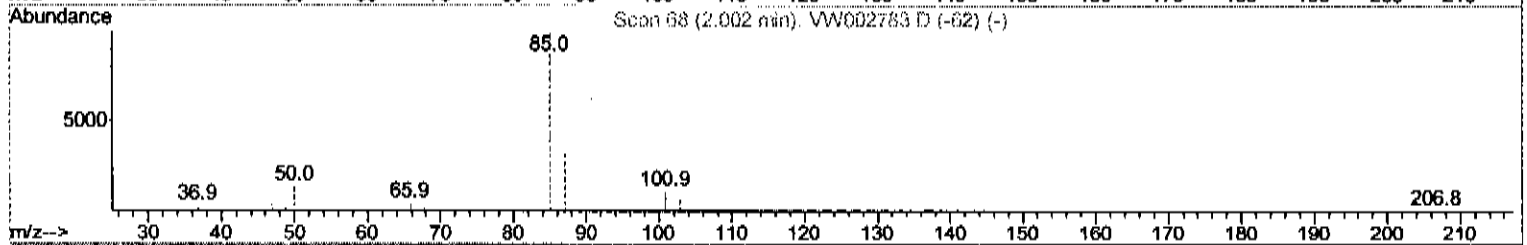
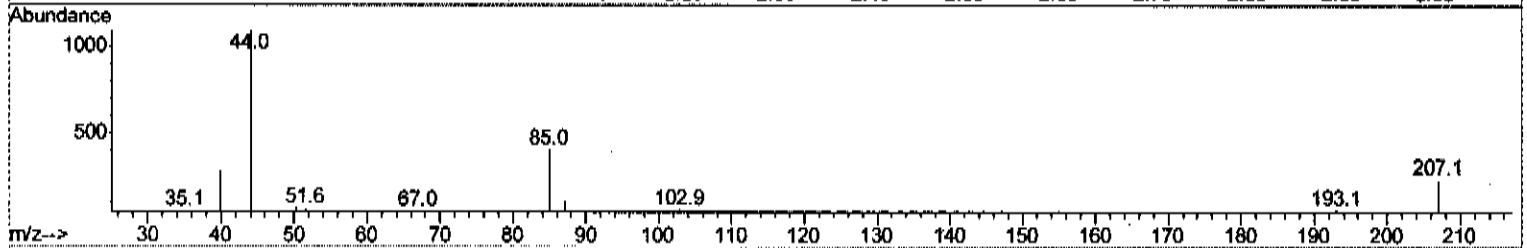
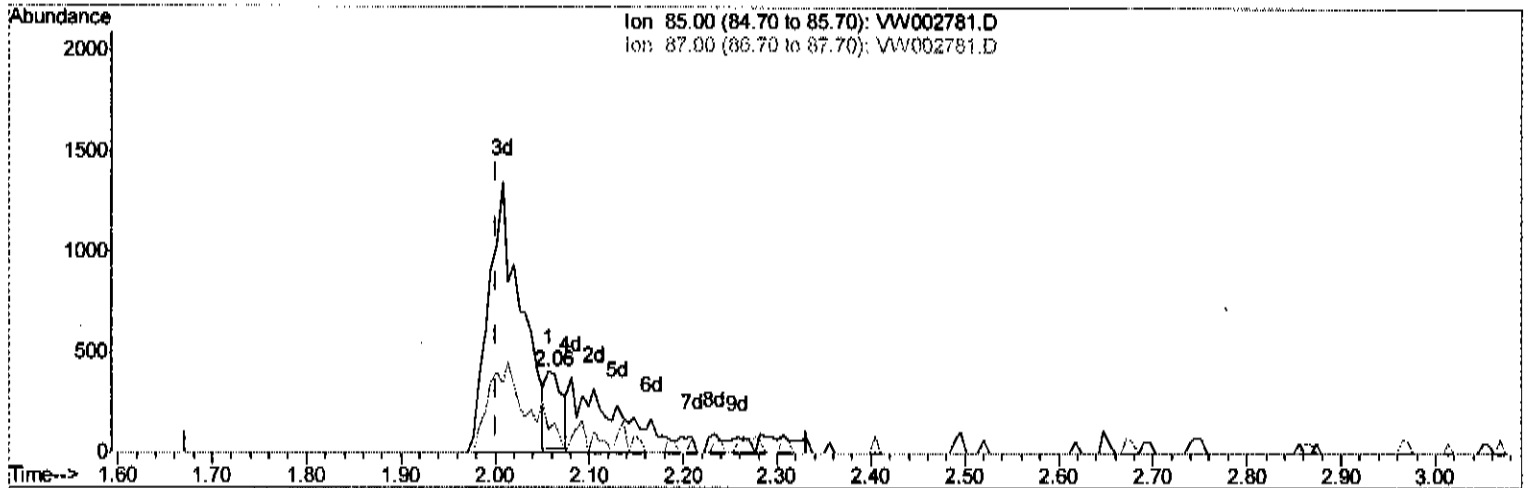


Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\
Quantitation Report (Qedit)

Data File : VW002781.D
Acq On : 22 May 2018 09:49
Operator : JC/SY
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:04:24 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:04:19 2018
Response via : Initial Calibration



TIC: VW002781.D

(2) Dichlorodifluoromethane (T)

2.057min (+0.055) 0.23ug/L

response 479

Ion	Exp%	Act%
85.00	100	100
87.00	21.70	26.30
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\

Quantitation Report (Qedit)

Data File : VW002781.D

Acq On : 22 May 2018 09:49

Operator : JC/SY

Sample : VSTD2.581

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

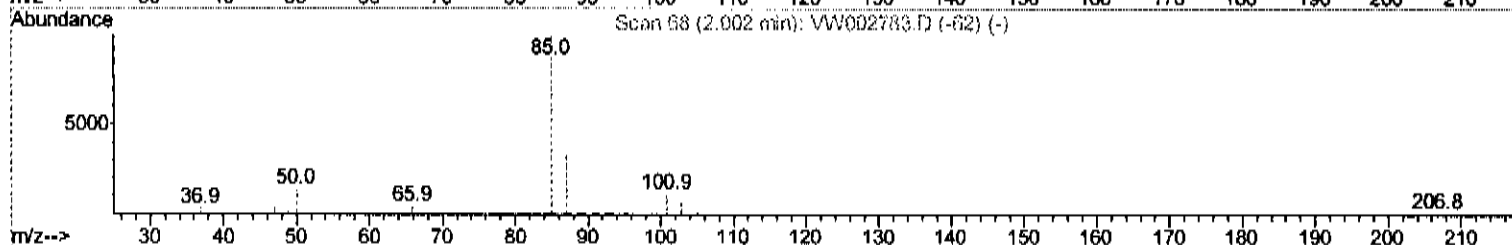
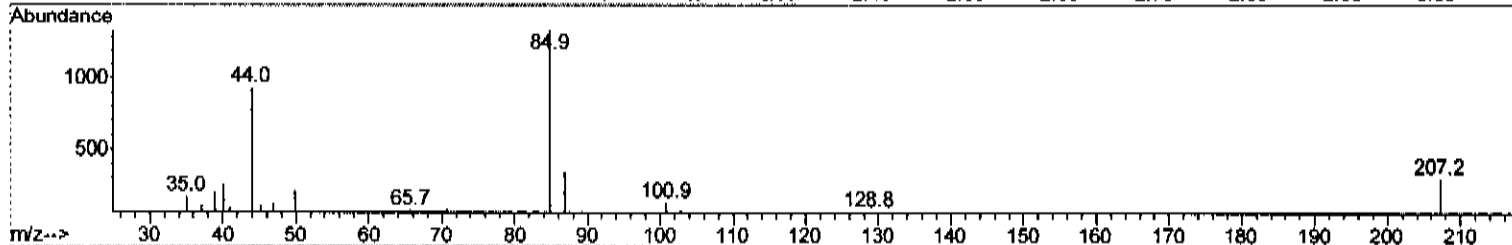
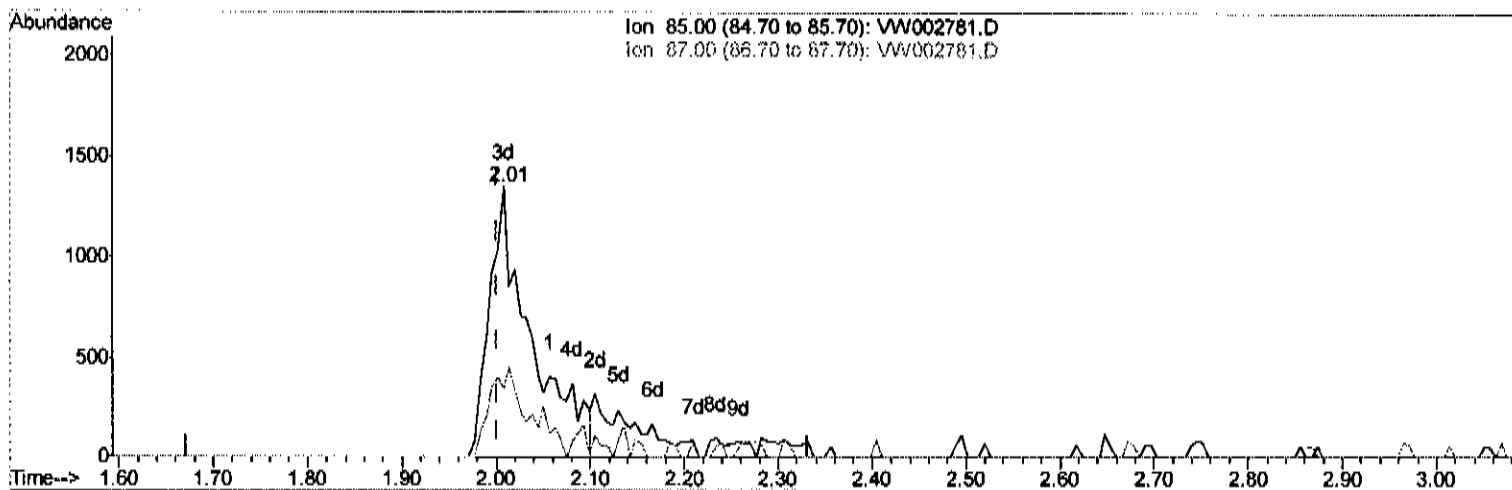
Quant Time: May 22 11:04:24 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M

Quant Title : VOC Analysis

QLast Update : Tue May 22 11:04:19 2018

Response via : Initial Calibration



TIC: VW002781.D

(2) Dichlorodifluoromethane (T)

2.008min (+0.006) 2.02ug/L m

705/25/18 sy

response 4162

Ion	Exp%	Act%
85.00	100	100
87.00	21.70	3.03#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\

Quantitation Report (Qedit)

Data File : VW002781.D

Acq On : 22 May 2018 09:49

Operator : JC/SY

Sample : VSTD2.581

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

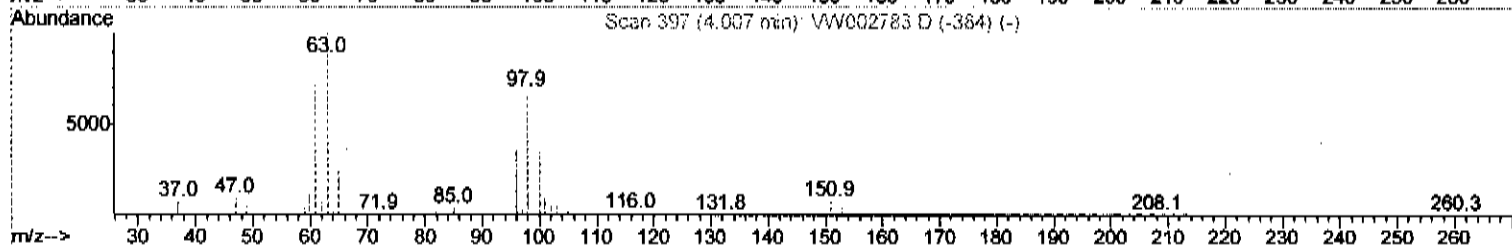
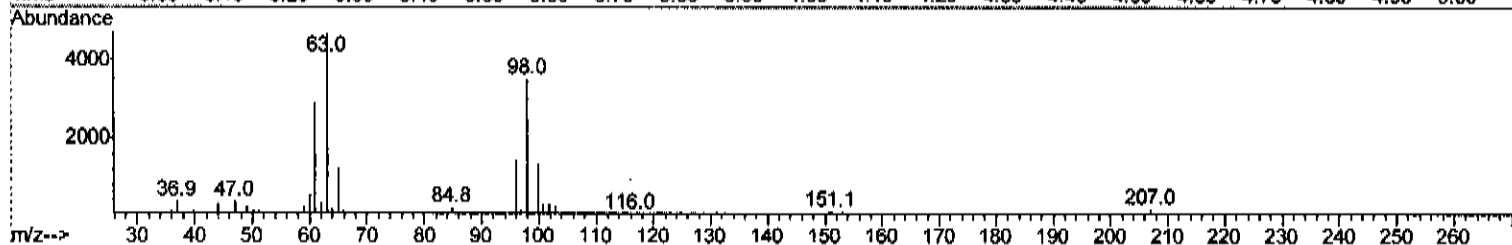
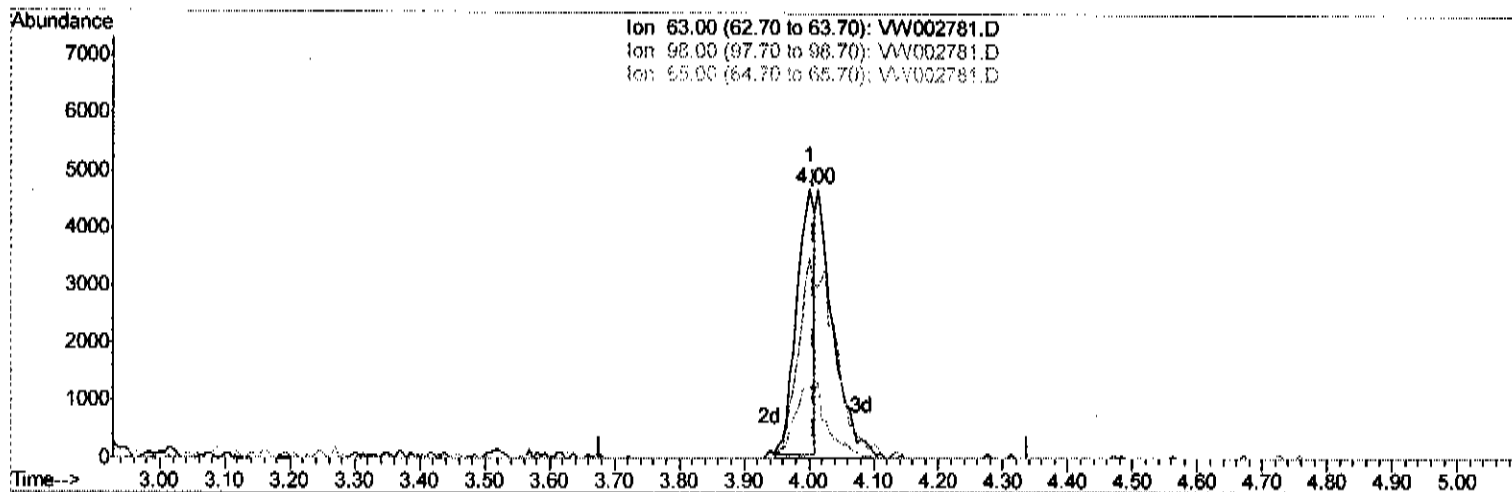
Quant Time: May 22 11:04:24 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M

Quant Title : VOC Analysis

QLast Update : Tue May 22 11:04:19 2018

Response via : Initial Calibration



TIC: VW002781.D

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

4.001min (-0.006) 1.04ug/L

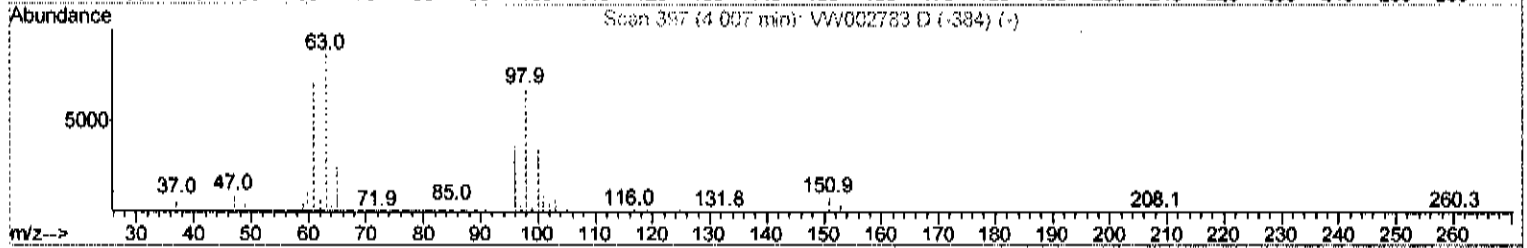
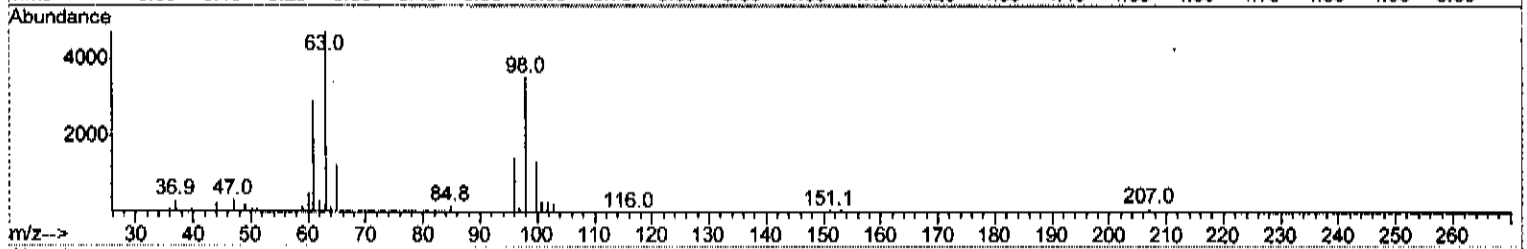
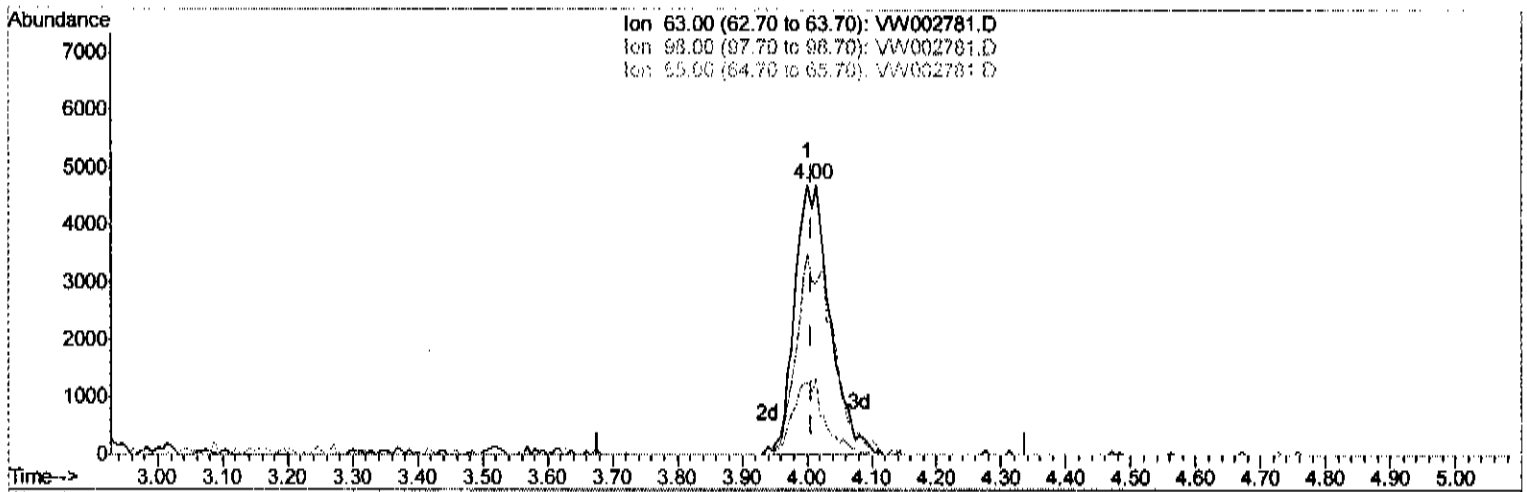
response 8842

