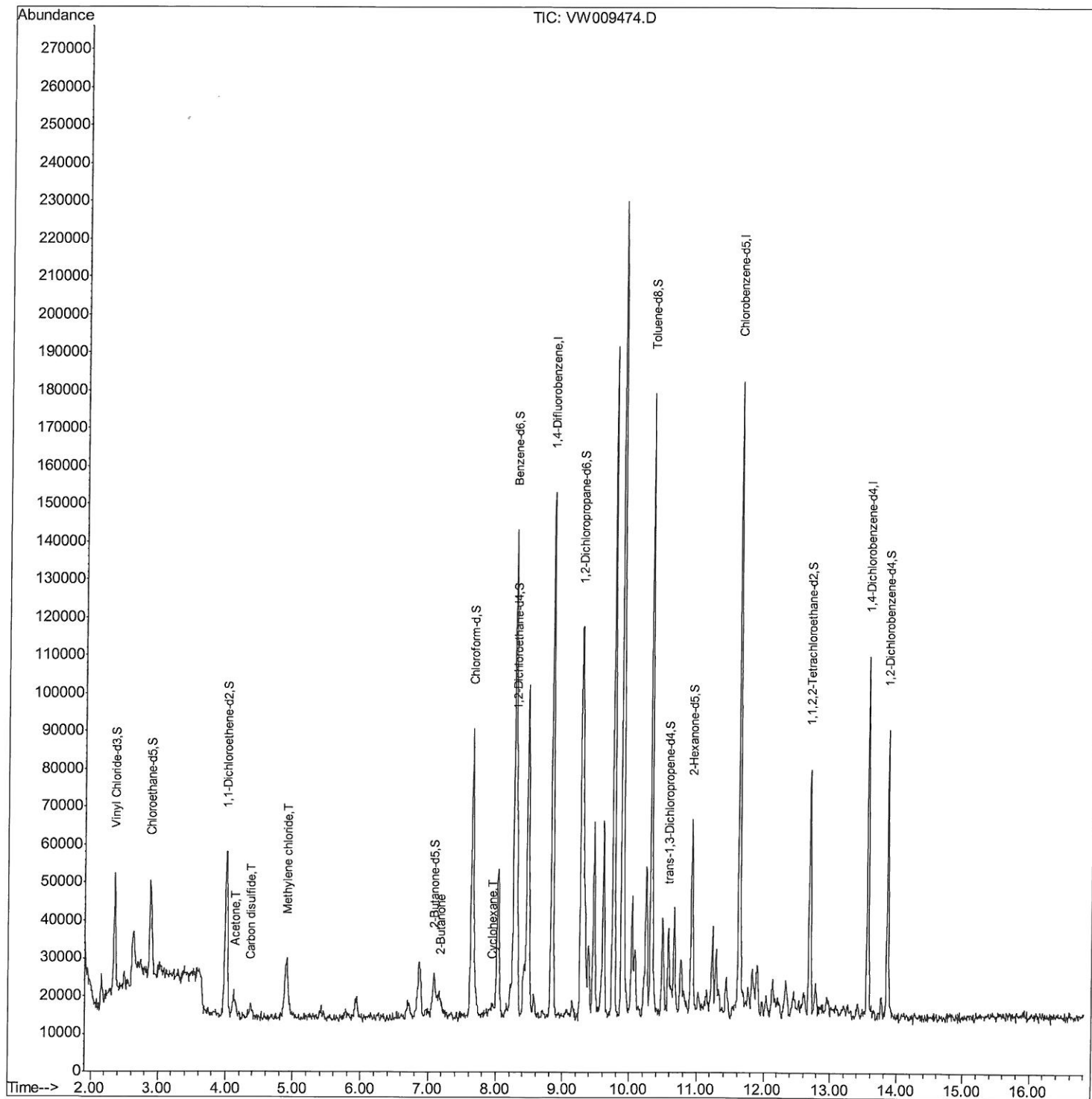
					Ovalue
13) Acetone	4.12	43	11053	25.248	ug/L 78
14) Carbon disulfide	4.37	76	4266	1.192	ug/L # 92
16) Methylene chloride	4.90	84	8862	5.626	ug/L 93
21) 2-Butanone	7.18	43	5445m	9.008	ug/L
30) Cyclohexane	7.95	56	1386	0.709	ug/L # 75

