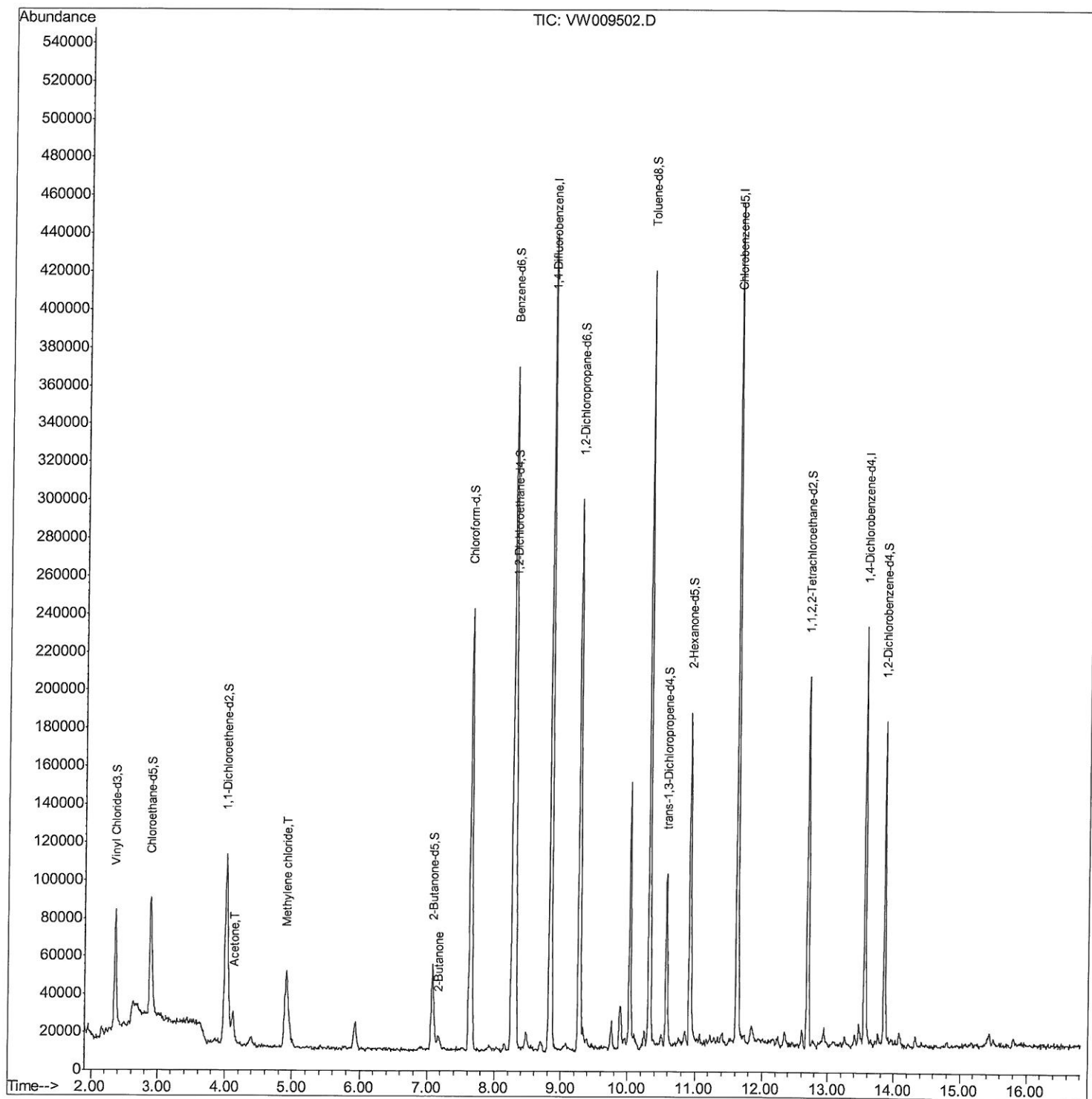


Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009502.D
Acq On : 27 Mar 2019 14:51
Operator : SY/VA
Sample : K2068-01
Misc : 4.72G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