Ion	Exp%	Act%
63.00	100	100
98.00	73.70	81.95
65.00	22.40	30.68*
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\
Quantitation Report (Qedit)

Data File : VW002781.D
Acq On : 22 May 2018 09:49
Operator : JC/SY
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:04:24 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:04:19 2018
Response via : Initial Calibration



TIC: VW002781.D

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

4.001min (-0.006) 2.11ug/L m

> 25/08/87

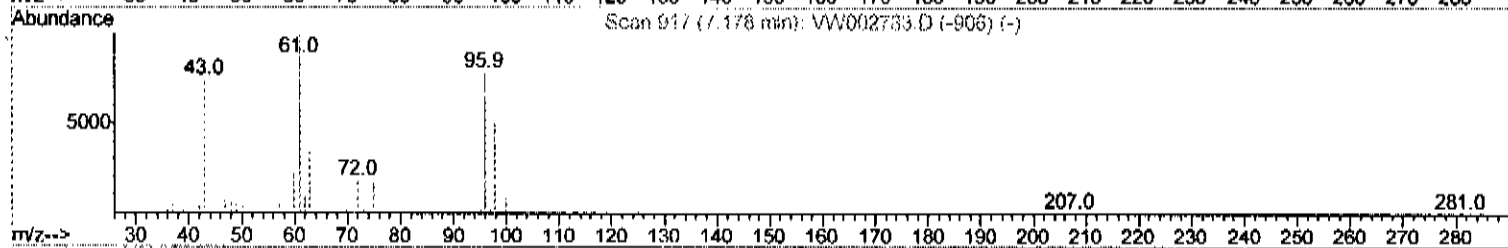
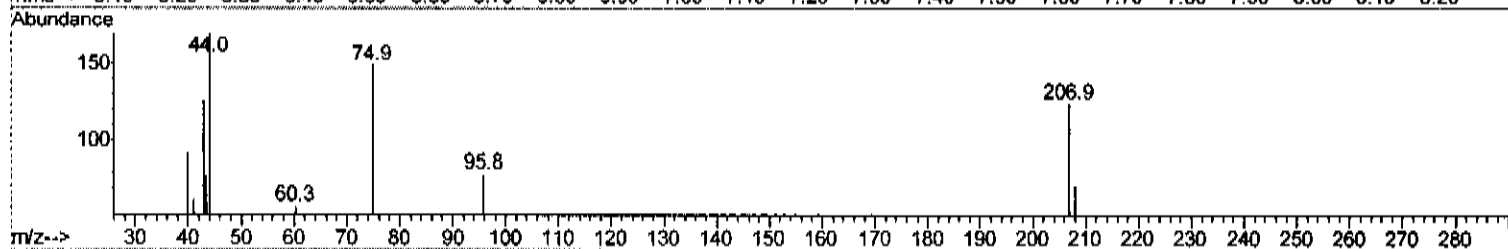
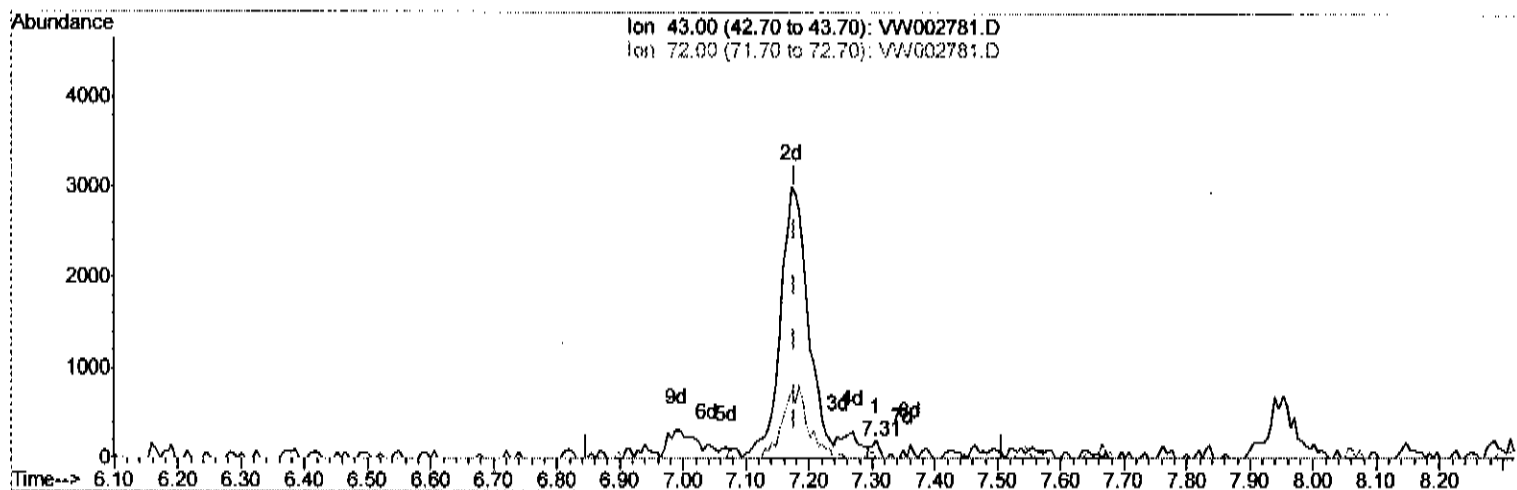
response 17933

Ion	Exp%	Act%
63.00	100	100
98.00	73.70	40.41#
65.00	22.40	15.13#
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\
Quantitation Report (Qedit)

Data File : VW002781.D
Acq On : 22 May 2018 09:49
Operator : JC/SY
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:04:24 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:04:19 2018
Response via : Initial Calibration



TIC: VW002781.D

(21) 2-Butanone

7.306min (+0.128) 0.08ug/L

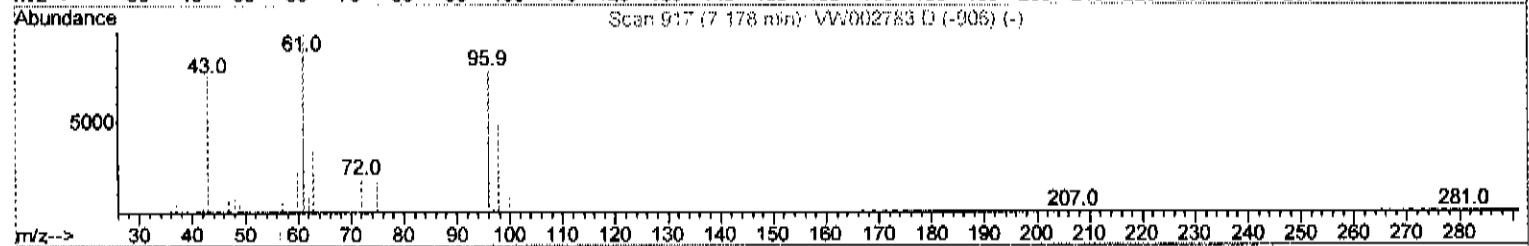
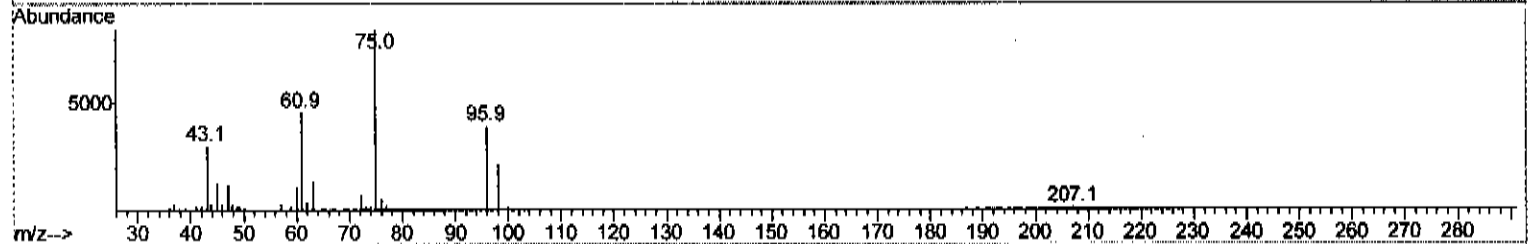
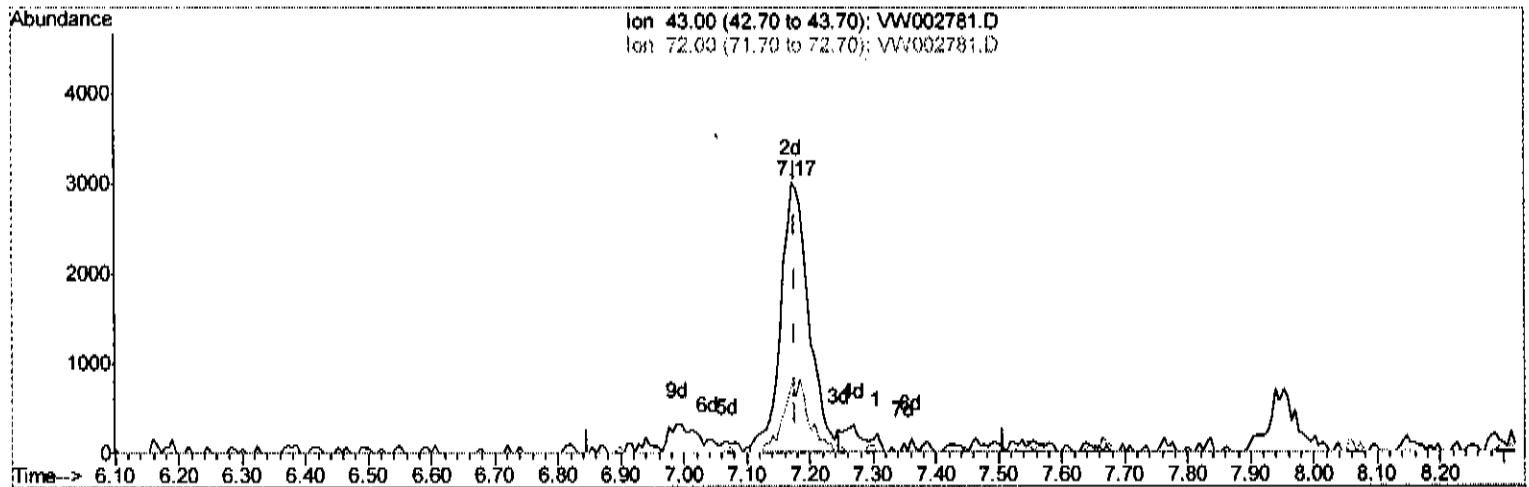
response 161

Ion	Exp%	Act%
43.00	100	100
72.00	26.70	33.54
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\
Quantitation Report (Qedit)

Data File : VW002781.D
Acq On : 22 May 2018 09:49
Operator : JC/SY
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:04:24 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:04:19 2018
Response via : Initial Calibration



TIC: VW002781.D

(21) 2-Butanone

7.172min (-0.006) 4.87ug/L m

05/25/18 8:57

response 9396

Ion	Exp%	Act%
43.00	100	100
72.00	26.70	0.57#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW002781.D

Acq On : 22 May 2018 09:49

Operator : JC/SY

Sample : VSTD2.581

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:10:50 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M

Quant Title : VOC Analysis

QLast Update : Tue May 22 11:04:19 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	330646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	313689	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	160897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	10397	2.07	ug/L	0.00
7) Chloroethane-d5	2.88	69	8351	1.84	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.00	63	17933m	2.11	ug/L	0.00
20) 2-Butanone-d5	7.09	46	7692	4.59	ug/L	0.00
24) Chloroform-d	7.65	84	18550	2.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	11285	2.18	ug/L	0.00
29) Benzene-d6	8.28	84	34338	1.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	11373	2.11	ug/L	0.00
37) Toluene-d8	10.33	98	32620	1.92	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	4812	1.88	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4941	3.66	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	11857	2.21	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	14180	2.21	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	4162m	2.02	ug/L	
3) Chloromethane	2.21	50	7883	2.51	ug/L	89
5) Vinyl chloride	2.36	62	13584	2.55	ug/L	89
6) Bromomethane	2.77	94	8083	2.15	ug/L	95
8) Chloroethane	2.92	64	7805	2.21	ug/L	96
9) Trichlorofluoromethane	3.25	101	6025	1.93	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	8938	2.17	ug/L #	81
12) 1,1-Dichloroethene	4.02	96	9334	2.46	ug/L	84
13) Acetone	4.12	43	8031	4.90	ug/L	95
14) Carbon disulfide	4.36	76	28276	2.80	ug/L	98
15) Methyl Acetate	4.67	43	5952	2.36	ug/L	95
16) Methylene chloride	4.90	84	12097	2.89	ug/L	92
17) Methyl tert-butyl Ether	5.42	73	15798	2.17	ug/L #	86
18) trans-1,2-Dichloroethene	5.41	96	9775	2.49	ug/L	90
19) 1,1-Dichloroethane	6.21	63	16658	2.31	ug/L	99
21) 2-Butanone	7.17	43	9396m	4.87	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	10356	2.32	ug/L	96
23) Bromochloromethane	7.51	128	5096	2.42	ug/L	97
25) Chloroform	7.68	83	18694	2.40	ug/L	94
27) 1,2-Dichloroethane	8.40	62	12767	2.36	ug/L	98
30) Cyclohexane	7.95	56	13671	2.13	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	14031	2.20	ug/L	98
32) Carbon tetrachloride	8.07	117	13536	2.19	ug/L	100
34) Benzene	8.32	78	37806	2.27	ug/L	100
35) Trichloroethene	9.09	95	10694	2.36	ug/L	97
36) Methylcyclohexane	9.34	83	16185	2.19	ug/L	99
40) 1,2-Dichloropropane	9.37	63	9850	2.23	ug/L #	96
41) Bromodichloromethane	9.65	83	12648	2.19	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	13934	2.03	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	15258	4.08	ug/L	100

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\
 Quantitation Report (QT Reviewed)

Data File : VW002781.D
 Acq On : 22 May 2018 09:49
 Operator : JC/SY
 Sample : VSTD2.581
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:10:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 11:04:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	40038	2.17	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	12483	2.03	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	8110	2.21	ug/L	89
47) Tetrachloroethene	10.87	164	9163	2.34	ug/L	96
49) 2-Hexanone	10.98	43	10172	3.67	ug/L	96
50) Dibromochloromethane	11.13	129	9281	2.10	ug/L	91
51) 1,2-Dibromoethane	11.24	107	8022	2.24	ug/L	92
52) Chlorobenzene	11.66	112	27510	2.23	ug/L	96
53) Ethylbenzene	11.74	91	43217	2.05	ug/L	100
54) m,p-Xylene	11.85	106	16024	2.01	ug/L	96
55) o-xylene	12.18	106	14976	1.92	ug/L	92
56) Styrene	12.19	104	24897	1.87	ug/L	98
57) Isopropylbenzene	12.48	105	40162	1.87	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.73	83	11446	2.27	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	8279	2.17	ug/L	97
62) Bromoform	12.35	173	5811	2.11	ug/L #	97
63) 1,3-Dichlorobenzene	13.51	146	21927	2.22	ug/L	94
64) 1,4-Dichlorobenzene	13.59	146	23454	2.30	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	21088	2.24	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	2065	2.39	ug/L #	72
67) 1,3,5-Trichlorobenzene	14.64	180	17824	2.23	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	14810	2.17	ug/L	98
69) Naphthalene	15.38	128	24745	1.75	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	13379	2.12	ug/L	99

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

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\

Quantitation Report (QT Reviewed)