MO
4/6/19

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009474.D
Acq On : 26 Mar 2019 20:27
Operator : SY/VA
Sample : K2044-15
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

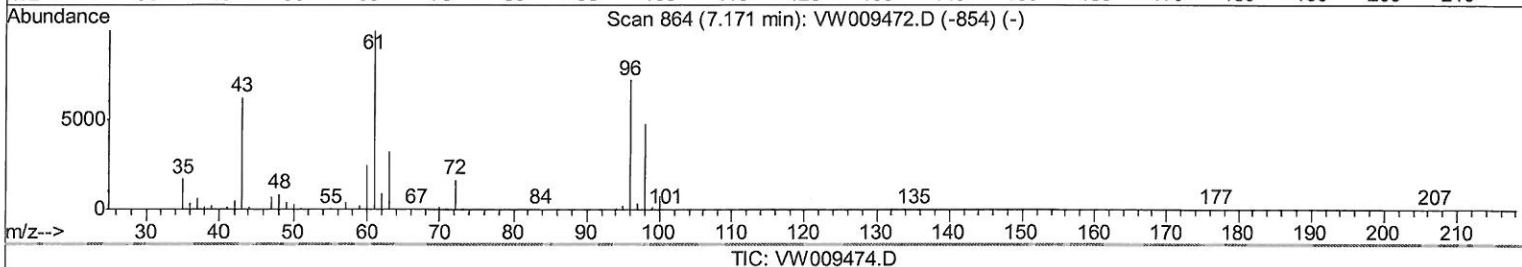
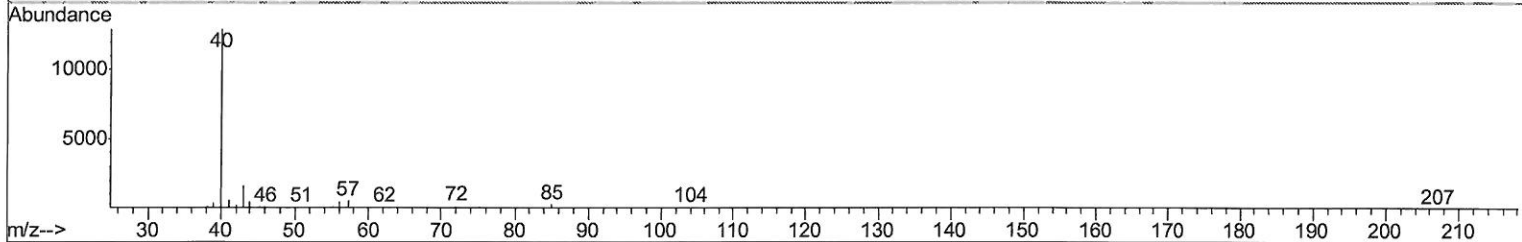
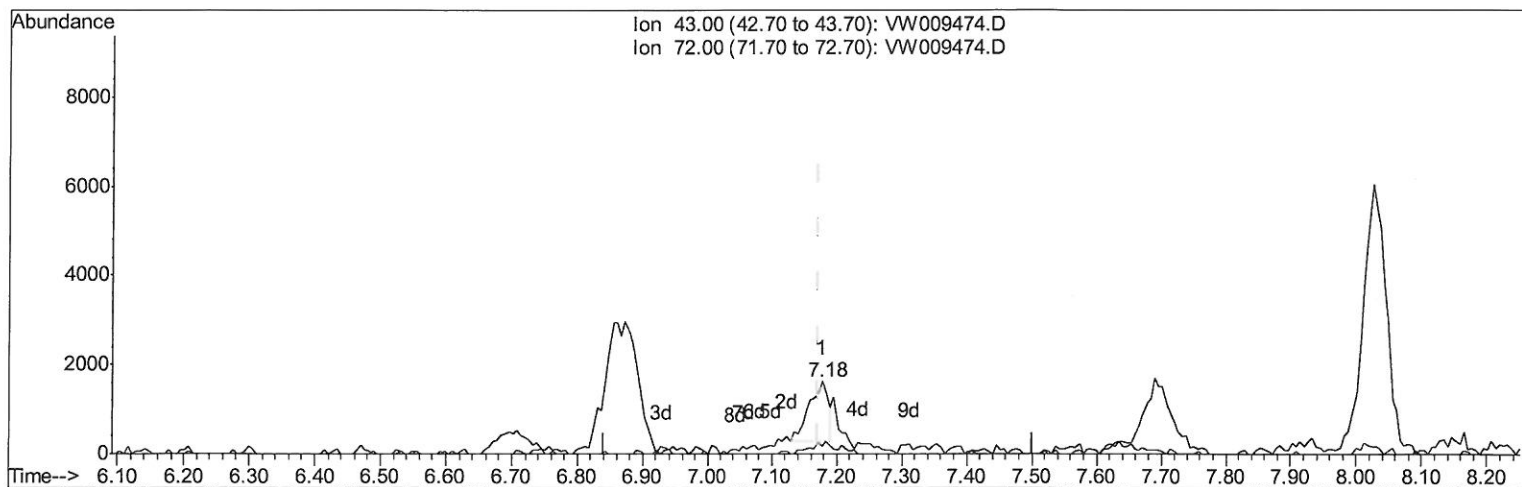
Quant Time: Mar 27 08:16:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009474.D
 Acq On : 26 Mar 2019 20:27
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 08:07:12 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