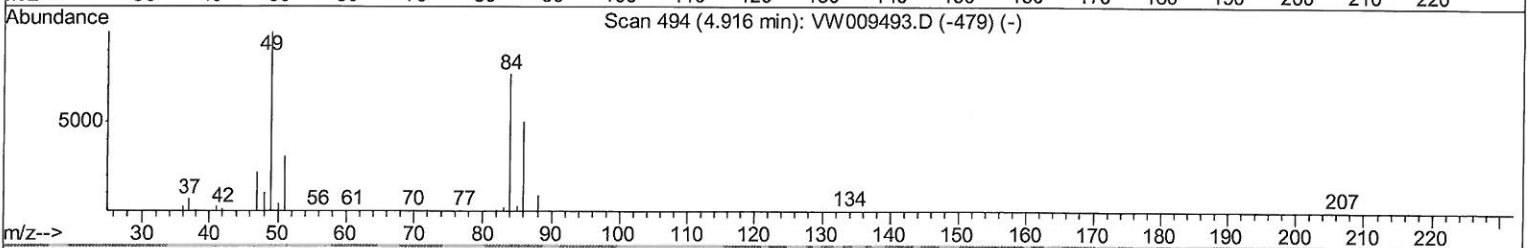
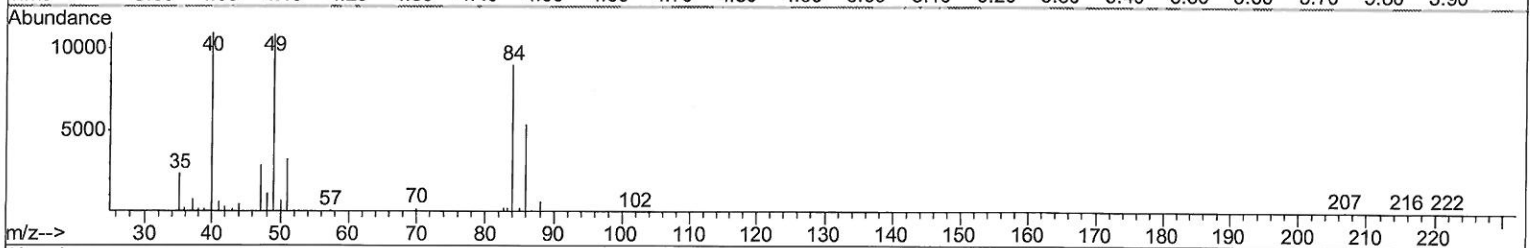
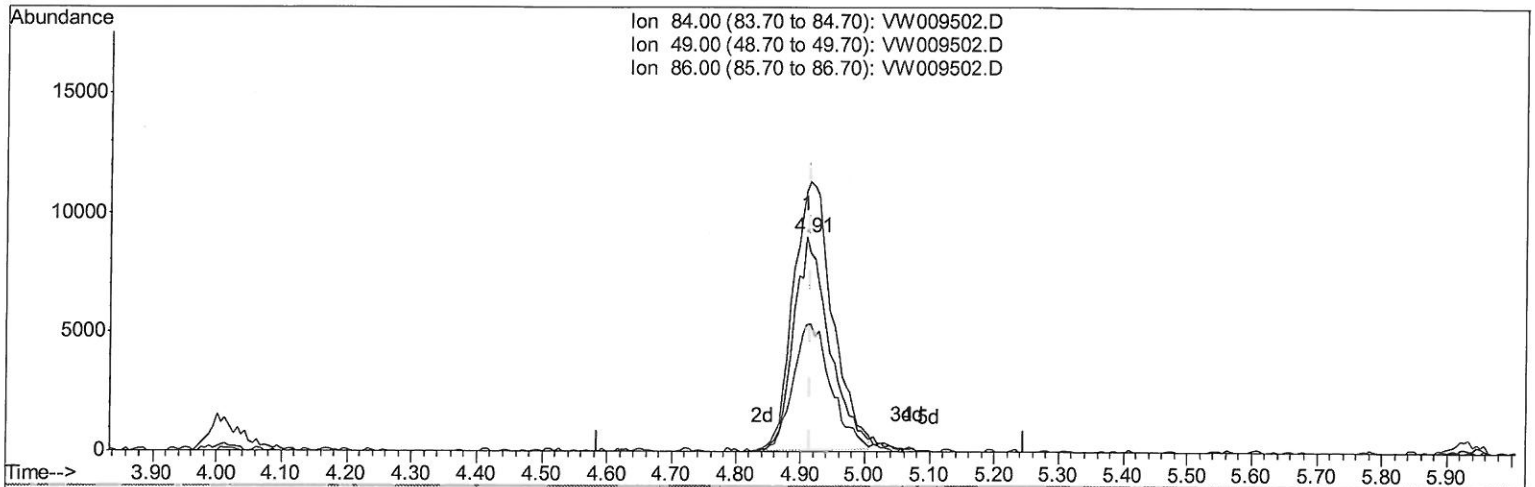
Quant Time: Mar 28 06:39:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 04:55:04 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:48 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



TIC: VW009502.D

(16) Methylene chloride (T)

4.909min (-0.006) 6.97ug/L

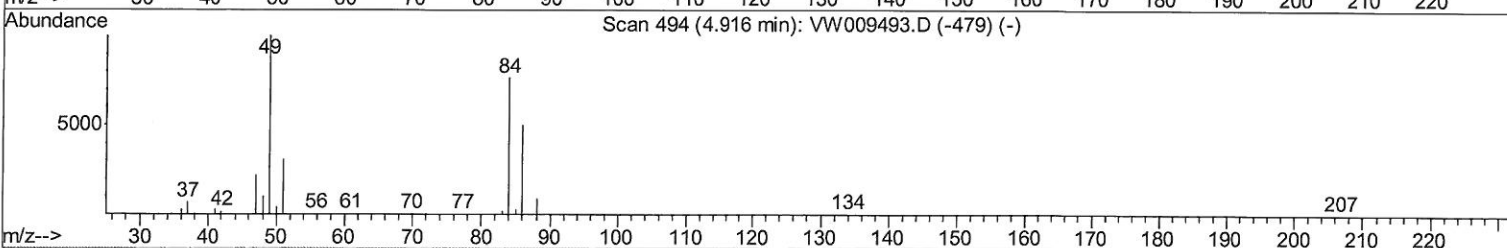
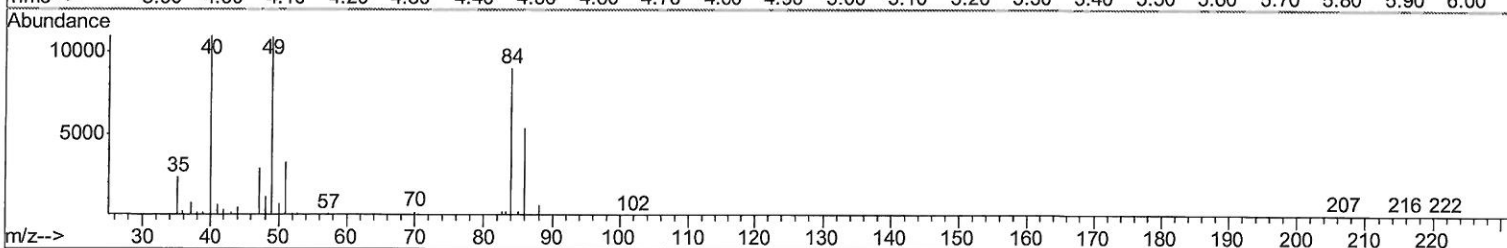
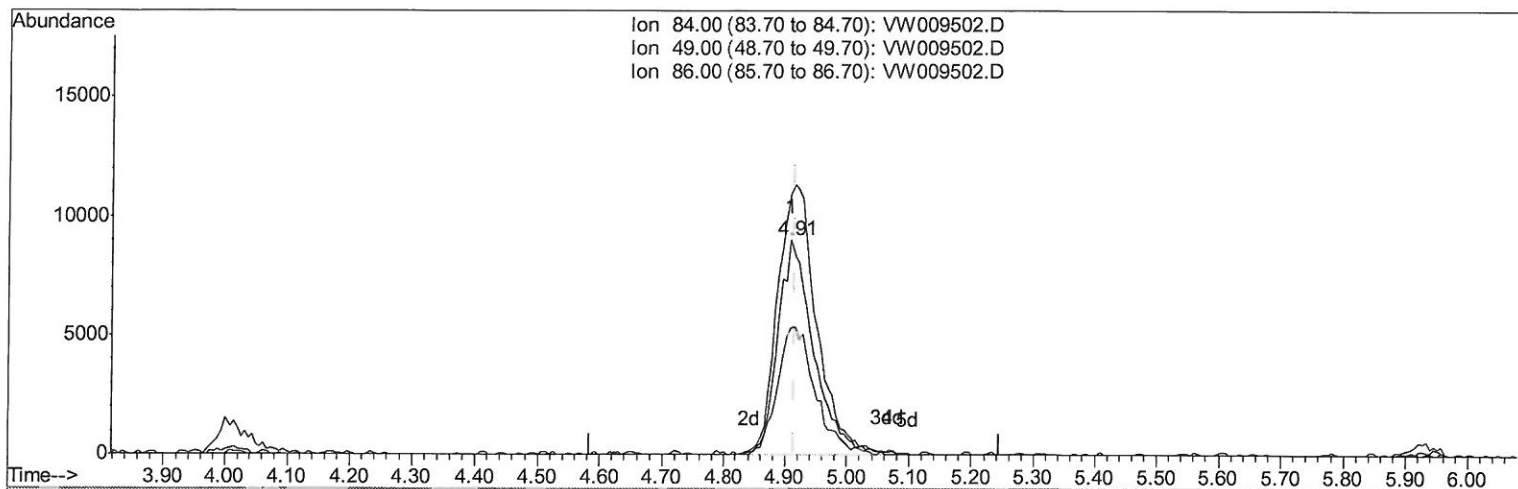
response 34148