Data File : VW002781.D

Acq On : 22 May 2018 09:49

Operator : JC/SY

Sample : VSTD2.581

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

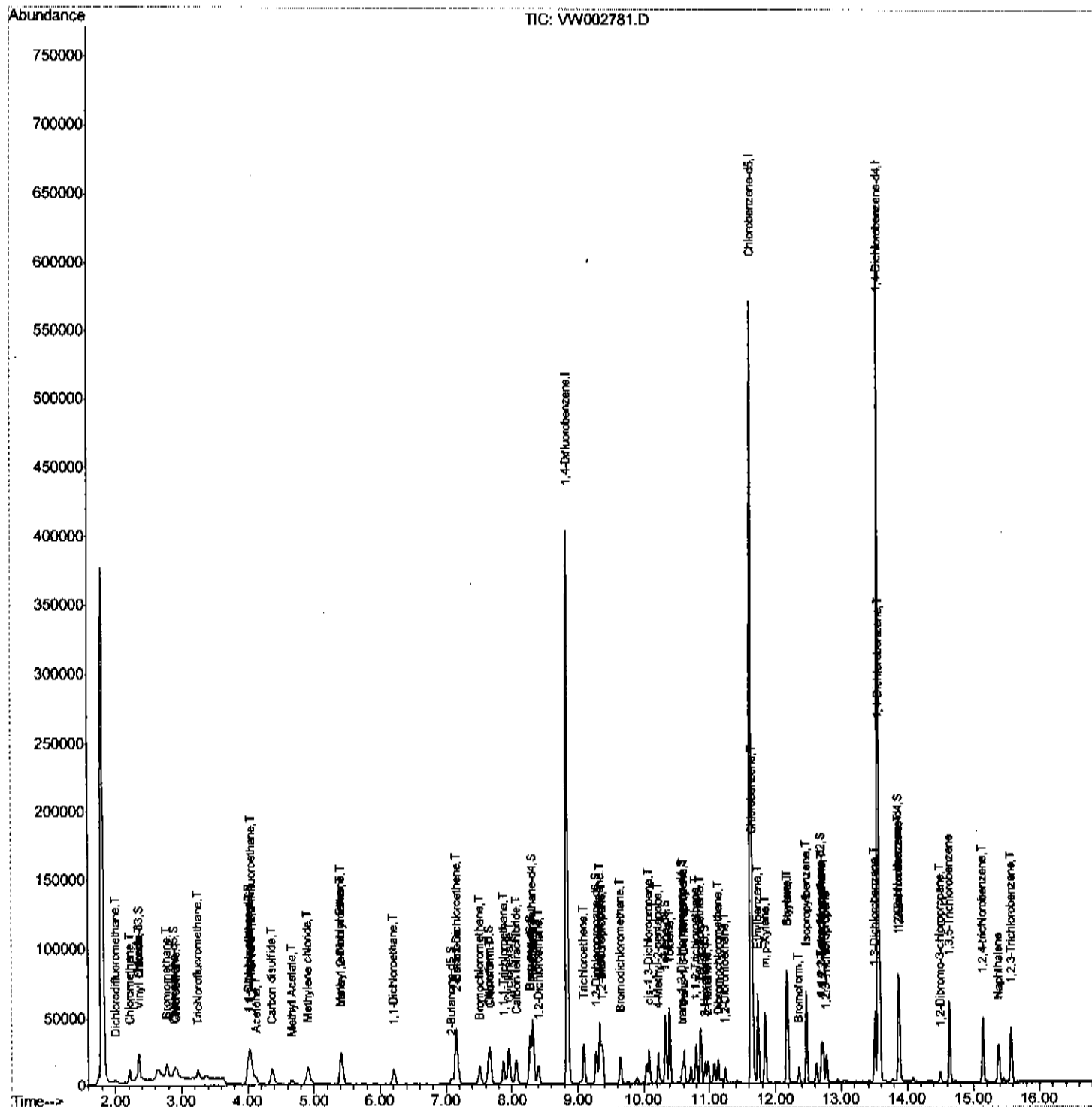
Quant Time: May 22 11:10:50 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218\$.M

Quant Title : VOC Analysis

QLast Update : Tue May 22 11:04:19 2018

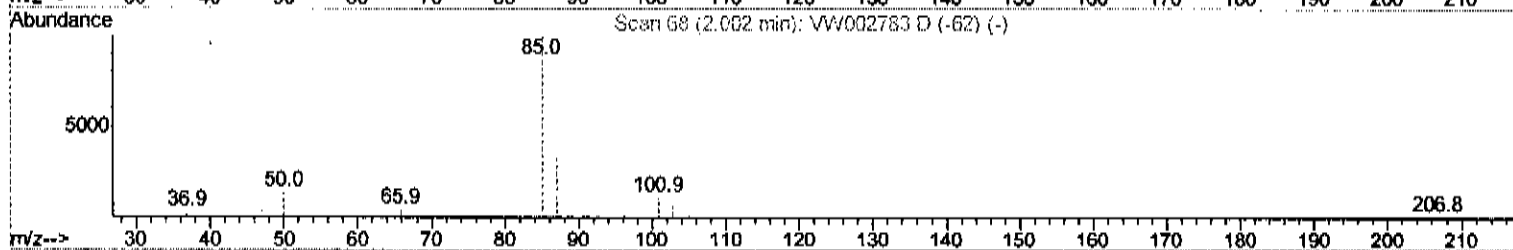
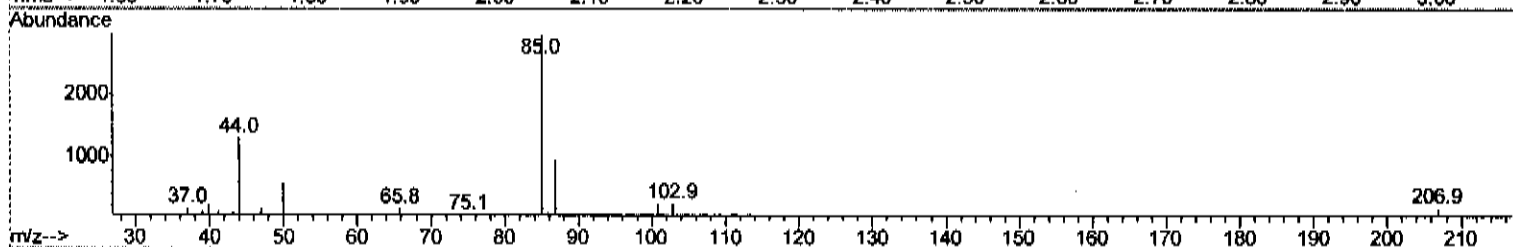
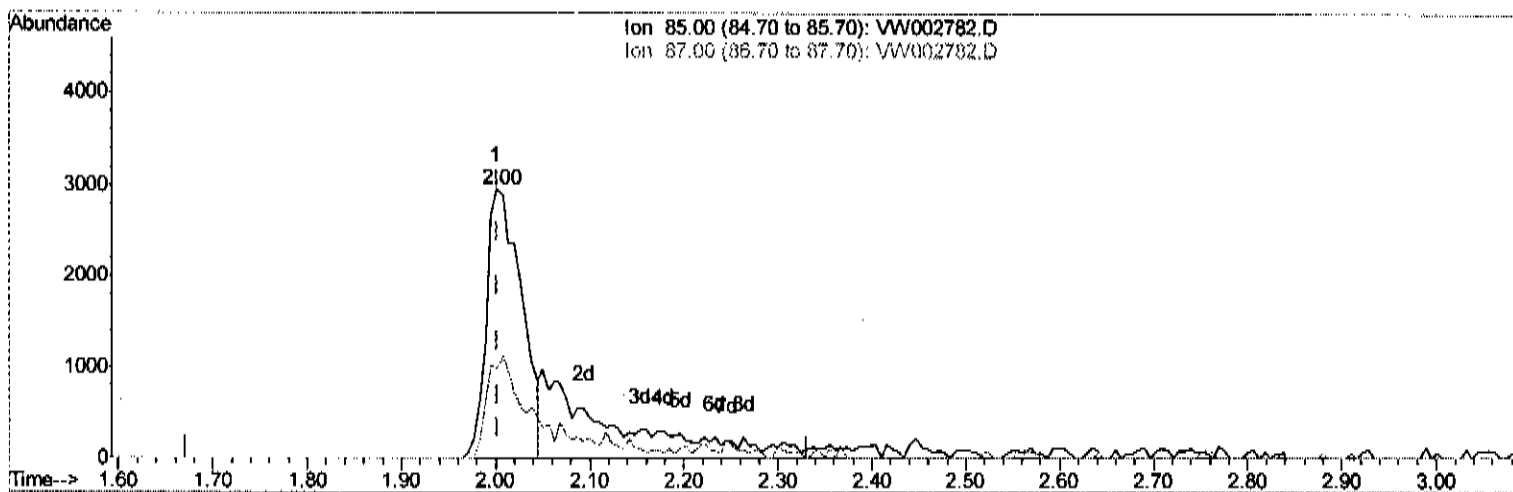
Response via : Initial Calibration



Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\
Quantitation Report (Qedit)

Data File : VW002782.D
Acq On : 22 May 2018 10:15
Operator : JC/SY
Sample : VSTD00582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:05:42 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:04:19 2018
Response via : Initial Calibration



TIC: VW002782.D

(2) Dichlorodifluoromethane (T)

2.001min (-0.000) 3.77ug/L

response 7618

Ion	Exp%	Act%
85.00	100	100
87.00	21.70	32.23#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\

Quantitation Report (Qedit)

Data File : VW002782.D

Acq On : 22 May 2018 10:15

Operator : JC/SY

Sample : VSTD00582

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

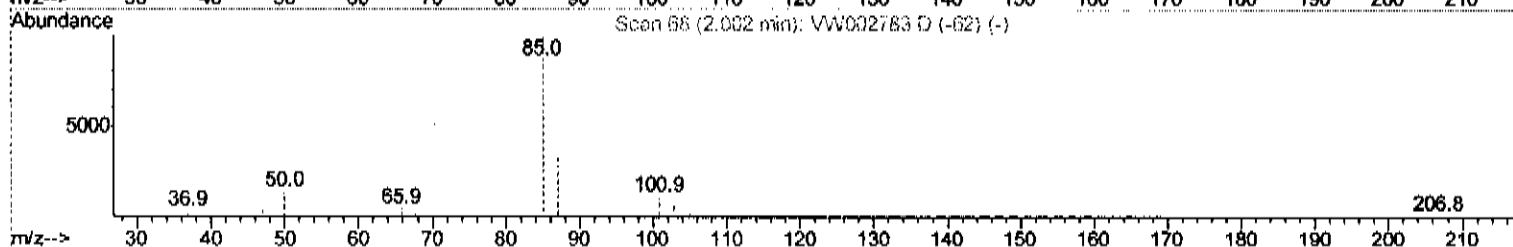
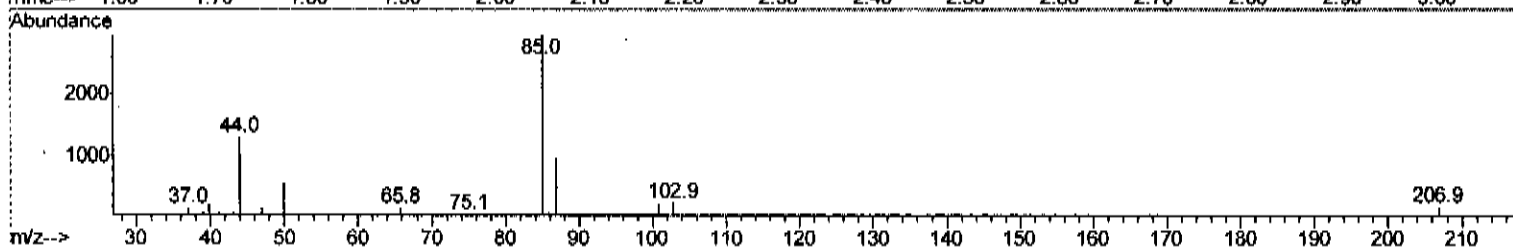
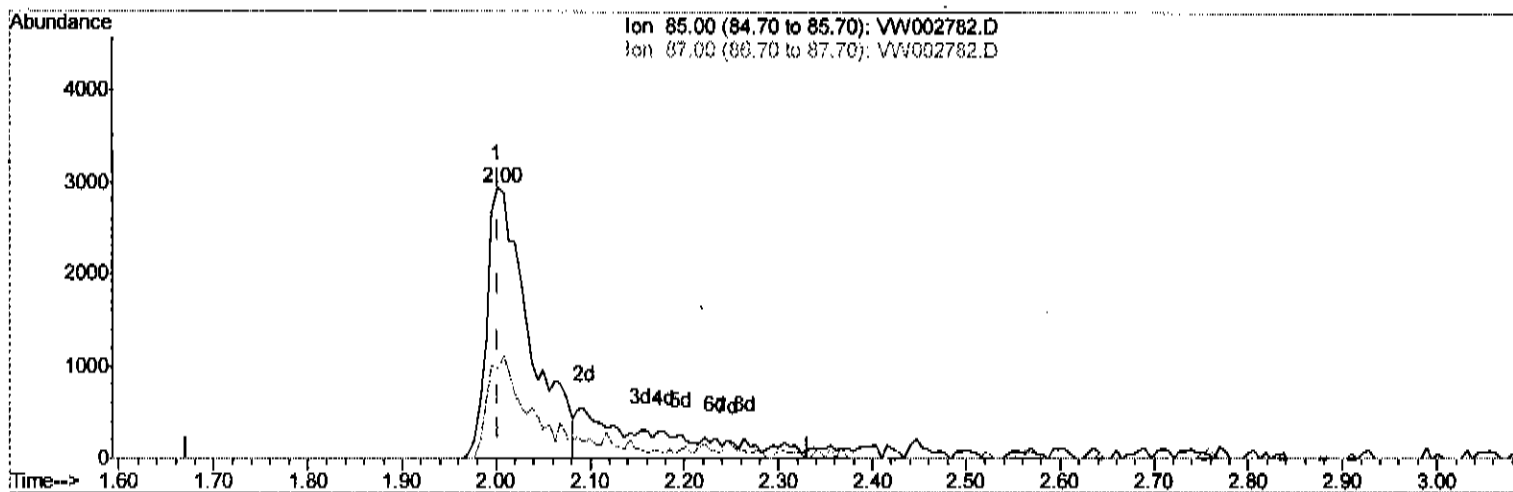
Quant Time: May 22 11:05:42 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M

Quant Title : VOC Analysis

QLast Update : Tue May 22 11:04:19 2018

Response via : Initial Calibration



TIC: VW002782.D

(2) Dichlorodifluoromethane (T)

2.001min (-0.000) 4.58ug/L m

205/25/1882

response 9252

Ion	Exp%	Act%
85.00	100	100
87.00	21.70	26.53
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW002782.D

Acq On : 22 May 2018 10:15

Operator : JC/SY

Sample : VSTD00582

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

ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:07:45 2018

Quant Method : W:\HPCHEM1\MSVOA W\METHOD\SOM2WLM052218S.M

Quant Title : VOC Analysis

QLast Update : Tue May 22 11:04:19 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	324236	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	300910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	156370	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	20718	4.20	ug/L	0.00
7) Chloroethane-d5	2.88	69	18760	4.22	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	36764	4.42	ug/L	0.00
20) 2-Butanone-d5	7.09	46	15166	9.23	ug/L	0.00
24) Chloroform-d	7.65	84	38808	4.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	23692	4.67	ug/L	0.00
29) Benzene-d6	8.27	84	71098	4.26	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	23331	4.52	ug/L	0.00
37) Toluene-d8	10.33	98	69823	4.28	ug/L	0.00
38) trans-1,3-Dichloropropene	10.59	79	10600	4.32	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	10848	8.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	24627	4.78	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	28665	4.59	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	9252m	4.58	ug/L
3) Chloromethane	2.21	50	18219	5.91	ug/L
5) Vinyl chloride	2.36	62	30929	5.92	ug/L
6) Bromomethane	2.77	94	20341	5.53	ug/L
8) Chloroethane	2.92	64	18652	5.39	ug/L
9) Trichlorofluoromethane	3.25	101	12786	4.18	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	20324	5.02	ug/L
12) 1,1-Dichloroethene	4.02	96	20507	5.51	ug/L
13) Acetone	4.12	43	14812	9.21	ug/L
14) Carbon disulfide	4.37	76	62686	6.34	ug/L
15) Methyl Acetate	4.67	43	14320	5.79	ug/L
16) Methylene chloride	4.92	84	22091	5.39	ug/L
17) Methyl tert-butyl Ether	5.43	73	36058	5.06	ug/L #
18) trans-1,2-Dichloroethene	5.40	96	21254	5.52	ug/L
19) 1,1-Dichloroethane	6.21	63	37329	5.28	ug/L
21) 2-Butanone	7.18	43	18492	9.78	ug/L
22) cis-1,2-Dichloroethene	7.17	96	22966	5.25	ug/L
23) Bromochloromethane	7.51	128	11877	5.74	ug/L
25) Chloroform	7.67	83	40287	5.27	ug/L
27) 1,2-Dichloroethane	8.40	62	29887	5.63	ug/L
30) Cyclohexane	7.95	56	31338	5.09	ug/L
31) 1,1,1-Trichloroethane	7.87	97	30817	5.04	ug/L
32) Carbon tetrachloride	8.06	117	29811	5.03	ug/L
34) Benzene	8.32	78	86260	5.41	ug/L
35) Trichloroethene	9.09	95	23983	5.52	ug/L
36) Methylcyclohexane	9.34	83	36523	5.16	ug/L
40) 1,2-Dichloropropane	9.38	63	22929	5.41	ug/L
41) Bromodichloromethane	9.65	83	28254	5.10	ug/L
42) cis-1,3-Dichloropropene	10.08	75	32700	4.98	ug/L
43) 4-Methyl-2-pentanone	10.22	43	36767	10.25	ug/L

Qvalue

05/25/18 SY

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\

Quantitation Report (QT Reviewed)

Data File : VW002782.D

Acq On : 22 May 2018 10:15

Operator : JC/SY

Sample : VSTD00582

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:07:45 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M

