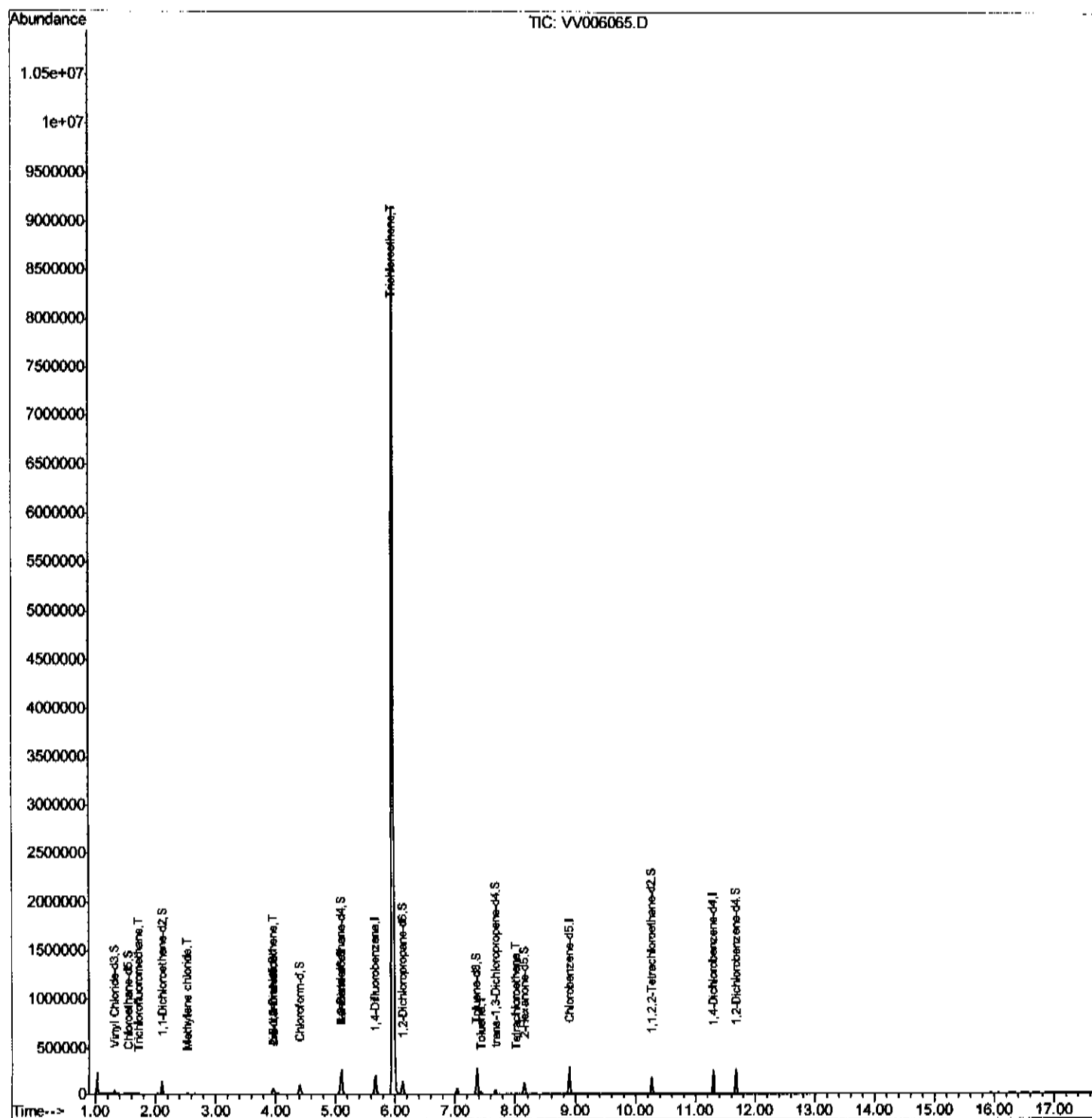


Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\
Quantitation Report (QT Reviewed)