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.09
86.00	63.50	59.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:48 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



TIC: VW009502.D

(16) Methylene chloride (T)

4.909min (-0.006) 7.33ug/L m

response 35914

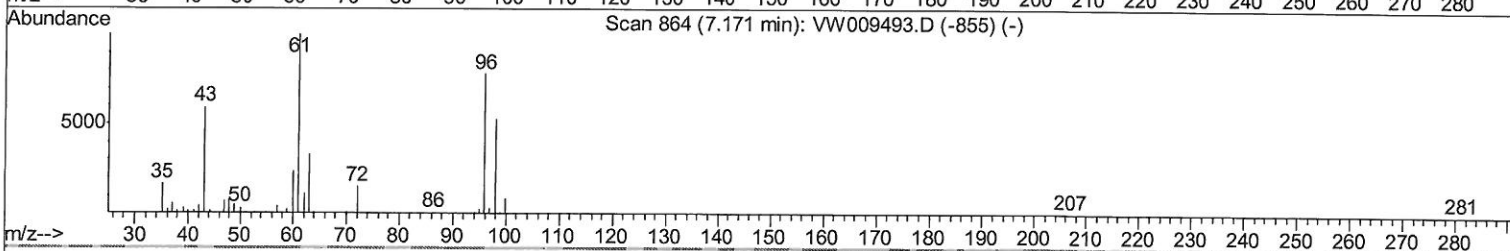
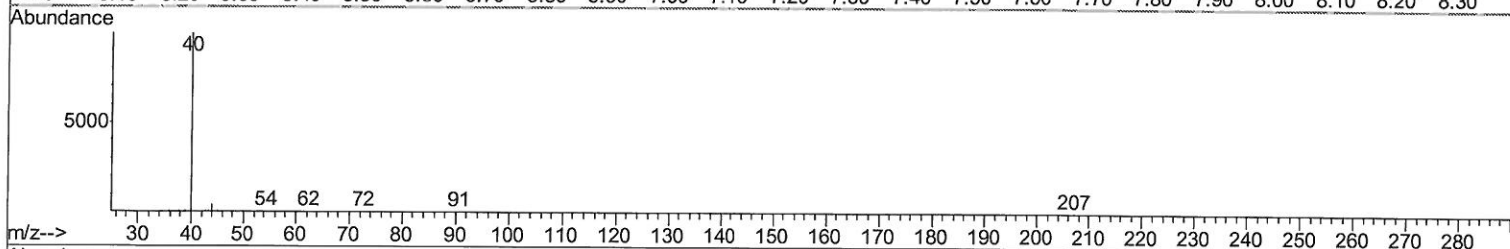
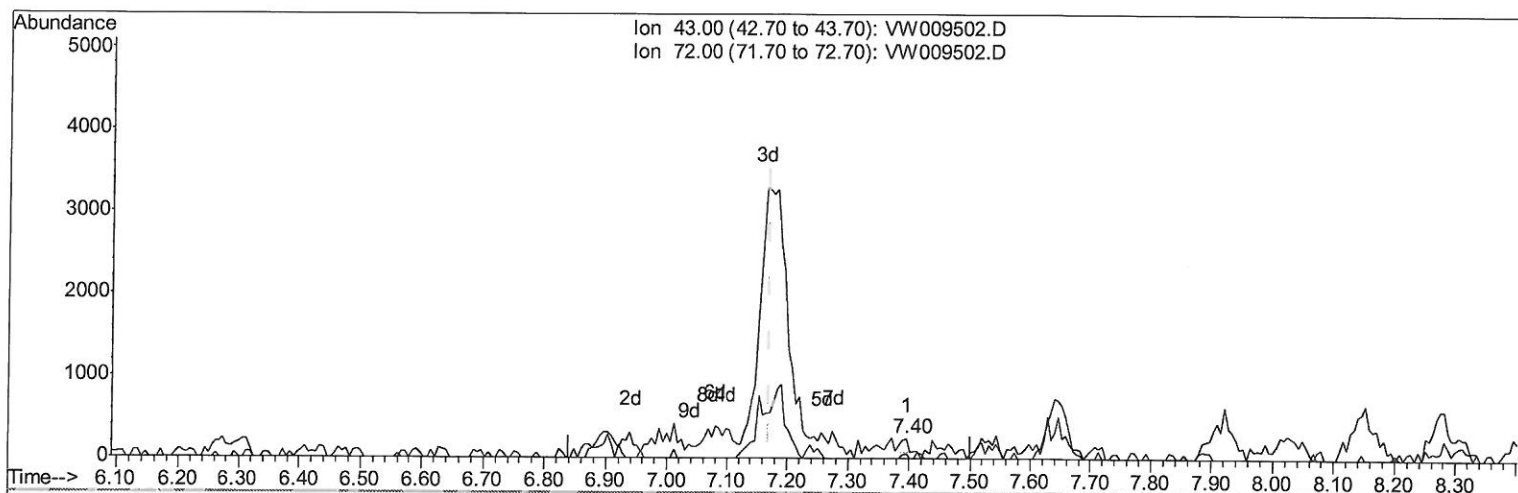
Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.09
86.00	63.50	59.12
0.00	0.00	0.00