Quant Title : VOC Analysis

QLast Update : Tue May 22 11:04:19 2018

Response via : Initial Calibration

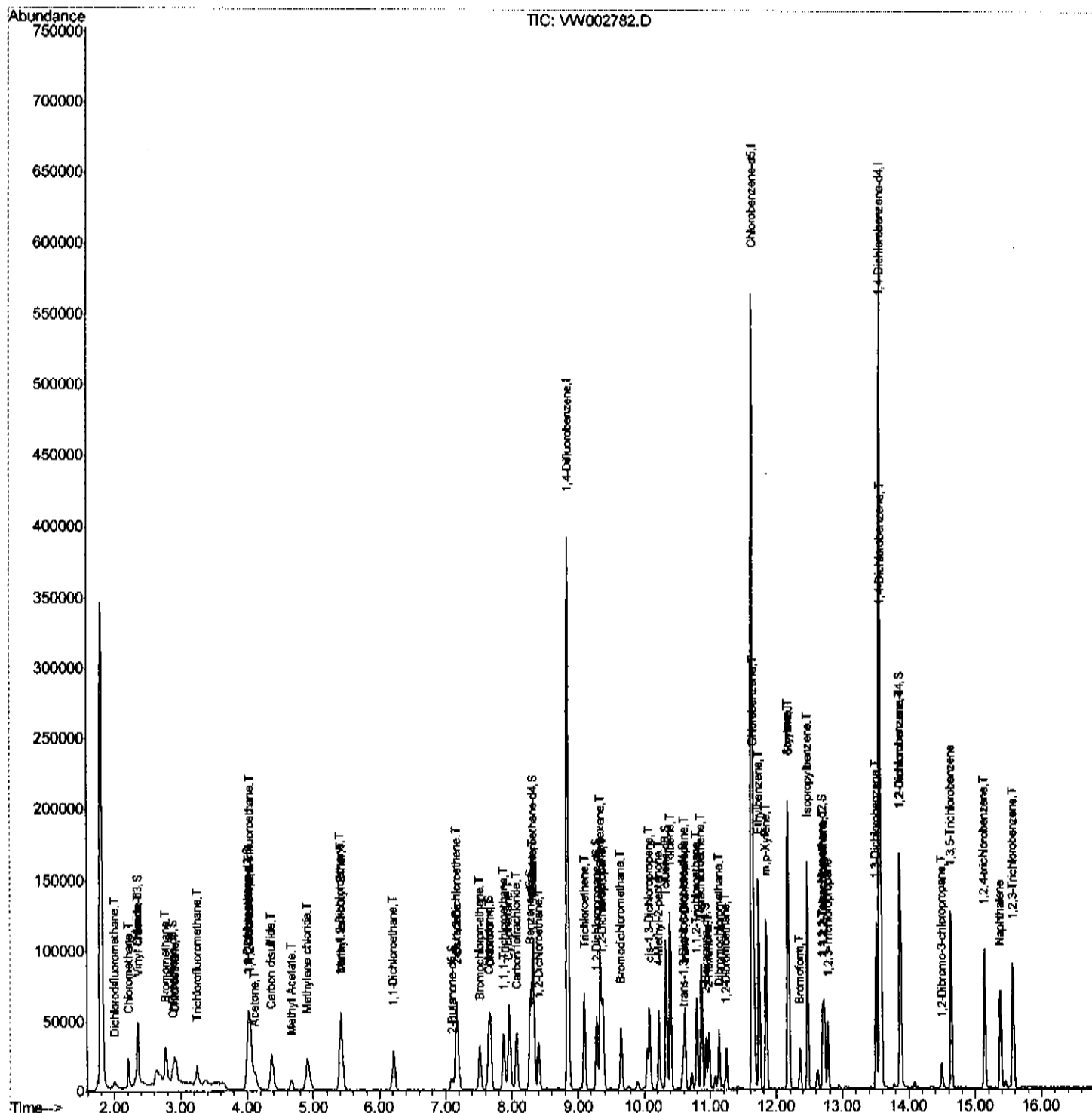
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	91624	5.17	ug/L	97
45) trans-1,3-Dichloropropene	10.62	75	28846	4.88	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	18544	5.26	ug/L	95
47) Tetrachloroethene	10.87	164	20242	5.39	ug/L	97
49) 2-Hexanone	10.98	43	26484	9.96	ug/L	99
50) Dibromochloromethane	11.13	129	21323	5.02	ug/L	100
51) 1,2-Dibromoethane	11.24	107	18259	5.32	ug/L	99
52) Chlorobenzene	11.66	112	61541	5.19	ug/L	98
53) Ethylbenzene	11.74	91	99726	4.93	ug/L	99
54) m,p-Xylene	11.85	106	38974	5.08	ug/L	88
55) o-xylene	12.18	106	35542	4.76	ug/L	94
56) Styrene	12.19	104	62448	4.89	ug/L	98
57) Isopropylbenzene	12.48	105	97076	4.70	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.73	83	24979	5.16	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	18843	5.14	ug/L	100
62) Bromoform	12.35	173	13679	5.10	ug/L #	97
63) 1,3-Dichlorobenzene	13.51	146	48401	5.04	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	51959	5.24	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	48258	5.28	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.50	75	4384	5.22	ug/L	91
67) 1,3,5-Trichlorobenzene	14.65	180	39631	5.10	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	31776	4.80	ug/L	97
69) Naphthalene	15.38	128	58798	4.28	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	30968	5.05	ug/L	99

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

Quantitation Report (QT Reviewed)

ALS Vial : 1 Sample Multiplier: 1

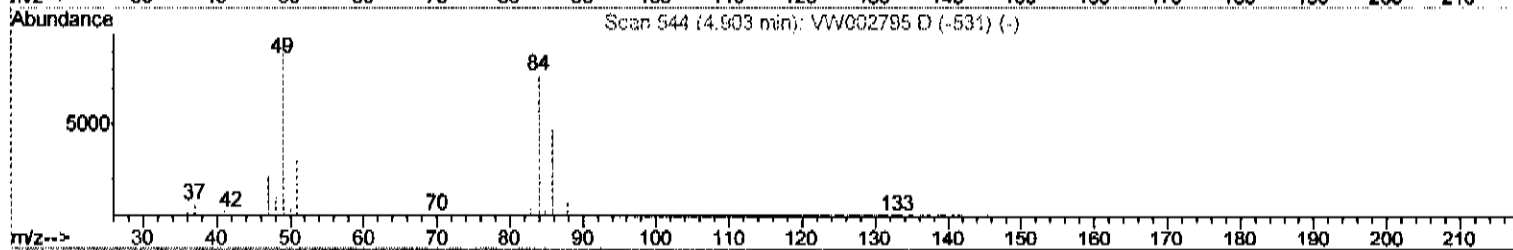
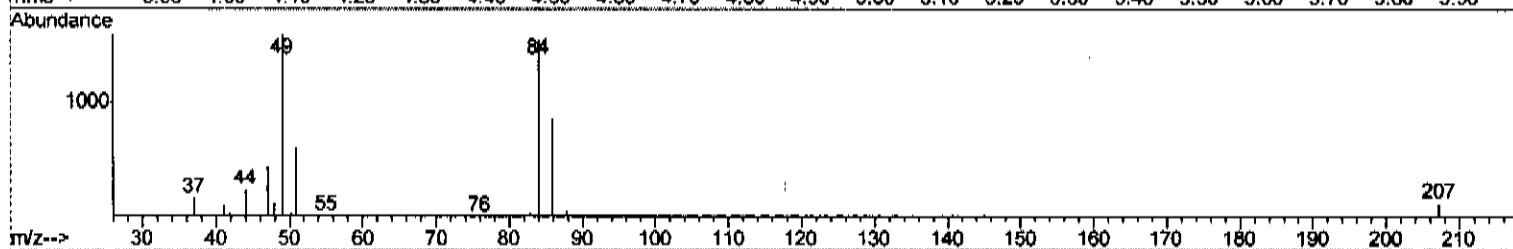
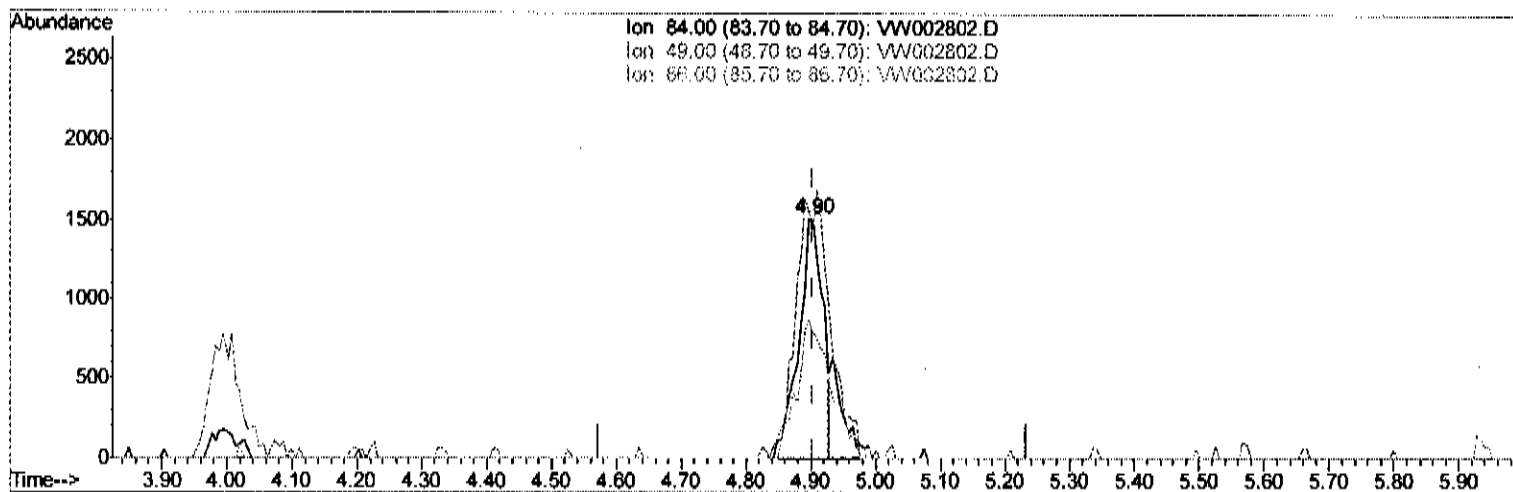
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002802.D
Acq On : 22 May 2018 23:44
Operator : JC/SY
Sample : J2952-16RE
Misc : 6.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:56:22 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



TIC: VW002802.D

(16) Methylene chloride (T)

4.897min (-0.006) 2.04ug/L

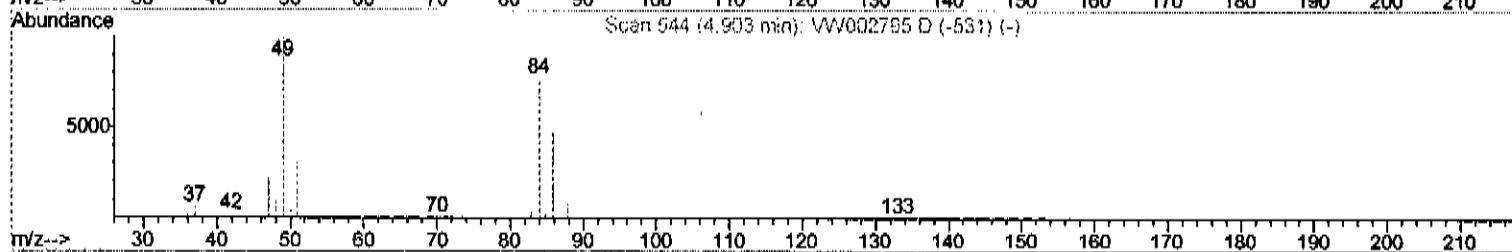
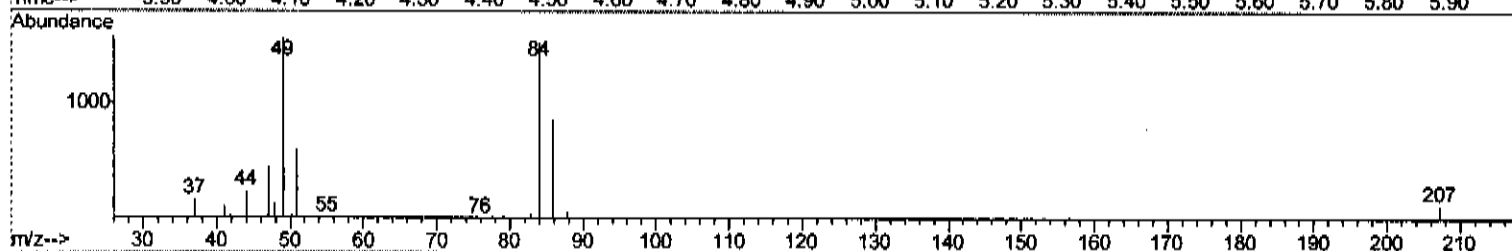
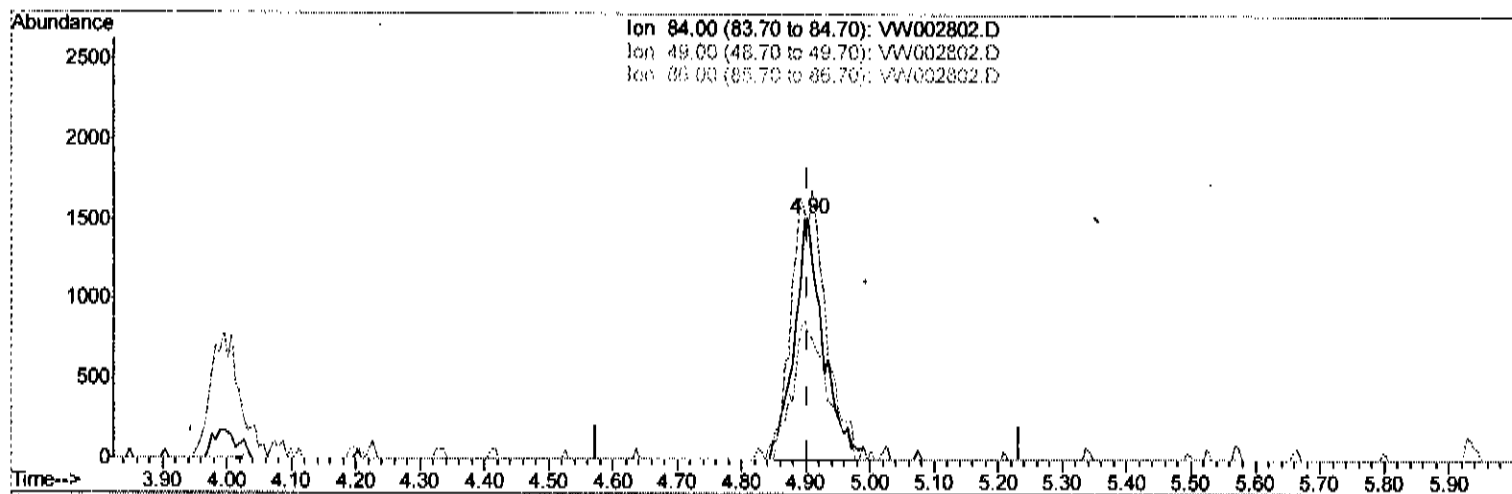
response 3914

Ion	Exp%	Act%
84.00	100	100
49.00	127.40	102.84
86.00	66.20	57.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002802.D
Acq On : 22 May 2018 23:44
Operator : JC/SY
Sample : J2952-16RE
Misc : 6.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:56:22 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



TIC: VW002802.D

(16) Methylene chloride (T)

4.897min (-0.006) 2.48ug/L m

4/25/18 sy

response 4766

Ion	Exp%	Act%
84.00	100	100
49.00	127.40	102.84
86.00	66.20	57.56
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002802.D
 Acq On : 22 May 2018 23:44
 Operator : JC/SY
 Sample : J2952-16RE
 Misc : 6.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 07:52:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	148782	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	113645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	29150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	54626	28.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.48%
7) Chloroethane-d5	2.88	69	46244	27.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.40%
10) 1,1-Dichloroethene-d2	4.00	63	65363	19.55	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.20%
20) 2-Butanone-d5	7.08	46	35124	45.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.26%
24) Chloroform-d	7.65	84	113054	31.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.80%
26) 1,2-Dichloroethane-d4	8.31	65	66519	30.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.56%
29) Benzene-d6	8.27	84	196887	36.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.72%#
33) 1,2-Dichloropropane-d6	9.28	67	71182	40.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.00%#
37) Toluene-d8	10.33	98	161340	30.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.00%
38) trans-1,3-Dichloropropene-	10.59	79	18195	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	10.93	63	24112	48.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.30%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	67253	35.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.52%#
61) 1,2-Dichlorobenzene-d4	13.87	152	35771	33.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.56%#

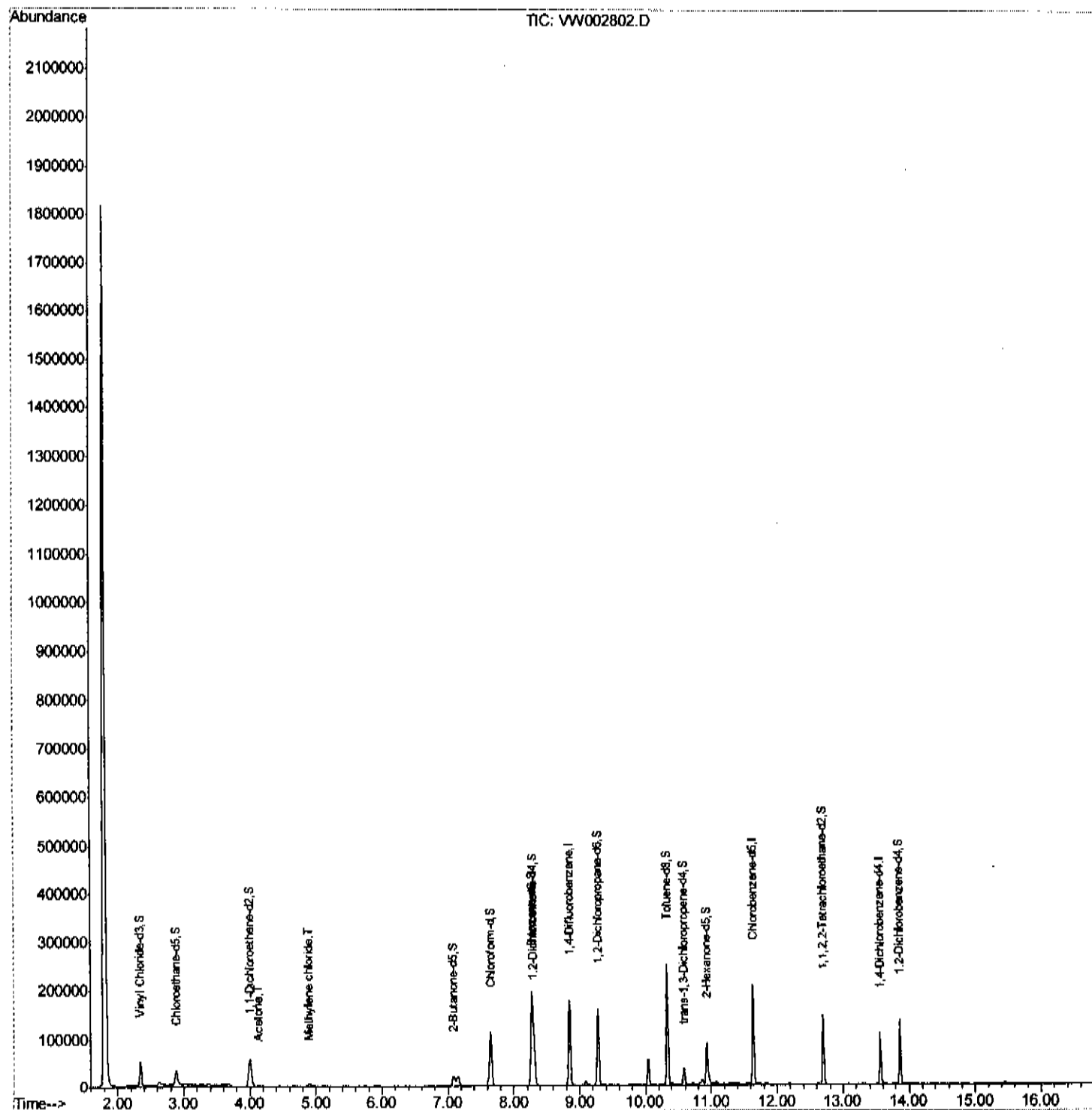
Target Compounds

					Qvalue
13) Acetone	4.12	43	2749	3.99	ug/L 99
16) Methylene chloride	4.90	84	4766m	2.48	ug/L