(21) 2-Butanone

7.177min (+0.006) 4.64ug/L

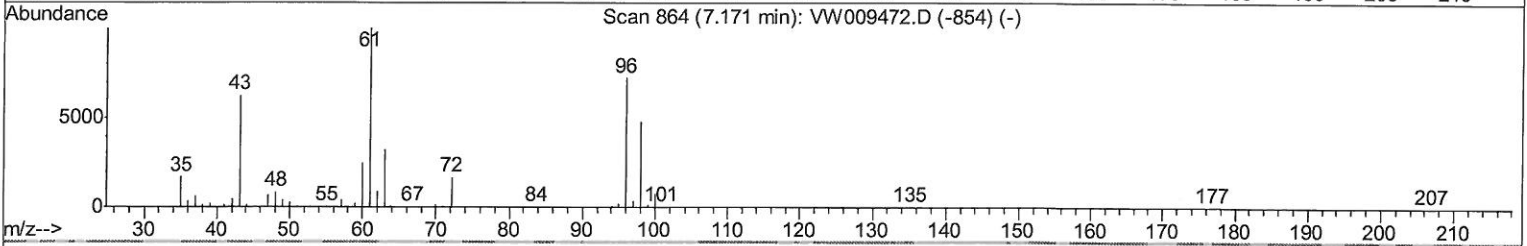
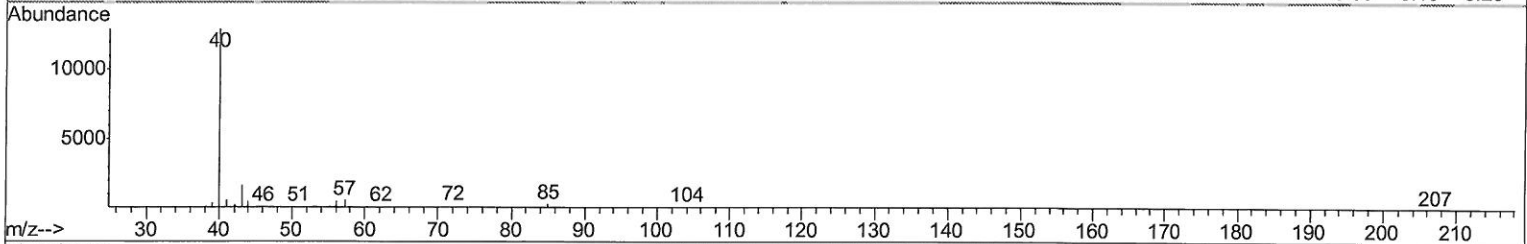
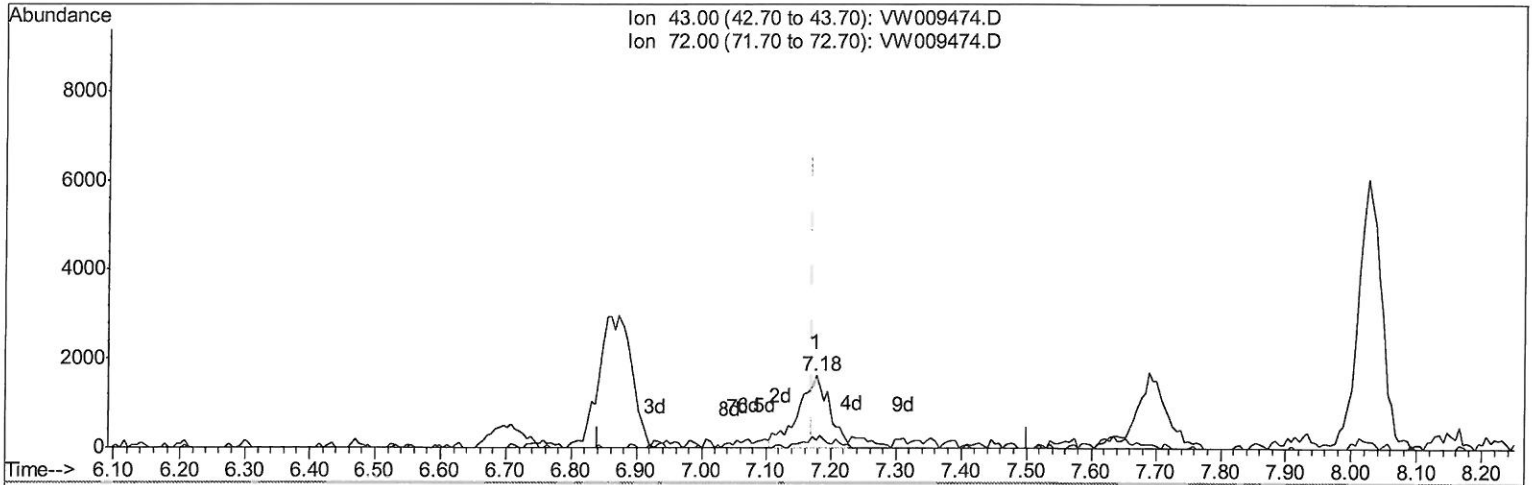
response 2803

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	14.09
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009474.D
 Acq On : 26 Mar 2019 20:27
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 08:07:12 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



TIC: VW009474.D

(21) 2-Butanone

7.177min (+0.006) 9.01ug/L m

response 5445

> MLQ
4/6/19

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	7.25#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009474.D
 Acq On : 26 Mar 2019 20:27
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 08:16:52 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
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Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.76%
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Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.88%
29) Benzene-d6	8.27	84	117841	24.83	ug/L	0.00
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37) Toluene-d8	10.32	98	97058	22.12	ug/L	0.00
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38) trans-1,3-Dichloropropene-	10.58	79	10989	15.35	ug/L	0.00
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					Ovalue
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30) Cyclohexane	7.95	56	1386	0.709	ug/L # 75

> M10
4/6/19

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