Handwritten: > MO
4/6/19

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009502.D
Acq On : 27 Mar 2019 14:51
Operator : SY/VA
Sample : K2068-01
Misc : 4.72G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:48 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



TIC: VW009502.D

(21) 2-Butanone

7.397min (+0.225) 0.07ug/L

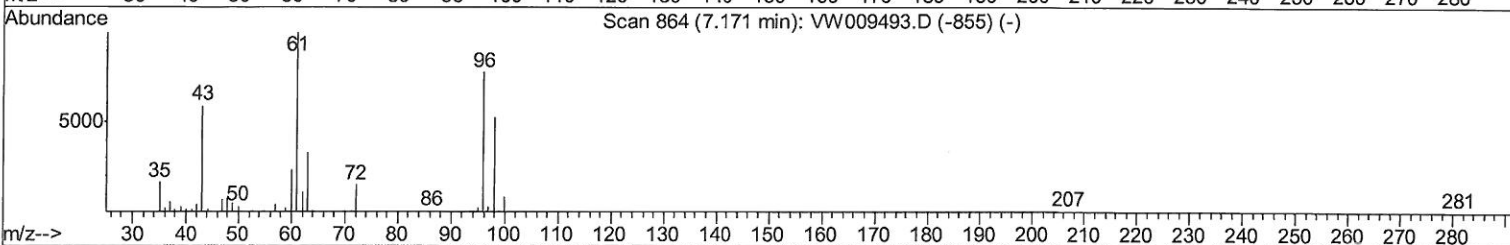
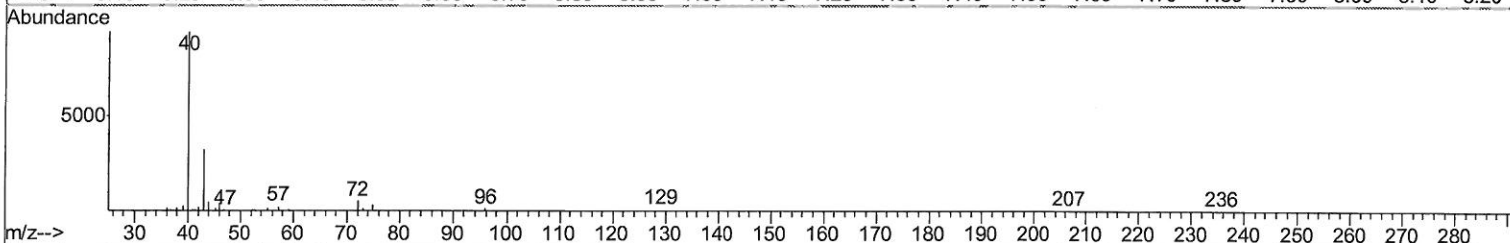
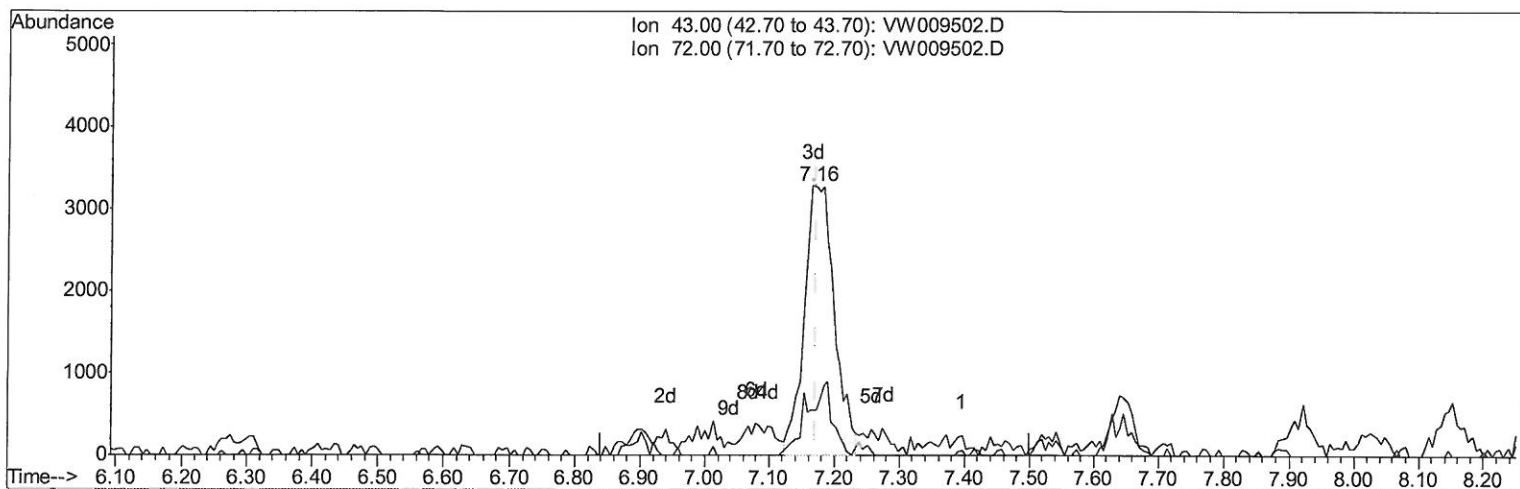
response 140

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	28.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:48 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



TIC: VW009502.D

(21) 2-Butanone

7.165min (-0.006) 5.62ug/L m

response 10565

7 MB
4/6/19

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	0.38#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 06:39:12 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	335877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52637	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79669	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.40%
7) Chloroethane-d5	2.89	69	87361	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
10) 1,1-Dichloroethene-d2	4.01	63	121914	14.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.20%
20) 2-Butanone-d5	7.08	46	74800	45.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.12%
24) Chloroform-d	7.64	84	210494	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.30	65	129270	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	8.27	84	345849	27.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.04%
33) 1,2-Dichloropropane-d6	9.27	67	118785	31.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.84%#
37) Toluene-d8	10.32	98	243937	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.58	79	45120	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.16%
39) 2-Hexanone-d5	10.93	63	48031	52.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88938	23.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	42202	20.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	25841	18.984	ug/L 99
16) Methylene chloride	4.91	84	35914m	7.332	ug/L
21) 2-Butanone	7.16	43	10565m	5.621	ug/L