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

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002802.D
Acq On : 22 May 2018 23:44
Operator : JC/SY
Sample : J2952-16RE
Misc : 6.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

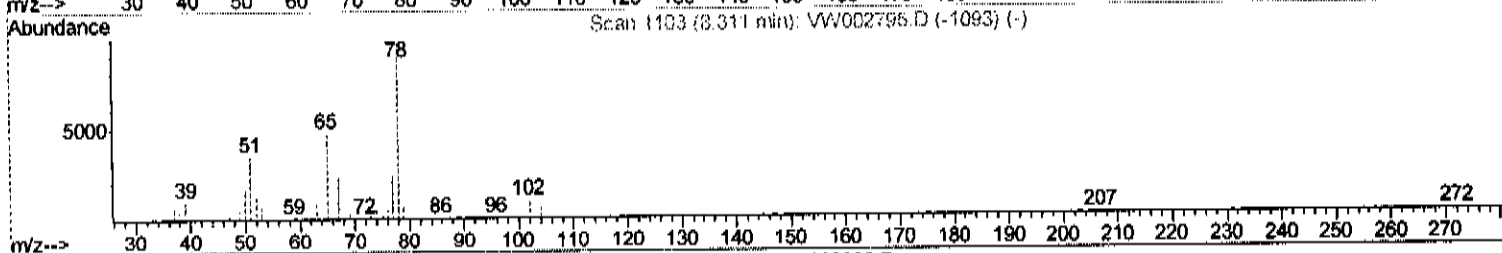
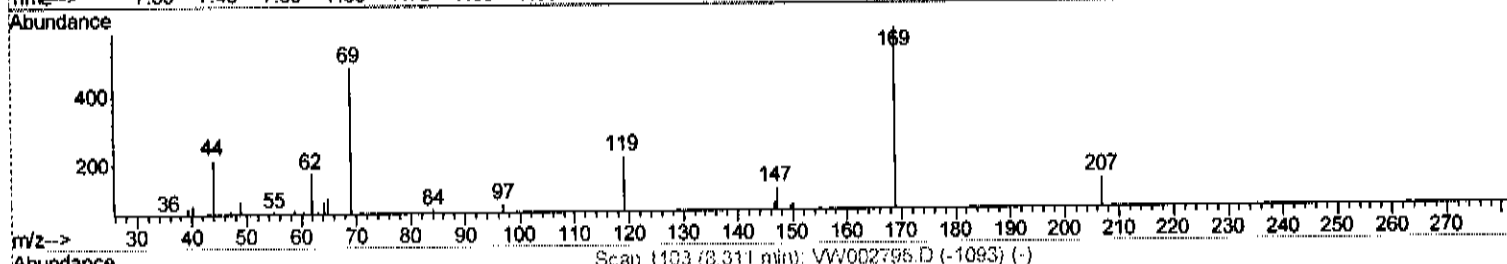
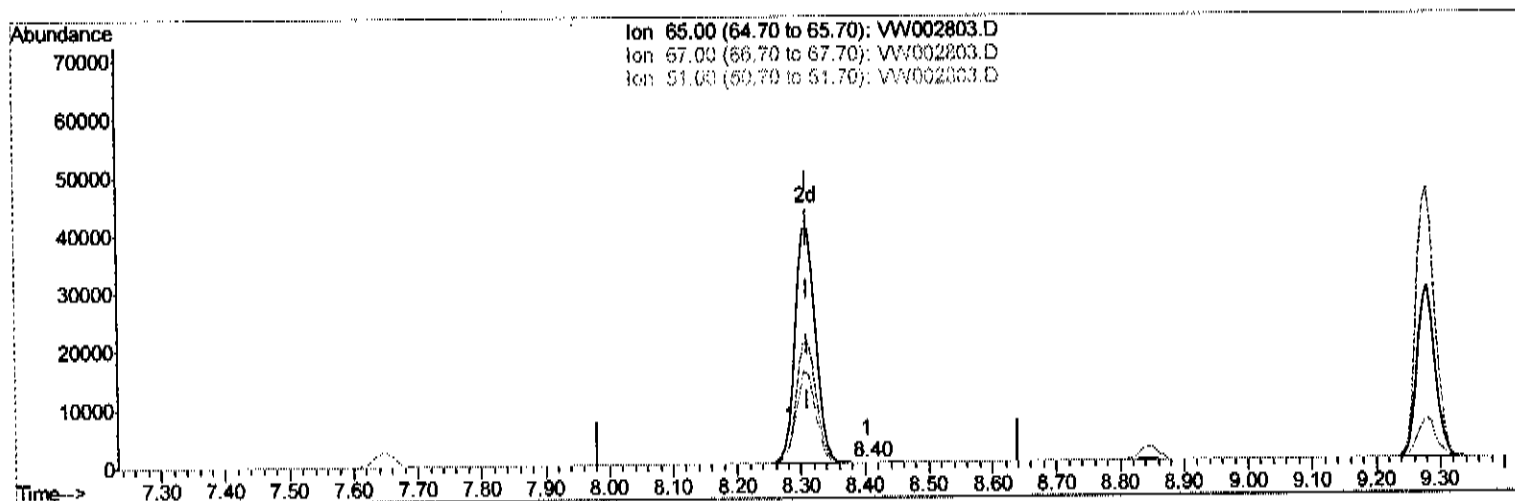
Quant Time: May 23 07:52:39 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002803.D
 Acq On : 23 May 2018 00:10
 Operator : JC/SY
 Sample : J2952-17RE
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 07:55:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration



TIC: VW002803.D

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

8.403min (+0.092) 0.03ug/L

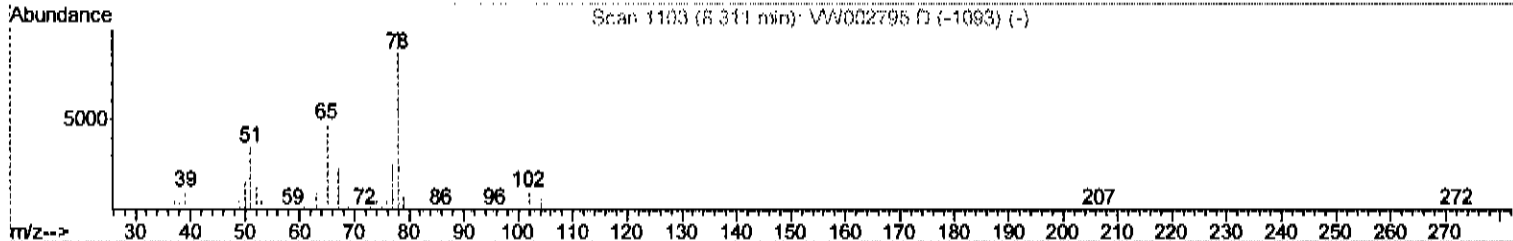
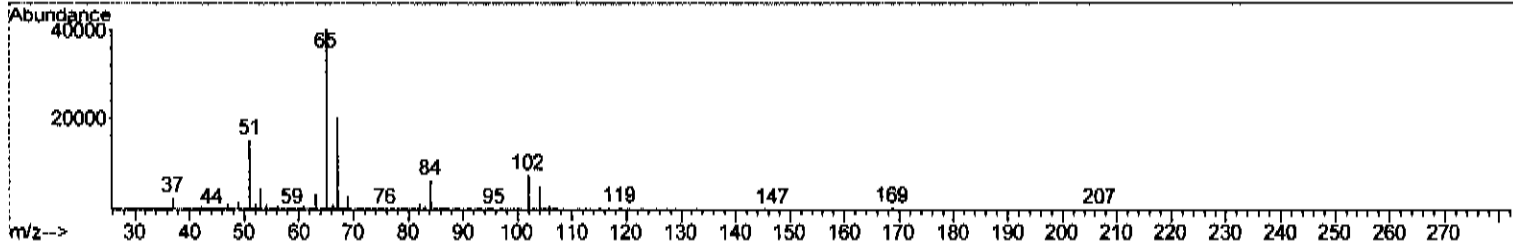
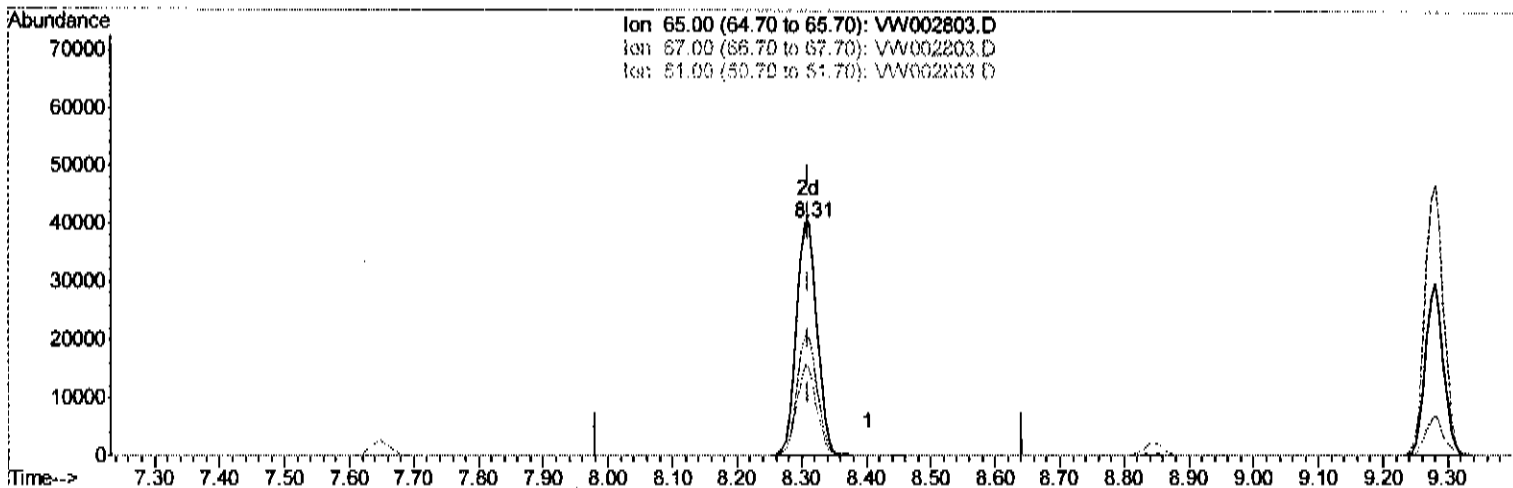
response 104

Ion	Exp%	Act%
65.00	100	100
67.00	52.00	43.27
51.00	93.00	66.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002803.D
 Acq On : 23 May 2018 00:10
 Operator : JC/SY
 Sample : J2952-17RE
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 07:55:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration



TIC: VW002803.D

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

8.312min (+0.000) 28.18ug/L m

205/25/1884

response 90274

Ion	Exp%	Act%
65.00	100	100
67.00	52.00	0.05#
51.00	93.00	0.08#
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002803.D
 Acq On : 23 May 2018 00:10
 Operator : JC/SY
 Sample : J2952-17RE
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 07:56:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	221270	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	153727	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	40268	25.00	ug/L	0.00

System Monitoring Compounds

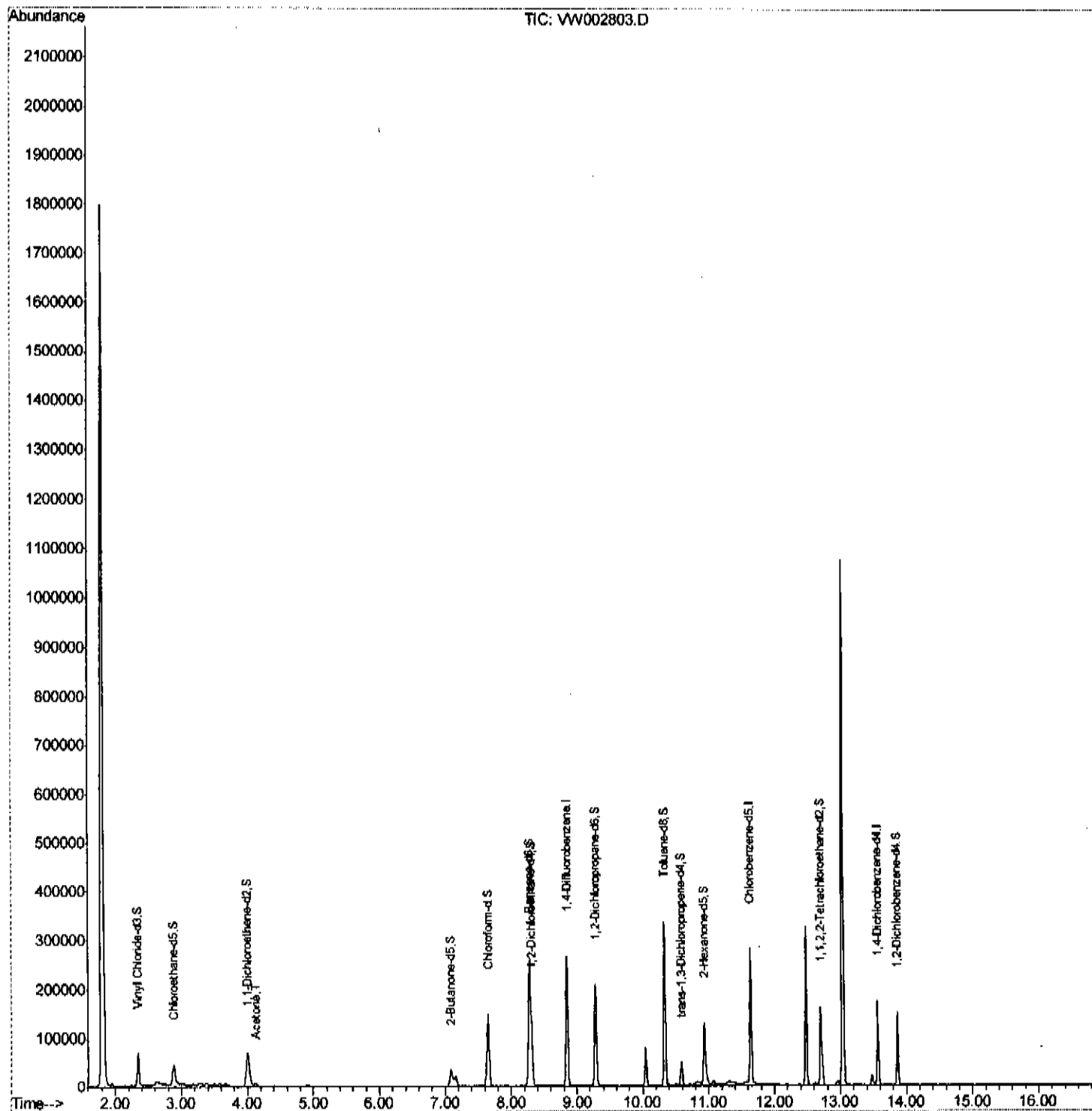
4) Vinyl Chloride-d3	2.34	65	73461	25.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.52%		
7) Chloroethane-d5	2.89	69	63959	25.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	100.80%		
10) 1,1-Dichloroethene-d2	4.00	63	90582	18.22	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.88%		
20) 2-Butanone-d5	7.08	46	56742	49.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.04%		
24) Chloroform-d	7.65	84	146761	27.67	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	110.68%		
26) 1,2-Dichloroethane-d4	8.31	65	90274m	28.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.72%		
29) Benzene-d6	8.28	84	264434	36.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	144.68%#		
33) 1,2-Dichloropropane-d6	9.28	67	94077	39.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	159.28%#		
37) Toluene-d8	10.33	98	214776	29.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	119.08%		
38) trans-1,3-Dichloropropene-	10.58	79	26491	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.76%		
39) 2-Hexanone-d5	10.93	63	35268	52.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.22%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	73485	28.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.52%		
61) 1,2-Dichlorobenzene-d4	13.87	152	39444	26.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.60%		

Target Compounds					Qvalue
13) Acetone	4.13	43	10768	10.52 ug/L	93

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

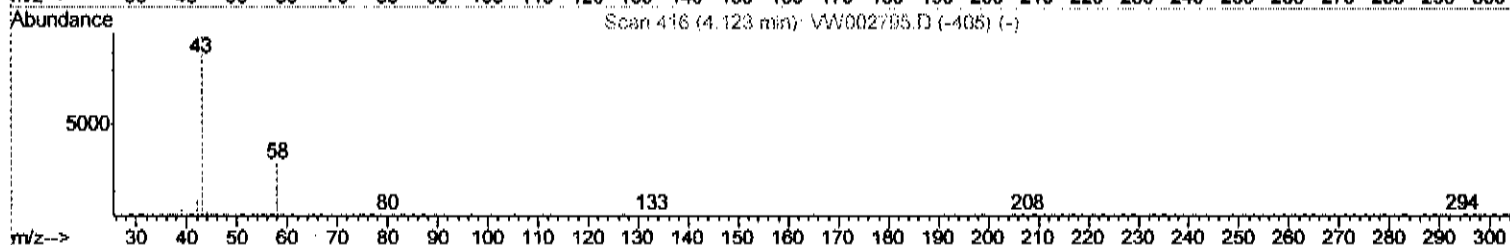
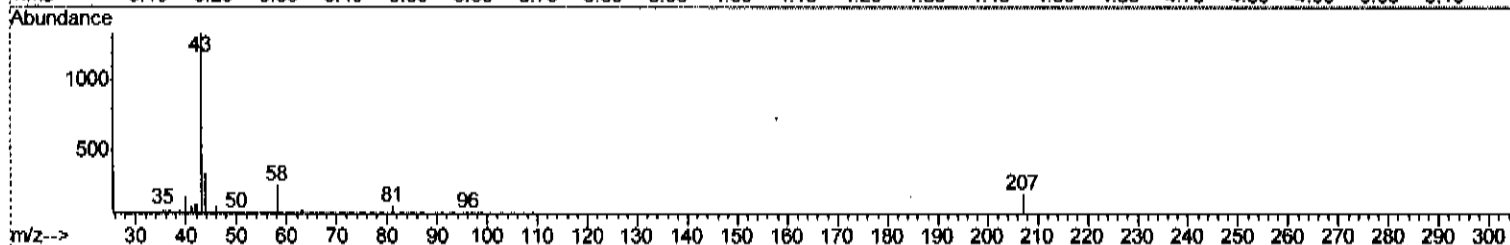
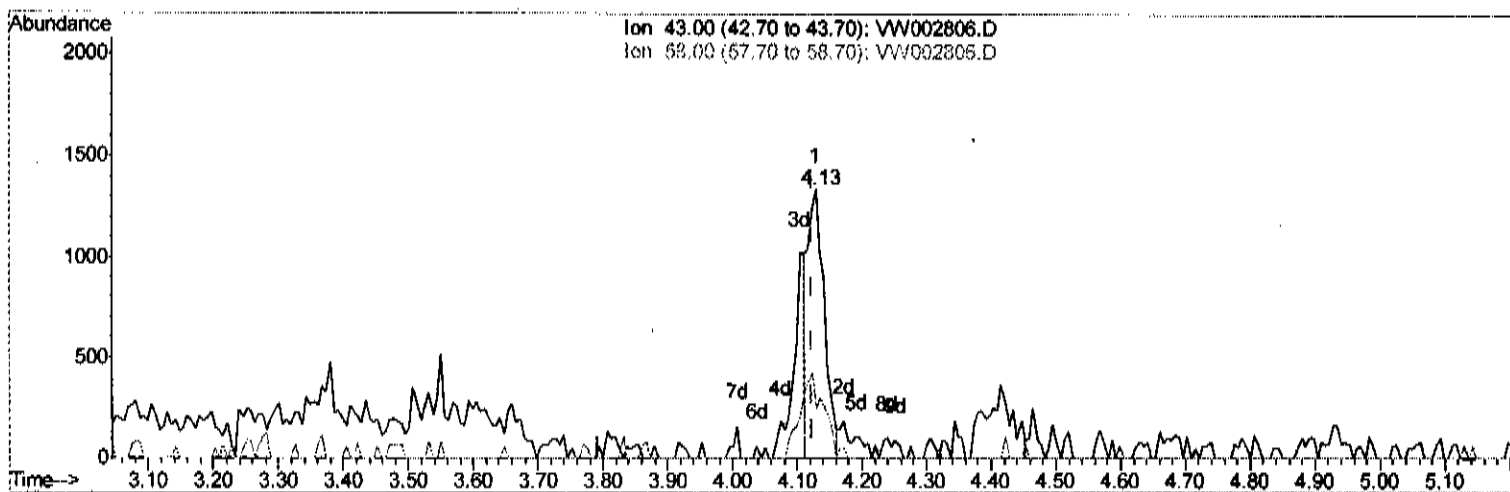
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Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 07:56:24 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002806.D
Acq On : 23 May 2018 01:28
Operator : JC/SY
Sample : J3042-06
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:56:52 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



TIC: VW002806.D

(13) Acetone (T)

4.130min (+0.006) 7.82ug/L

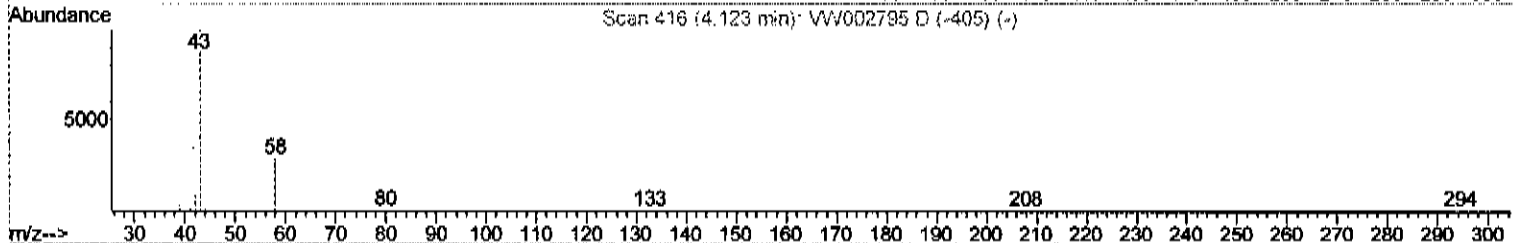
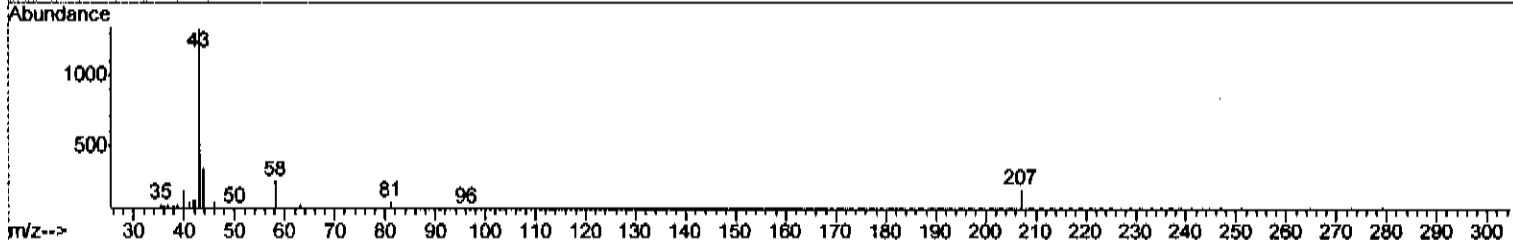
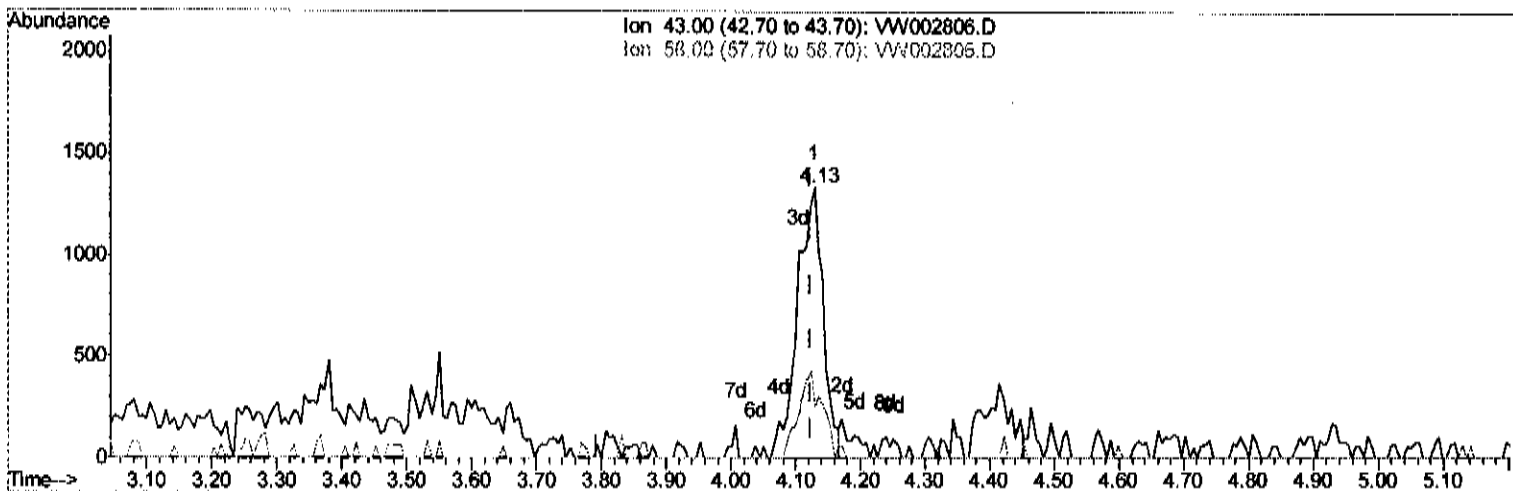
response 2344

Ion	Exp%	Act%
43.00	100	100
58.00	29.90	30.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002806.D
 Acq On : 23 May 2018 01:28
 Operator : JC/SY
 Sample : J3042-06
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:56:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration



TIC: VW002806.D

(13) Acetone (T)

4.130min (+0.006) 12.34ug/L m

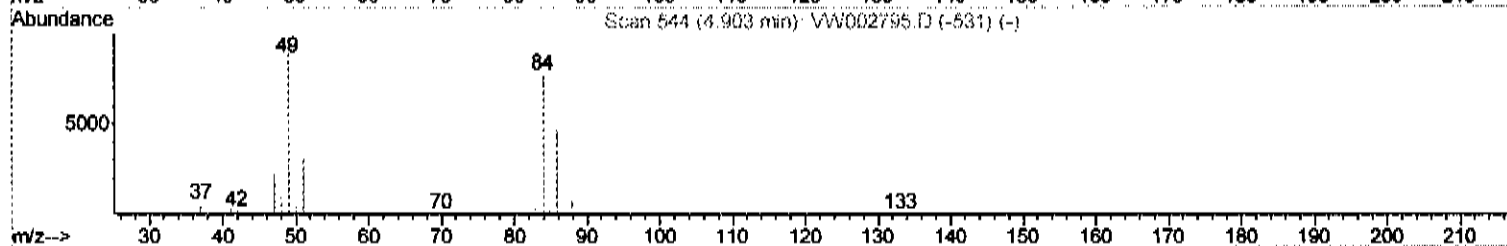
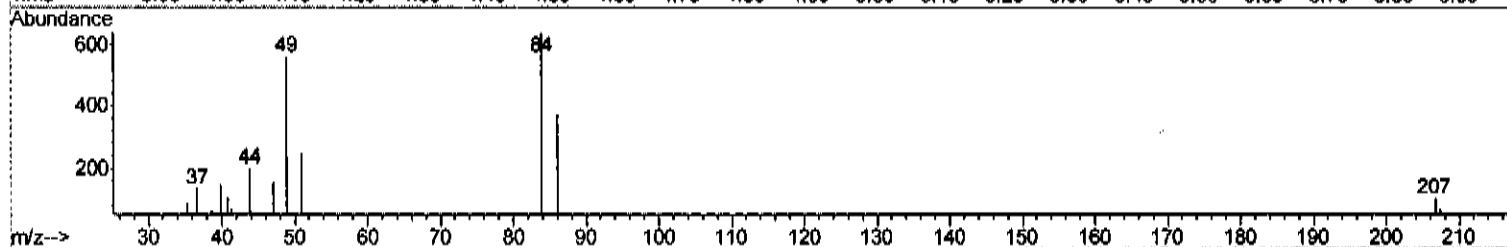
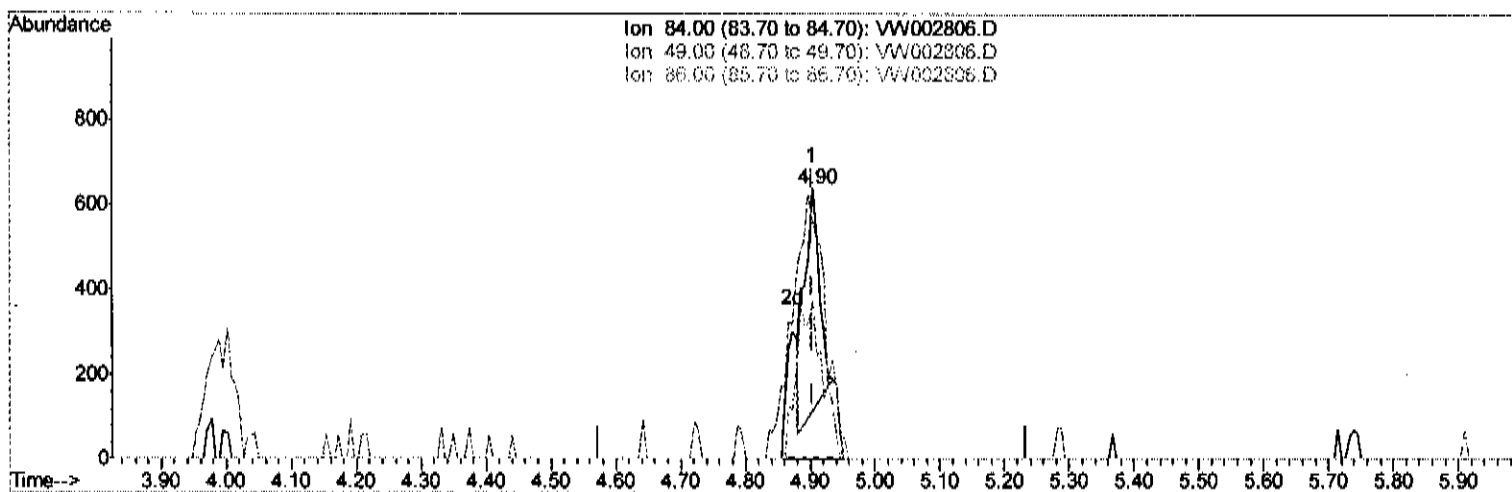
Handwritten signature: 5/26/18 Sy

response 3699

Ion	Exp%	Act%
43.00	100	100
58.00	29.90	19.33
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002806.D
Acq On : 23 May 2018 01:28
Operator : JC/SY
Sample : J3042-06
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 08:03:39 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



TIC: VW002806.D

(16) Methylene chloride (T)

4.904min (+0.000) 1.04ug/L

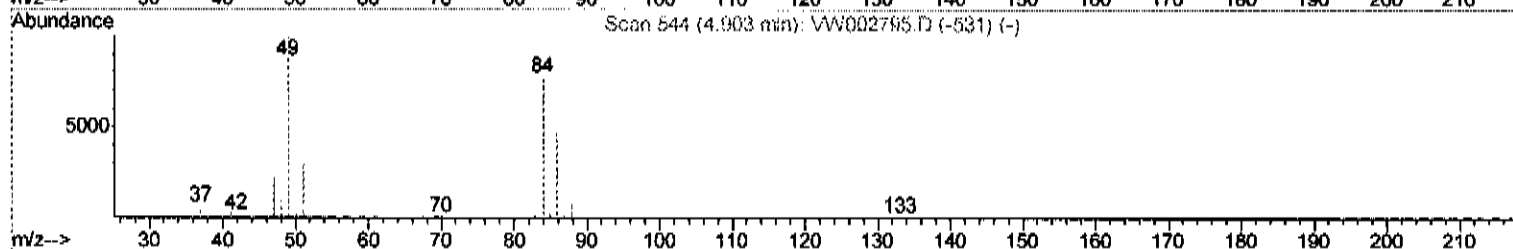
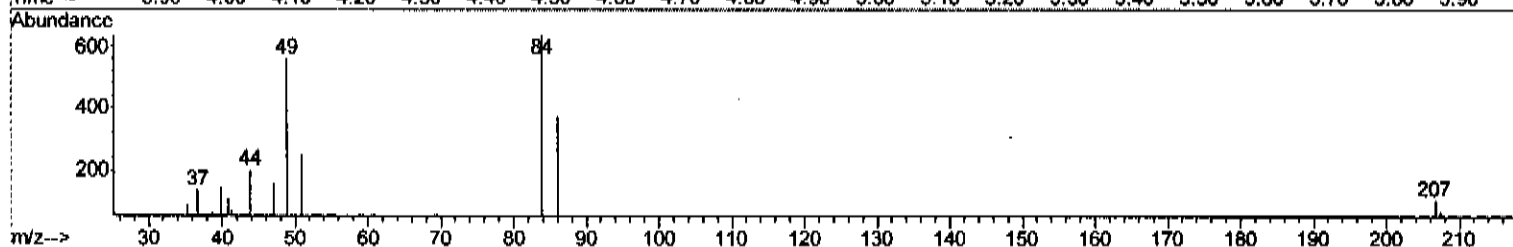
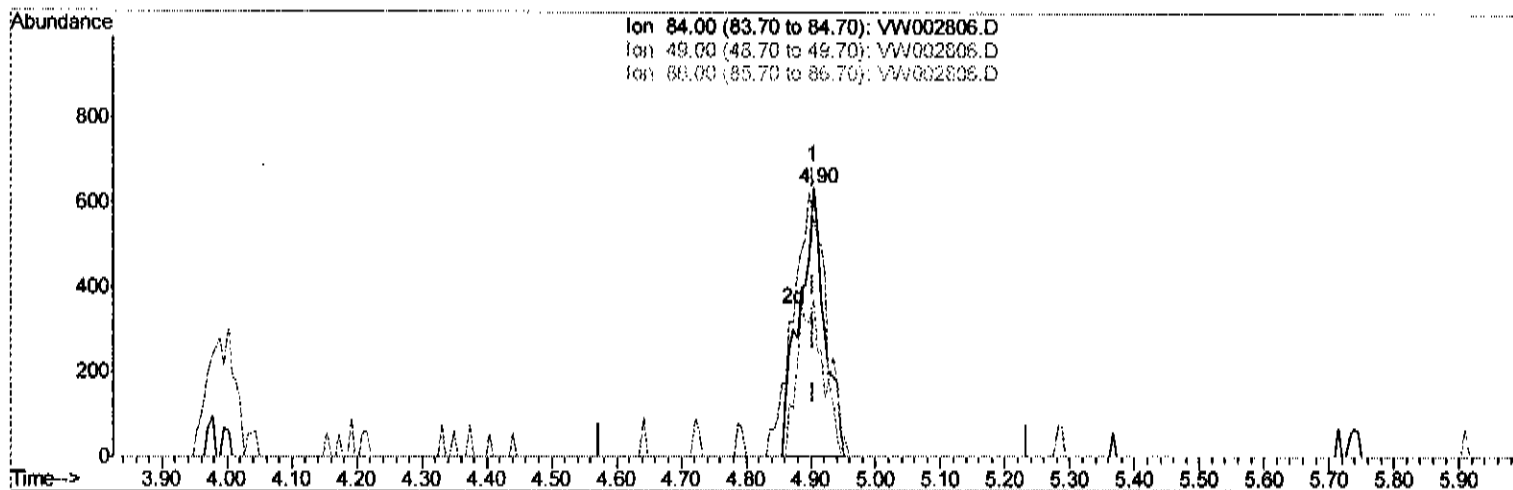
response 874

Ion	Exp%	Act%
84.00	100	100
49.00	127.40	87.77#
86.00	66.20	58.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002806.D
 Acq On : 23 May 2018 01:28
 Operator : JC/SY
 Sample : J3042-06
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 08:03:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration



TIC: VW002806.D

(16) Methylene chloride (T)