Y MO
4/6/19

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\

Data File : VW009502.D

Acq On : 27 Mar 2019 14:51

Operator : SY/VA

Sample : K2068-01

Misc : 4.72G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

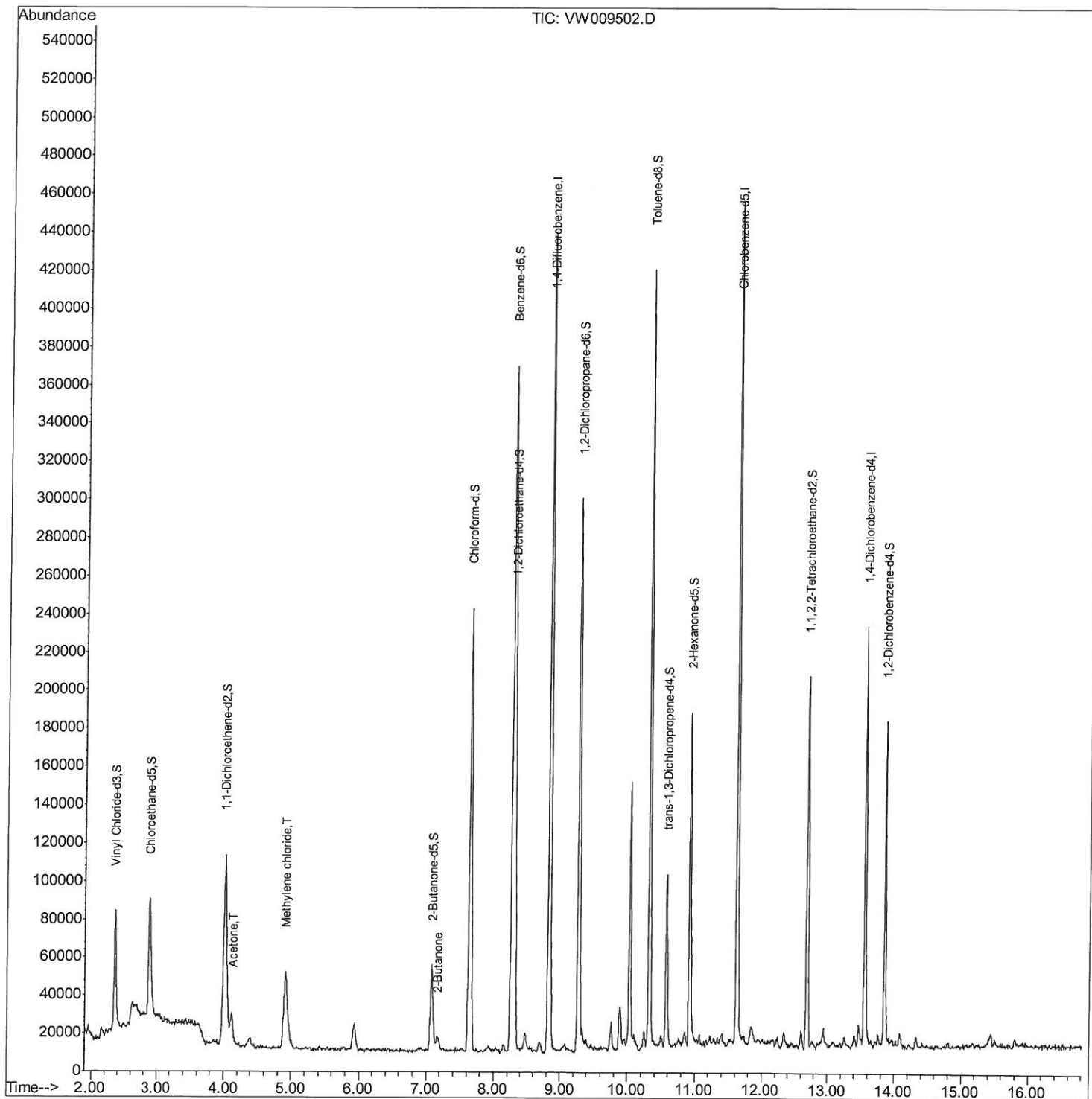
Quant Time: Mar 28 06:39:12 2019

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

Quant Title : VOC Analysis

QLast Update : Thu Mar 28 04:55:04 2019

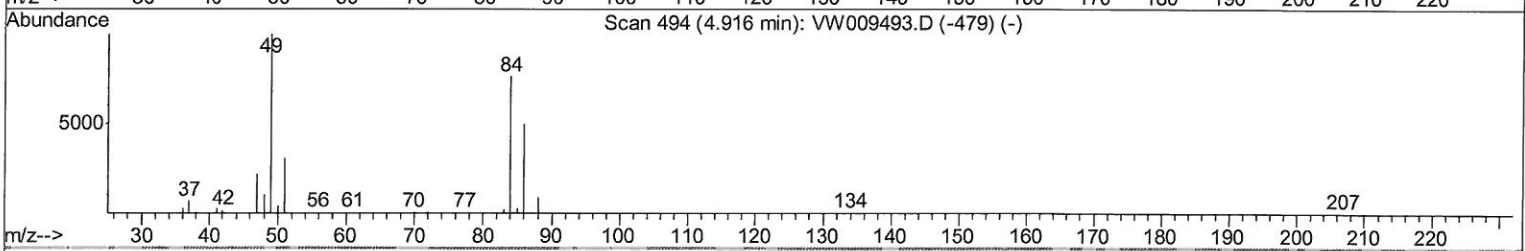
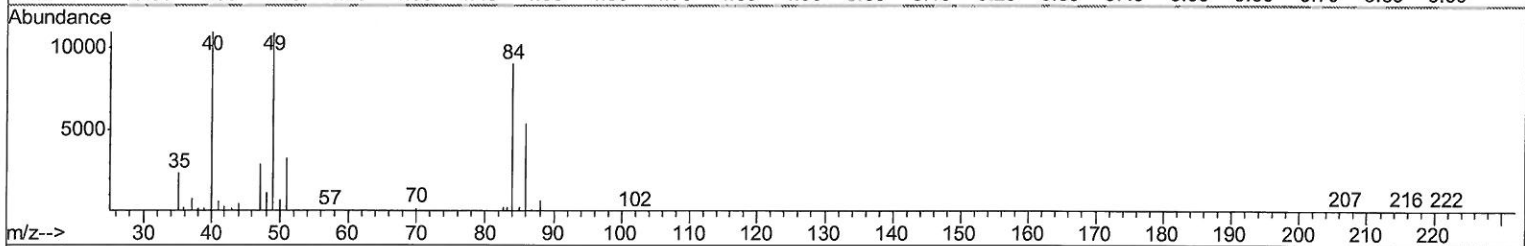
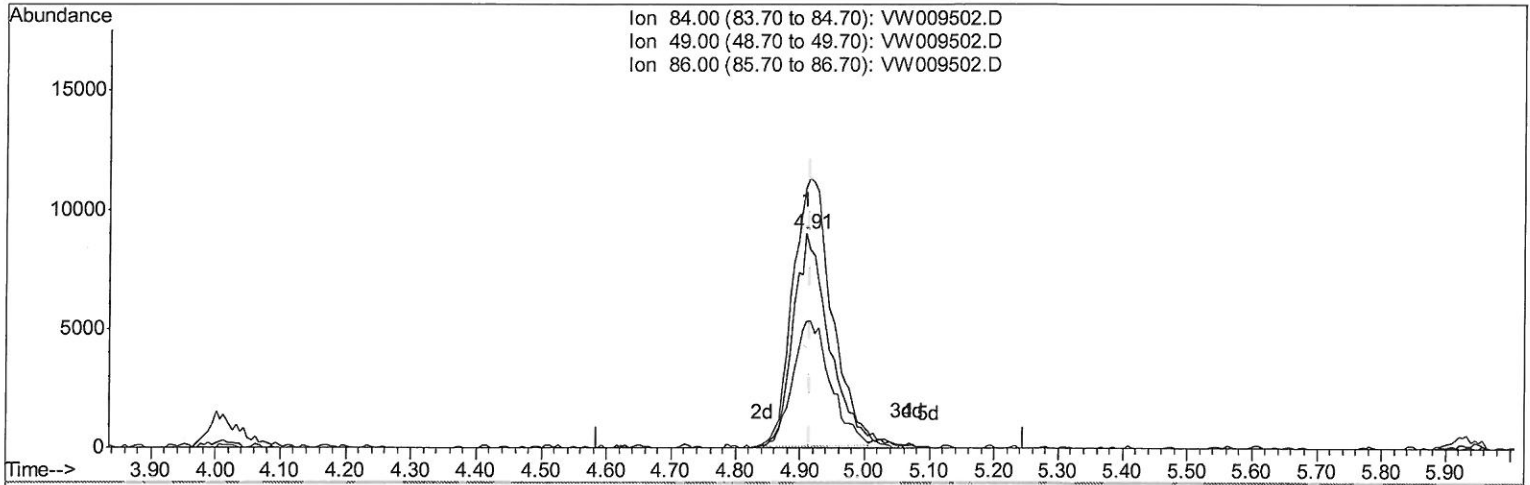
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:48 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



TIC: VW009502.D

(16) Methylene chloride (T)

4.909min (-0.006) 6.97ug/L

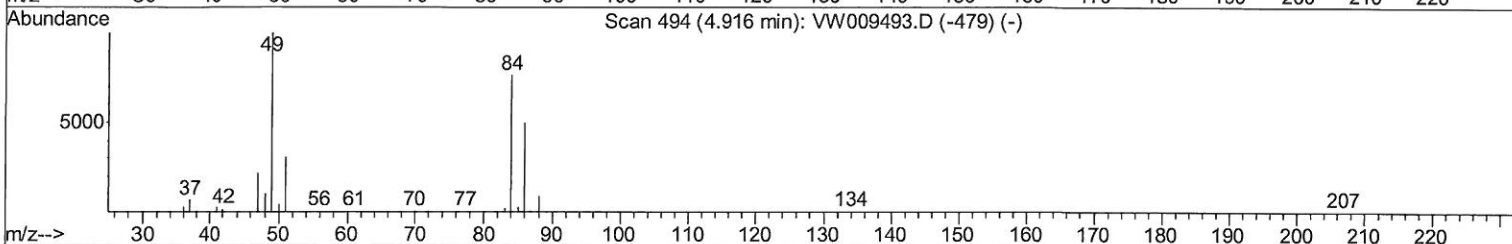
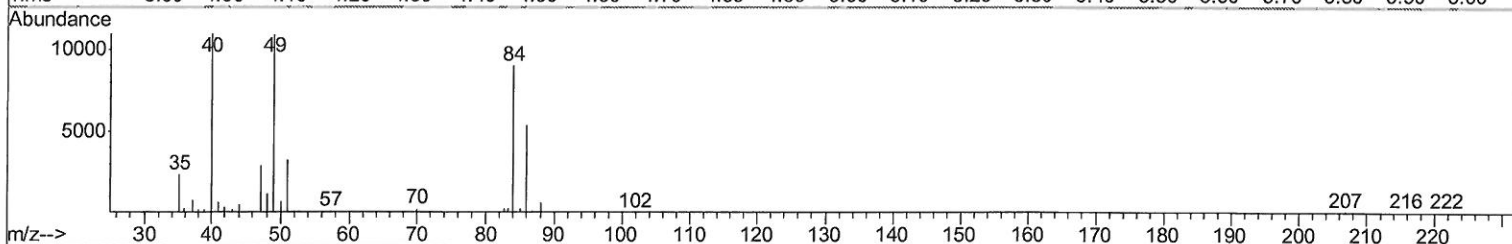
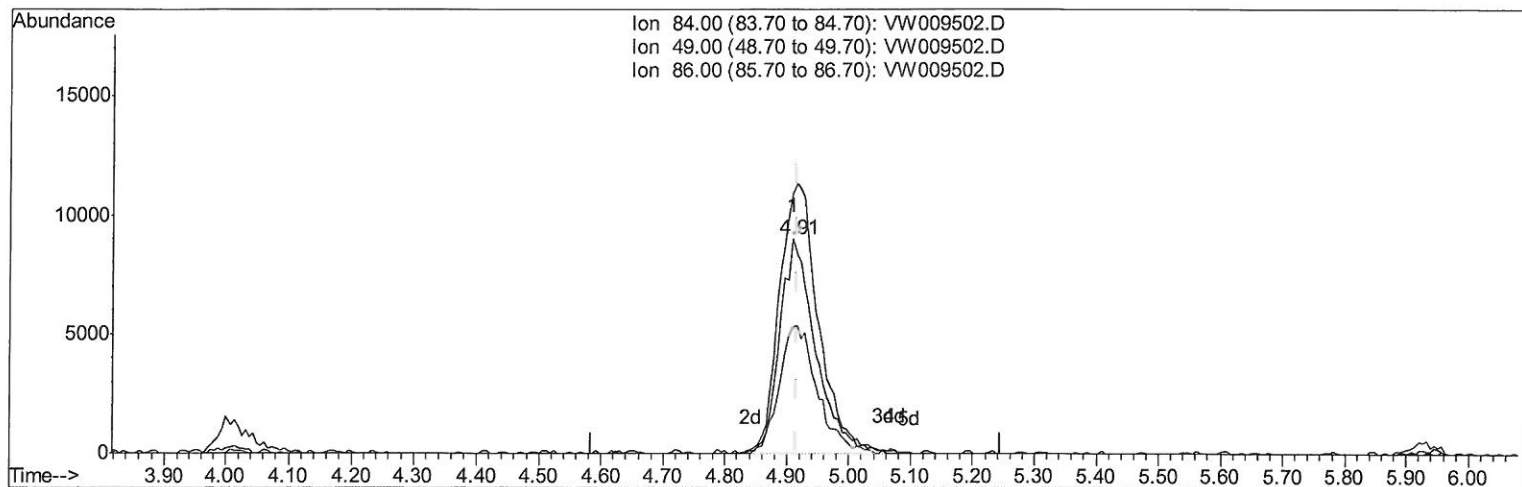
response 34148