4.904min (+0.000) 2.07ug/L m *205/25/18 827*

response 1731

Ion	Exp%	Act%
84.00	100	100
49.00	127.40	87.77#
66.00	66.20	58.15
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002806.D
 Acq On : 23 May 2018 01:28
 Operator : JC/SY
 Sample : J3042-06
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 08:06:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	64776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	70117	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	31951	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	14692	17.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.72%
7) Chloroethane-d5	2.89	69	13764	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.08%
10) 1,1-Dichloroethene-d2	4.00	63	21495	14.77	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.08%
20) 2-Butanone-d5	7.08	46	29981	88.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.94%#
24) Chloroform-d	7.65	84	40725	26.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.92%
26) 1,2-Dichloroethane-d4	8.31	65	31408	33.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.00%#
29) Benzene-d6	8.28	84	69599	20.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.48%
33) 1,2-Dichloropropane-d6	9.28	67	27698	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.80%
37) Toluene-d8	10.33	98	62701	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.20%
38) trans-1,3-Dichloropropene-	10.59	79	12327	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.68%
39) 2-Hexanone-d5	10.93	63	18675	61.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.14%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	36160	30.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.44%#
61) 1,2-Dichlorobenzene-d4	13.87	152	29913	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

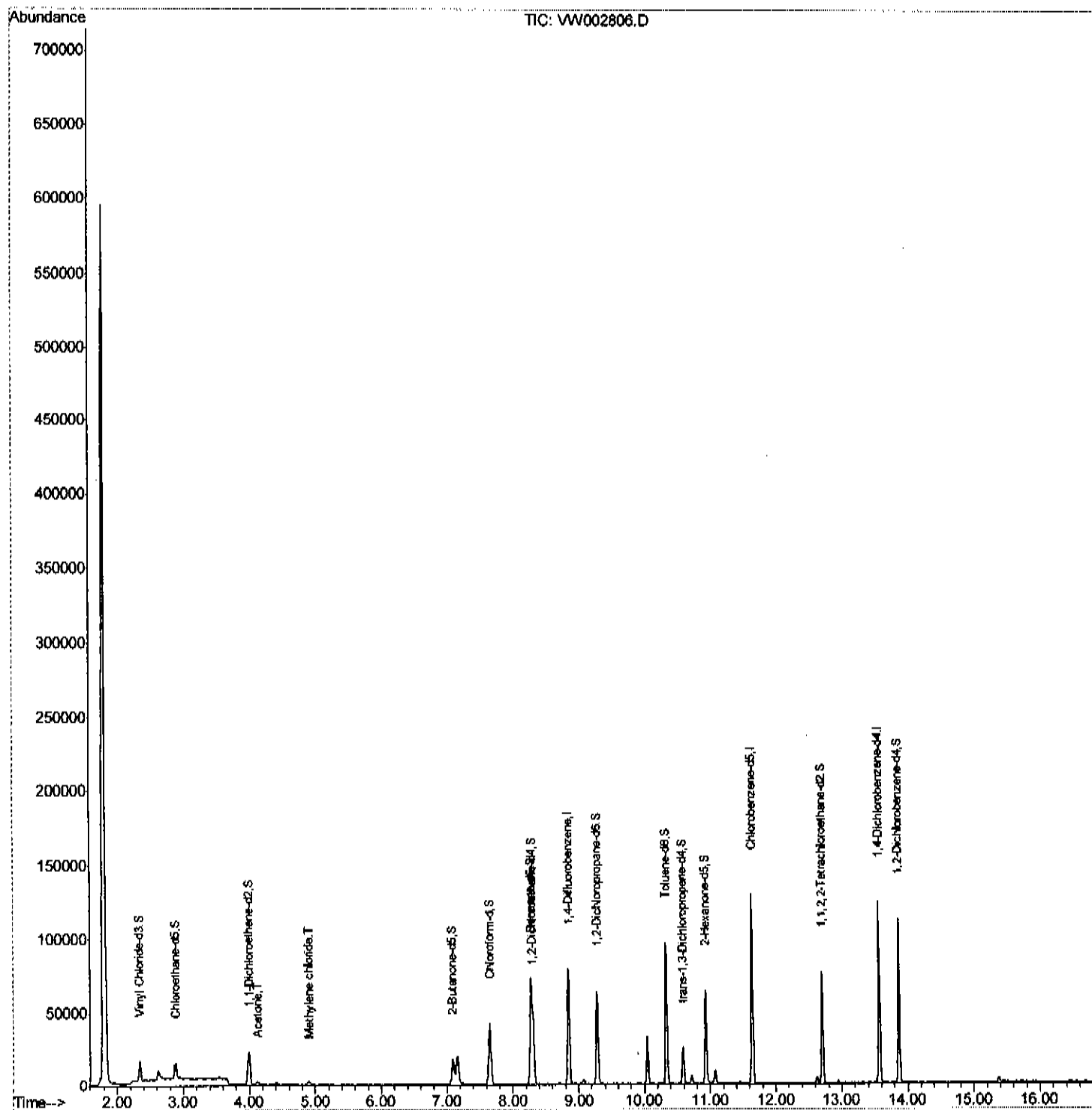
Target Compounds

				Qvalue
13) Acetone	4.13	43	3699m	12.34 ug/L
16) Methylene chloride	4.90	84	1731m	2.07 ug/L

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

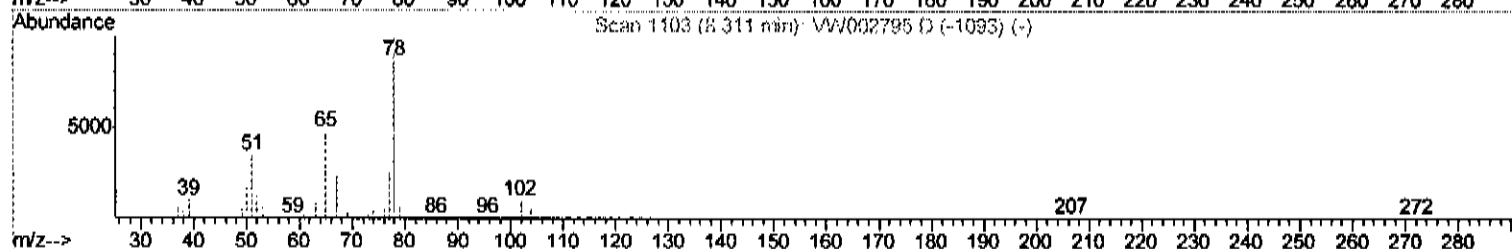
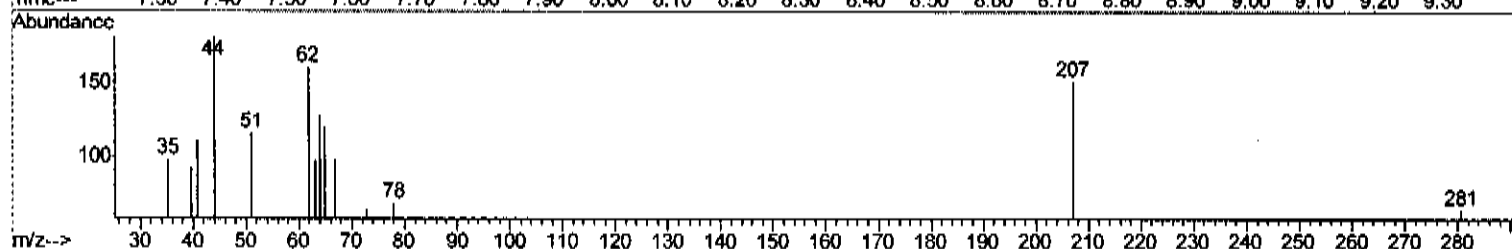
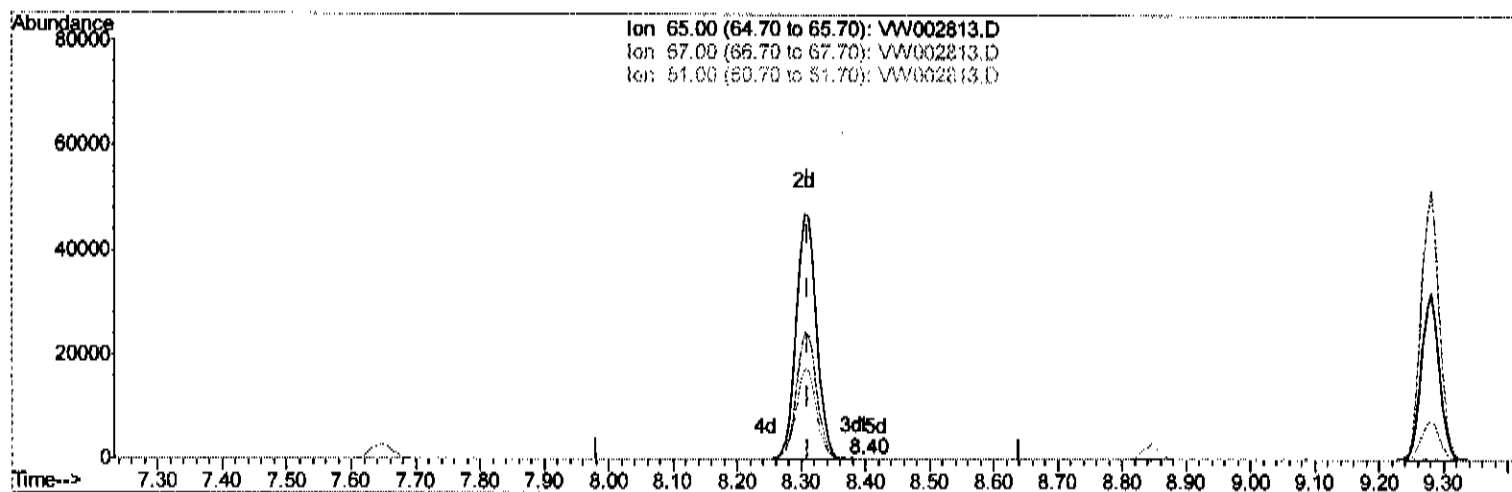
Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002806.D
Acq On : 23 May 2018 01:28
Operator : JC/SY
Sample : J3042-06
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 08:06:26 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002813.D
Acq On : 23 May 2018 04:31
Operator : JC/SY
Sample : J3042-05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:57:51 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



TIC: VW002813.D

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

8.397min (+0.086) 0.03ug/L

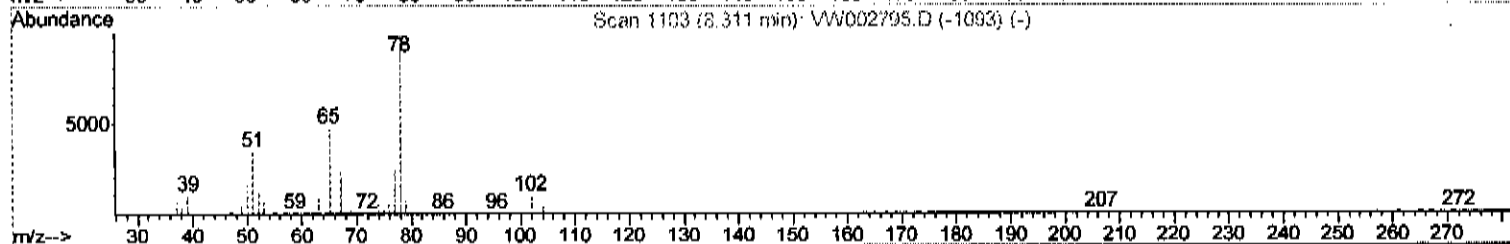
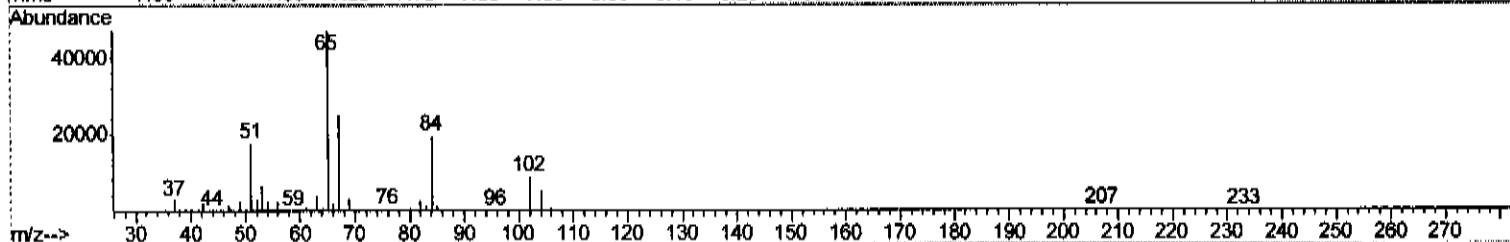
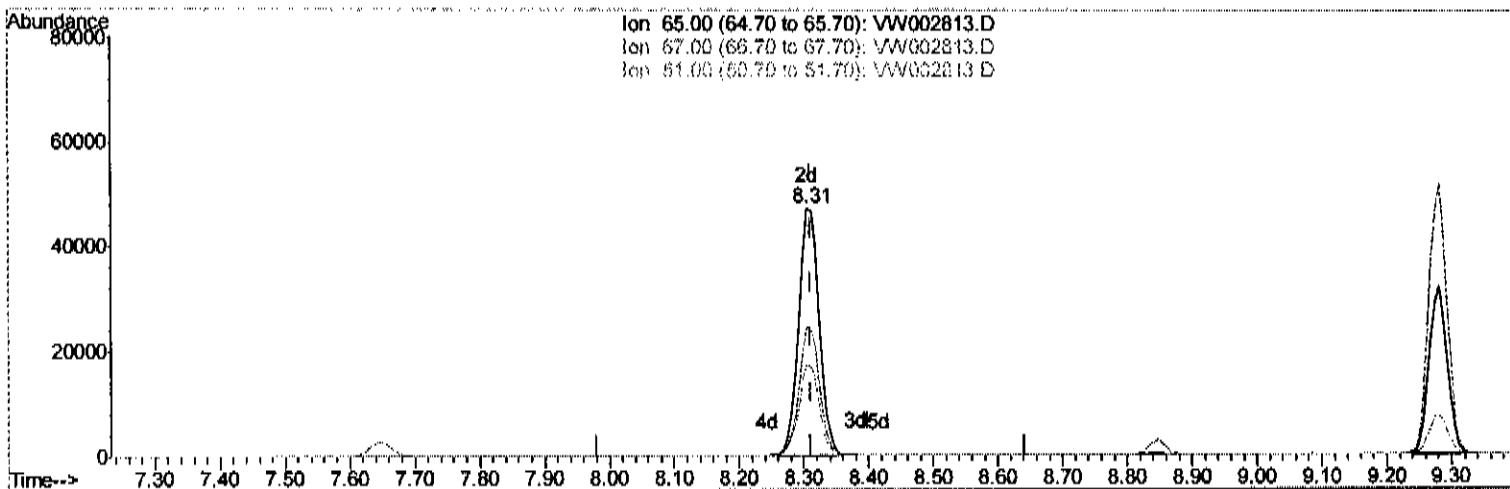
response 100

Ion	Exp%	Act%
65.00	100	100
67.00	52.00	58.00
51.00	93.00	119.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002813.D
 Acq On : 23 May 2018 04:31
 Operator : JC/SY
 Sample : J3042-05
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:57:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration



TIC: VW002813.D

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

8.305min (-0.006) 27.83ug/L m

response 104394

Ion	Exp%	Act%
65.00	100	100
67.00	52.00	0.06#
51.00	93.00	0.11#
0.00	0.00	0.00

> 65/25/18 sy

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002813.D
 Acq On : 23 May 2018 04:31
 Operator : JC/SY
 Sample : J3042-05
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 08:19:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	259149	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	252432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	114274	25.00	ug/L	0.00

System Monitoring Compounds

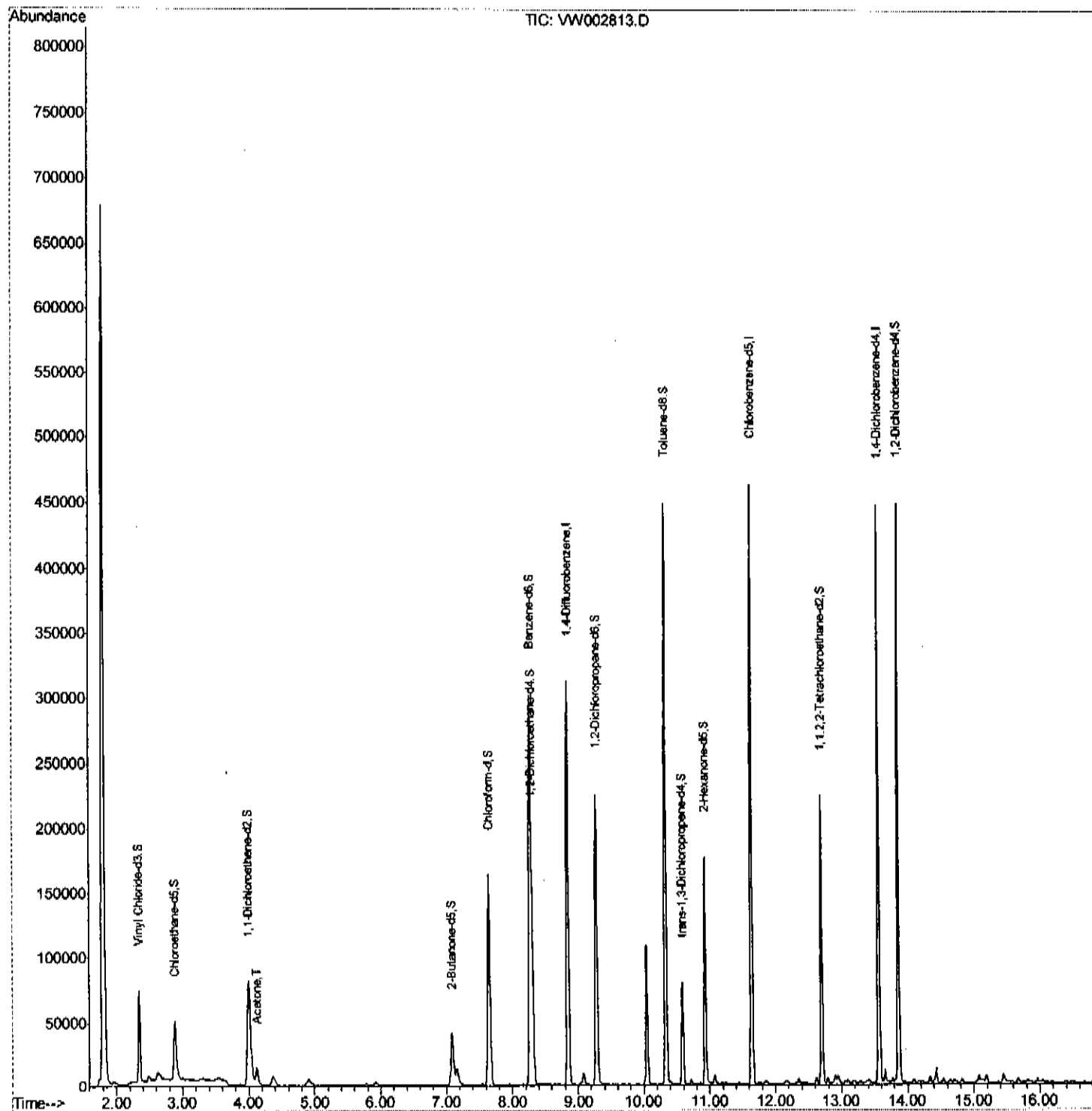
4) Vinyl Chloride-d3	2.34	65	77566	23.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.32%		
7) Chloroethane-d5	2.89	69	64750	21.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.12%		
10) 1,1-Dichloroethene-d2	4.00	63	100664	17.29	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.16%		
20) 2-Butanone-d5	7.08	46	69344	51.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.30%		
24) Chloroform-d	7.65	84	160443	25.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.32%		
26) 1,2-Dichloroethane-d4	8.31	65	104394m	27.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.32%		
29) Benzene-d6	8.27	84	301910	25.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.60%		
33) 1,2-Dichloropropane-d6	9.28	67	101354	26.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.48%		
37) Toluene-d8	10.33	98	288643	24.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.44%		
38) trans-1,3-Dichloropropene-	10.59	79	40545	21.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.40%		
39) 2-Hexanone-d5	10.93	63	53992	49.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.10%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	102856	24.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.76%		
61) 1,2-Dichlorobenzene-d4	13.87	152	116954	27.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	111.36%		