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.09
86.00	63.50	59.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:48 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



TIC: VW009502.D

(16) Methylene chloride (T)

4.909min (-0.006) 7.33ug/L m

response 35914

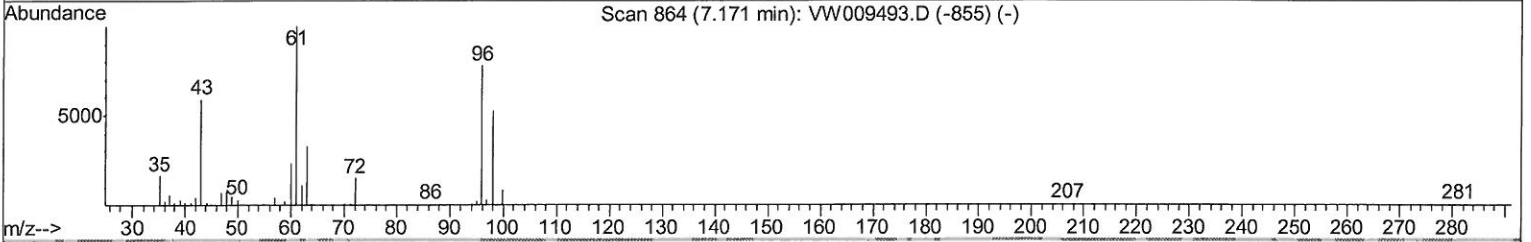
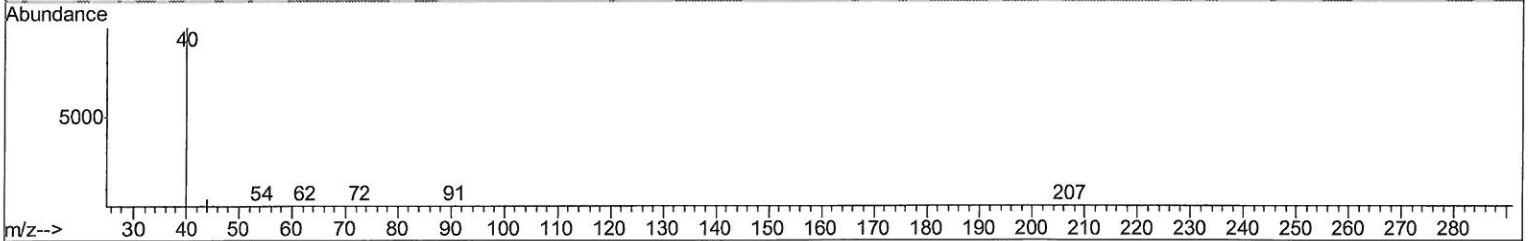
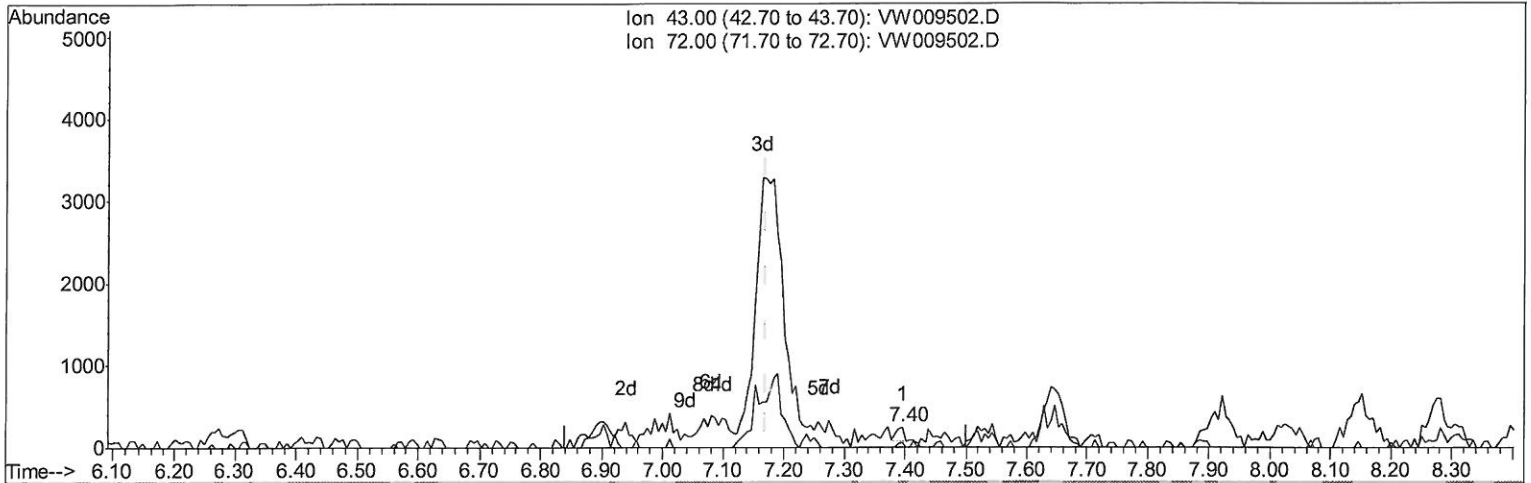
Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.09
86.00	63.50	59.12
0.00	0.00	0.00

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4/6/19

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:48 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



TIC: VW009502.D

(21) 2-Butanone

7.397min (+0.225) 0.07ug/L

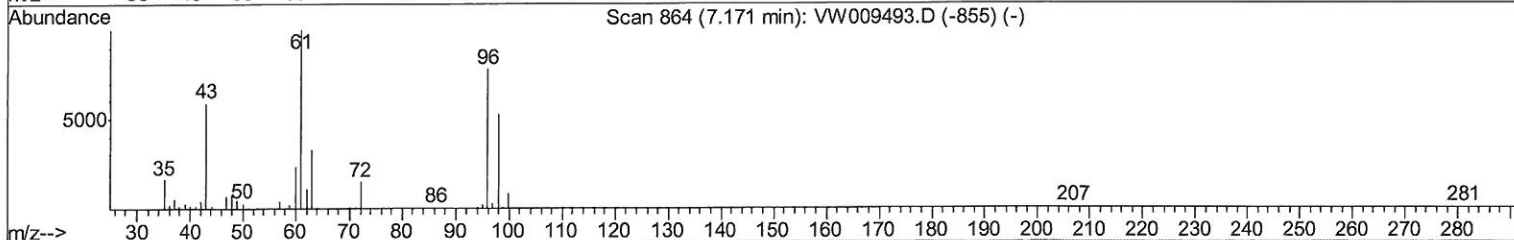
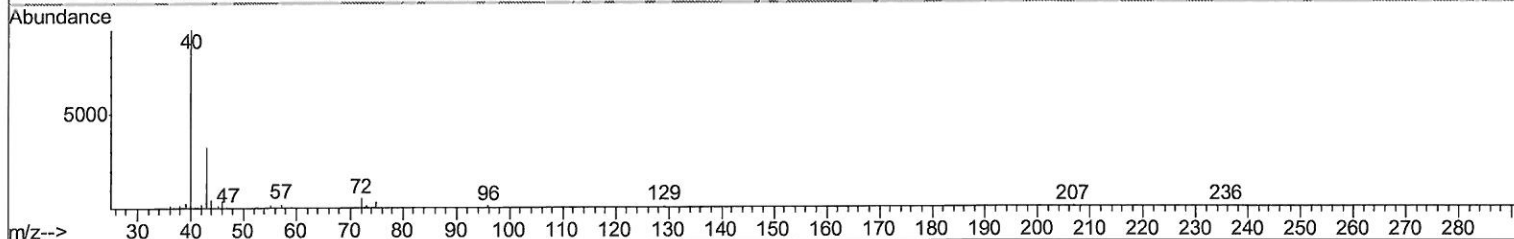
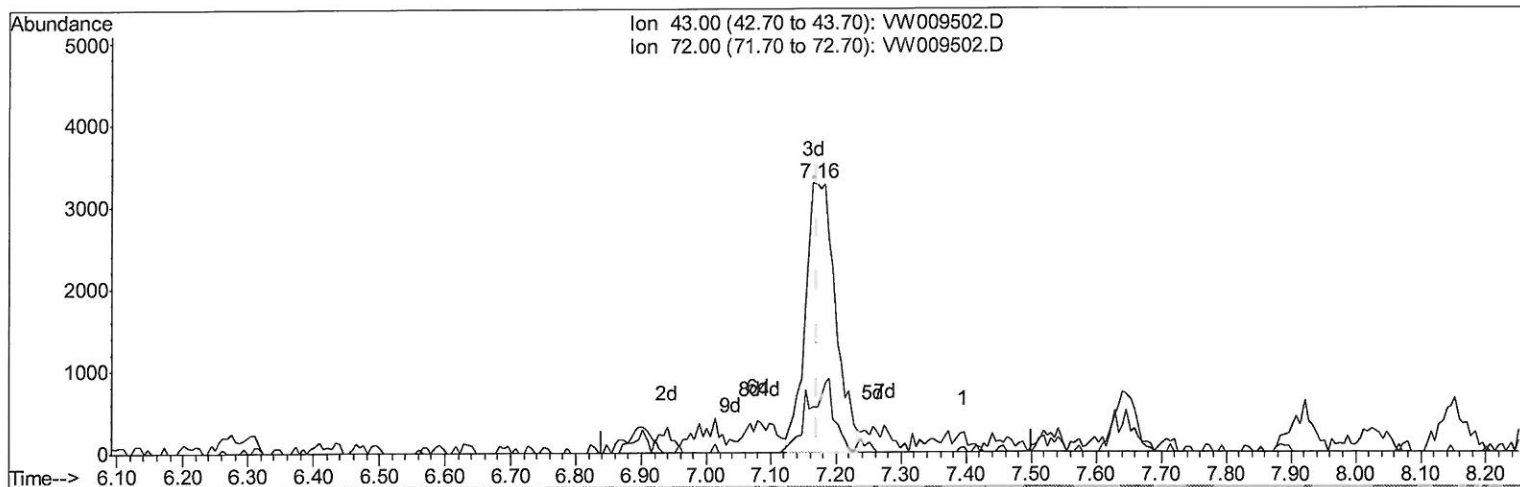
response 140

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	28.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:00:48 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



TIC: VW009502.D

(21) 2-Butanone

7.165min (-0.006) 5.62ug/L m

response 10565

7MO
4/6/19

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	0.38#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 06:39:12 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52637	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79669	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.40%
7) Chloroethane-d5	2.89	69	87361	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
10) 1,1-Dichloroethene-d2	4.01	63	121914	14.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.20%
20) 2-Butanone-d5	7.08	46	74800	45.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.12%
24) Chloroform-d	7.64	84	210494	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.30	65	129270	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	8.27	84	345849	27.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.04%
33) 1,2-Dichloropropane-d6	9.27	67	118785	31.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.84%#
37) Toluene-d8	10.32	98	243937	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.58	79	45120	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.16%
39) 2-Hexanone-d5	10.93	63	48031	52.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88938	23.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	42202	20.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	25841	18.984	ug/L 99
16) Methylene chloride	4.91	84	35914m	7.332	ug/L
21) 2-Butanone	7.16	43	10565m	5.621	ug/L

> MO
4/6/19

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