Target Compounds					Qvalue
13) Acetone	4.12	43	20891	17.42	ug/L 99

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

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002813.D
Acq On : 23 May 2018 04:31
Operator : JC/SY
Sample : J3042-05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

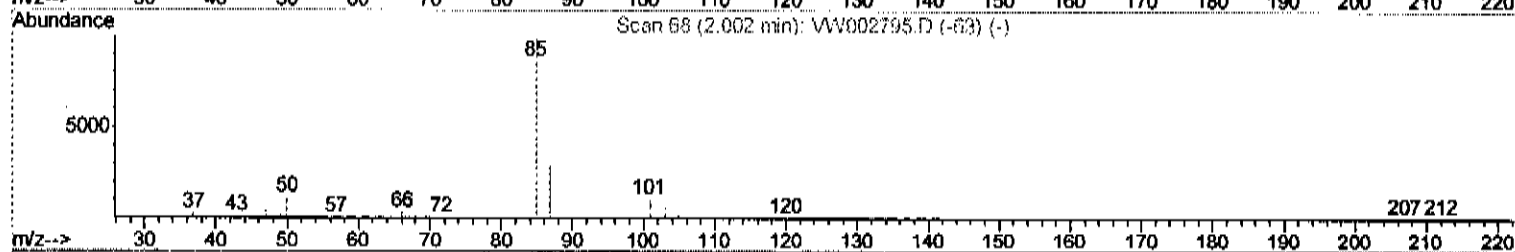
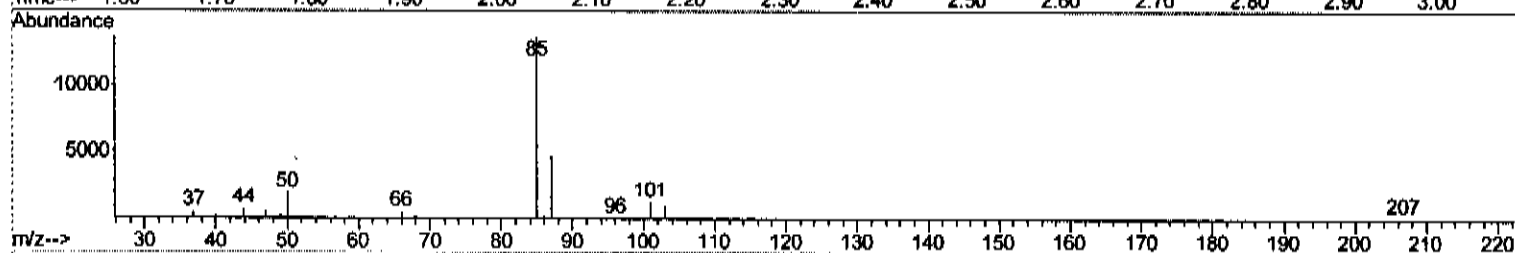
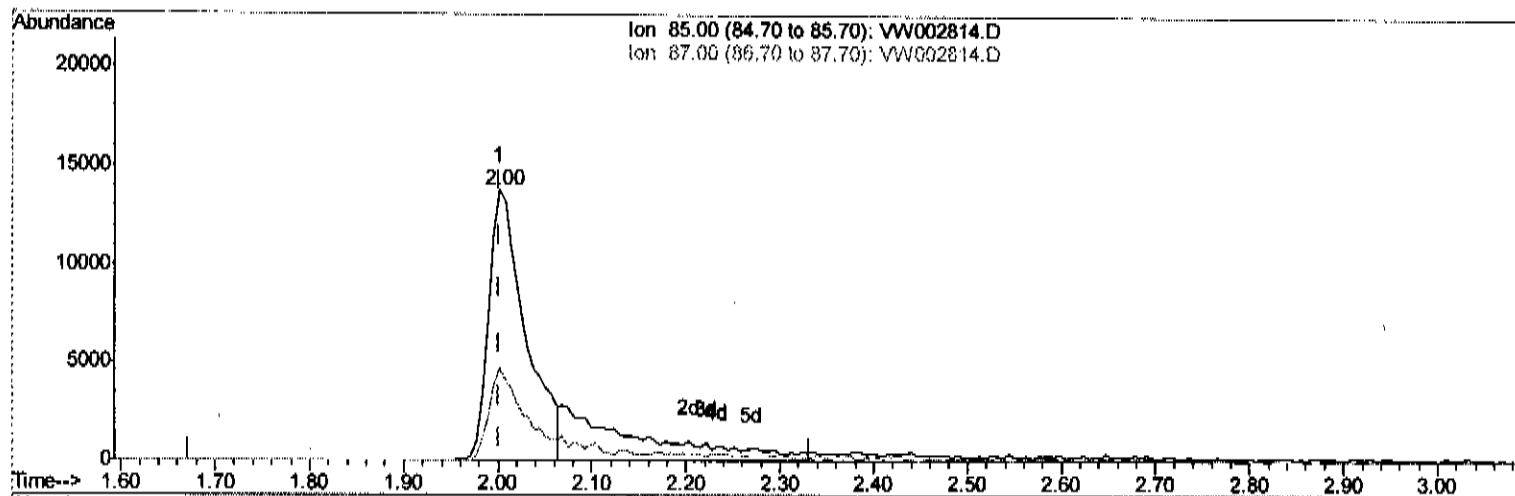
Quant Time: May 23 08:19:41 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002814.D
Acq On : 23 May 2018 04:57
Operator : JC/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_w/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:57:57 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration



TIC: VW002814.D

(2) Dichlorodifluoromethane (T)

2.002min (+0.000) 20.32ug/L

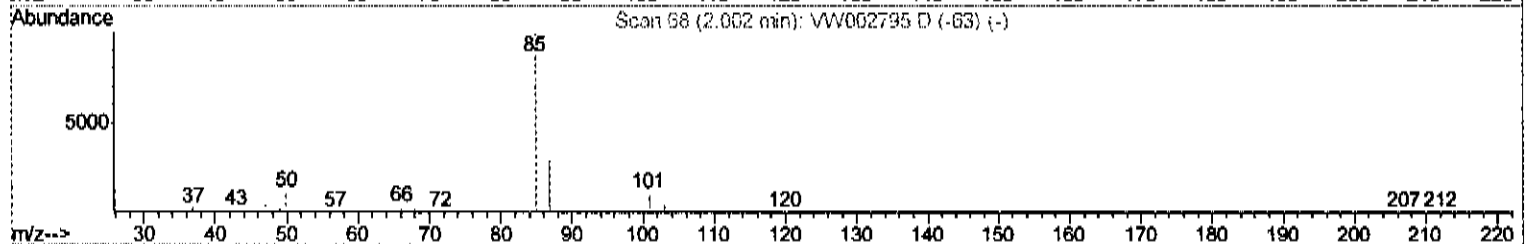
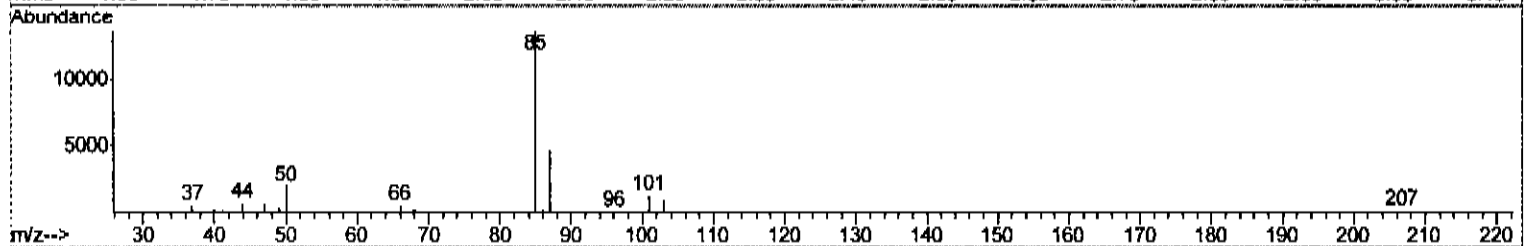
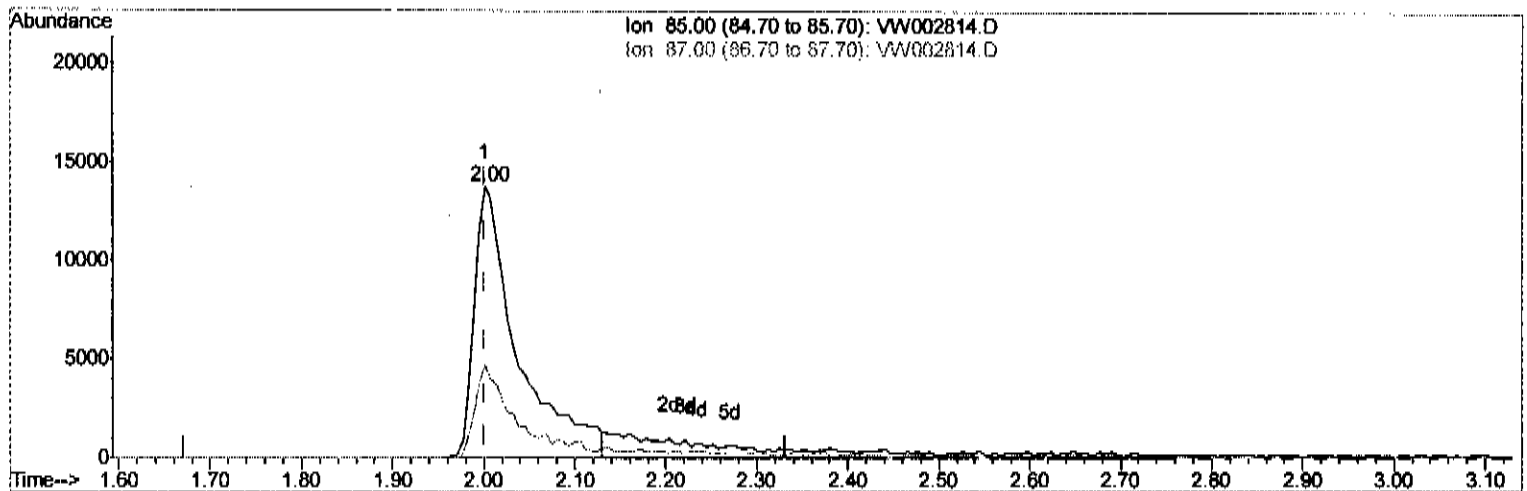
response 37446

Ion	Exp%	Act%
85.00	100	100
87.00	29.00	33.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002814.D
 Acq On : 23 May 2018 04:57
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:57:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration



TIC: VW002814.D

(2) Dichlorodifluoromethane (T)

2.002min (+0.000) 24.65ug/L m

response 45417

Ion	Exp%	Act%
85.00	100	100
87.00	29.00	27.51
0.00	0.00	0.00
0.00	0.00	0.00

Handwritten: 24.65/100 sy

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002814.D
 Acq On : 23 May 2018 04:57
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SoIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:58:57 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M

Quant Title : VOC Analysis

QLast Update : Wed May 23 06:53:11 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	308803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	297948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155263	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	84530	21.34	ug/L	0.00
Spiked Amount 25.000	Range	30 - 150	Recovery	=	85.36%	
7) Chloroethane-d5	2.89	69	76136	21.49	ug/L	0.00
Spiked Amount 25.000	Range	30 - 150	Recovery	=	85.96%	
10) 1,1-Dichloroethene-d2	4.01	63	151201	21.79	ug/L	0.00
Spiked Amount 25.000	Range	45 - 110	Recovery	=	87.16%	
20) 2-Butanone-d5	7.08	46	78740	48.74	ug/L	0.00
Spiked Amount 50.000	Range	20 - 135	Recovery	=	97.48%	
24) Chloroform-d	7.65	84	177743	24.01	ug/L	0.00
Spiked Amount 25.000	Range	40 - 150	Recovery	=	96.04%	
26) 1,2-Dichloroethane-d4	8.31	65	108607	24.30	ug/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	=	97.20%	
29) Benzene-d6	8.27	84	329012	23.22	ug/L	0.00
Spiked Amount 25.000	Range	20 - 135	Recovery	=	92.88%	
33) 1,2-Dichloropropane-d6	9.28	67	107679	23.51	ug/L	0.00
Spiked Amount 25.000	Range	70 - 120	Recovery	=	94.04%	
37) Toluene-d8	10.33	98	321850	23.02	ug/L	0.00
Spiked Amount 25.000	Range	30 - 130	Recovery	=	92.08%	
38) trans-1,3-Dichloropropene-	10.59	79	47500	21.69	ug/L	0.00
Spiked Amount 25.000	Range	30 - 135	Recovery	=	86.76%	
39) 2-Hexanone-d5	10.93	63	64945	49.98	ug/L	0.00
Spiked Amount 50.000	Range	20 - 135	Recovery	=	99.96%	
48) 1,1,2,2-Tetrachloroethane-	12.70	84	120258	23.96	ug/L	0.00
Spiked Amount 25.000	Range	45 - 120	Recovery	=	95.84%	
61) 1,2-Dichlorobenzene-d4	13.87	152	136148	23.86	ug/L	0.00
Spiked Amount 25.000	Range	75 - 120	Recovery	=	95.44%	

Target Compounds

2) Dichlorodifluoromethane	2.00	85	45417m	24.65	ug/L	Qvalue
3) Chloromethane	2.21	50	76947	24.14	ug/L	98
5) Vinyl chloride	2.36	62	121048	22.33	ug/L	99
6) Bromomethane	2.78	94	83401	22.47	ug/L	100
8) Chloroethane	2.92	64	76590	22.20	ug/L	94
9) Trichlorofluoromethane	3.25	101	46269	19.72	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	86132	22.93	ug/L	# 68
12) 1,1-Dichloroethene	4.03	96	83057	22.43	ug/L	97
13) Acetone	4.12	43	51764	36.22	ug/L	99
14) Carbon disulfide	4.37	76	258448	22.66	ug/L	99
15) Methyl Acetate	4.67	43	60419	23.22	ug/L	99
16) Methylene chloride	4.91	84	91881	23.02	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	168515	24.68	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	86976	22.44	ug/L	96
19) 1,1-Dichloroethane	6.21	63	160956	23.67	ug/L	99
21) 2-Butanone	7.18	43	80938	42.79	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	98691	23.26	ug/L	98

Qvalue 5/25/18 JC

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002814.D
 Acq On : 23 May 2018 04:57
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:58:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49290	23.84	ug/L	96
25) Chloroform	7.68	83	172813	23.51	ug/L	99
27) 1,2-Dichloroethane	8.40	62	129667	24.21	ug/L	99
30) Cyclohexane	7.95	56	138856	22.03	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	128247	22.25	ug/L	99
32) Carbon tetrachloride	8.07	117	126213	21.86	ug/L	99
34) Benzene	8.32	78	372208	23.02	ug/L	100
35) Trichloroethene	9.09	95	100268	22.69	ug/L	98
36) Methylcyclohexane	9.34	83	161730	22.16	ug/L	99
40) 1,2-Dichloropropane	9.37	63	95248	22.73	ug/L	99
41) Bromodichloromethane	9.65	83	127254	23.29	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	139748	21.68	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	177032	46.93	ug/L	99
44) Toluene	10.40	91	408323	23.17	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	127539	21.70	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	81576	23.50	ug/L	95
47) Tetrachloroethene	10.87	164	83286	21.79	ug/L	97
49) 2-Hexanone	10.98	43	129012	46.33	ug/L	98
50) Dibromochloromethane	11.13	129	97662	23.30	ug/L	97
51) 1,2-Dibromoethane	11.24	107	82972	23.52	ug/L	97
52) Chlorobenzene	11.66	112	268095	22.95	ug/L	99
53) Ethylbenzene	11.74	91	451449	22.80	ug/L	99
54) m,p-Xylene	11.85	106	171131	22.70	ug/L	99
55) o-xylene	12.18	106	164840	23.01	ug/L	94
56) Styrene	12.19	104	295044	23.51	ug/L	94
57) Isopropylbenzene	12.48	105	439197	22.46	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	113414	23.19	ug/L	98
59) 1,2,3-Trichloropropane	12.78	75	86414	23.48	ug/L	100
62) Bromoform	12.36	173	64333	23.63	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	209174	22.60	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	219875	22.66	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	211468	23.52	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.50	75	20820	23.55	ug/L	90
67) 1,3,5-Trichlorobenzene	14.64	180	161522	21.68	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	141325	22.56	ug/L	99
69) Naphthalene	15.38	128	316390	24.96	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	139471	23.72	ug/L	99

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

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002814.D
Acq On : 23 May 2018 04:57
Operator : JC/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:58:57 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Wed May 23 06:53:11 2018
Response via : Initial Calibration