Data File : VV006065.D
Acq On : 26 May 2018 19:19
Operator : SY/MD
Sample : J3090-16 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

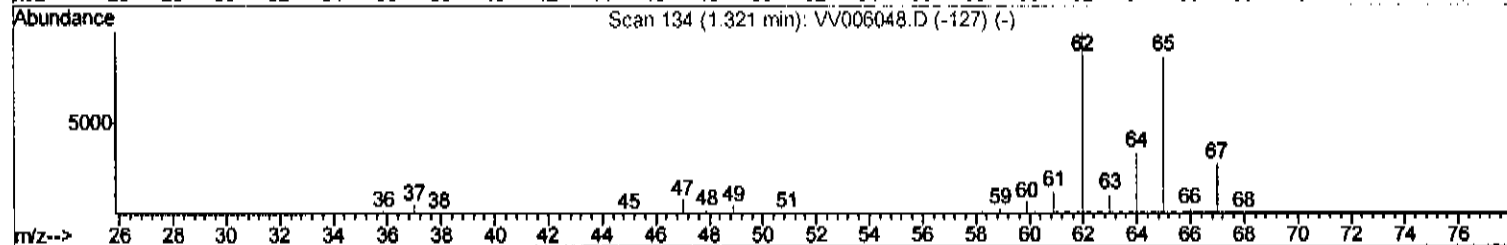
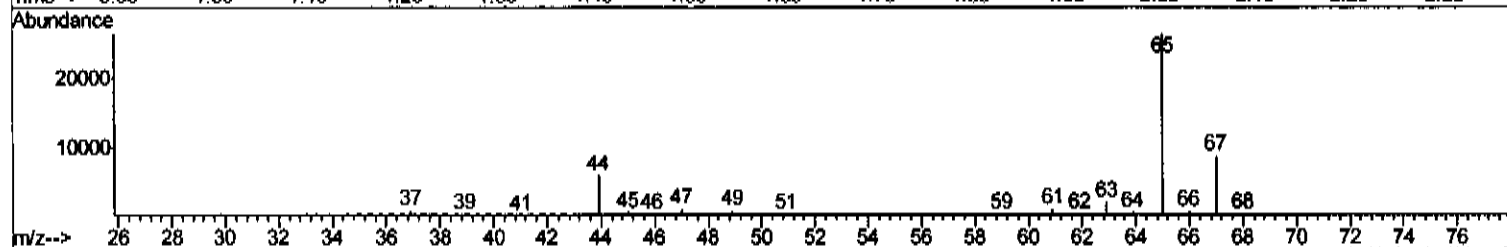
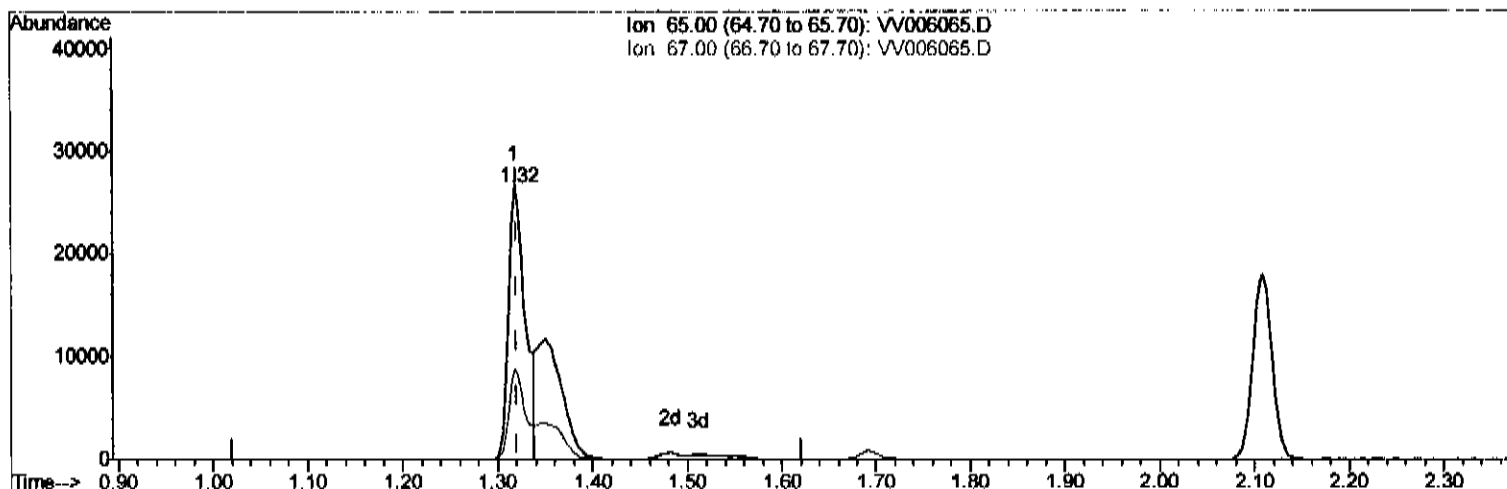
Quant Time: May 28 03:48:38 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration



Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\
Quantitation Report (Qedit)

Data File : VV006065.D
Acq On : 26 May 2018 19:19
Operator : SY/MD
Sample : J3090-16 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 02:08:00 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration



TIC: VV006065.D

(4) Vinyl Chloride-d3 (S)

1.318min (-0.003) 26.80ug/L

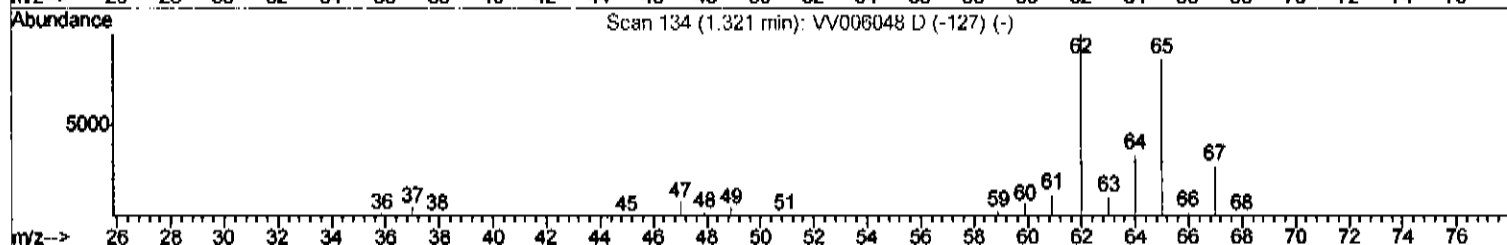
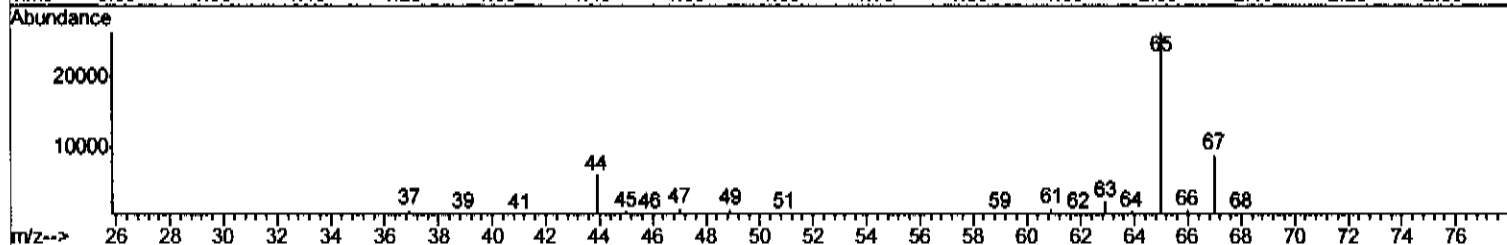
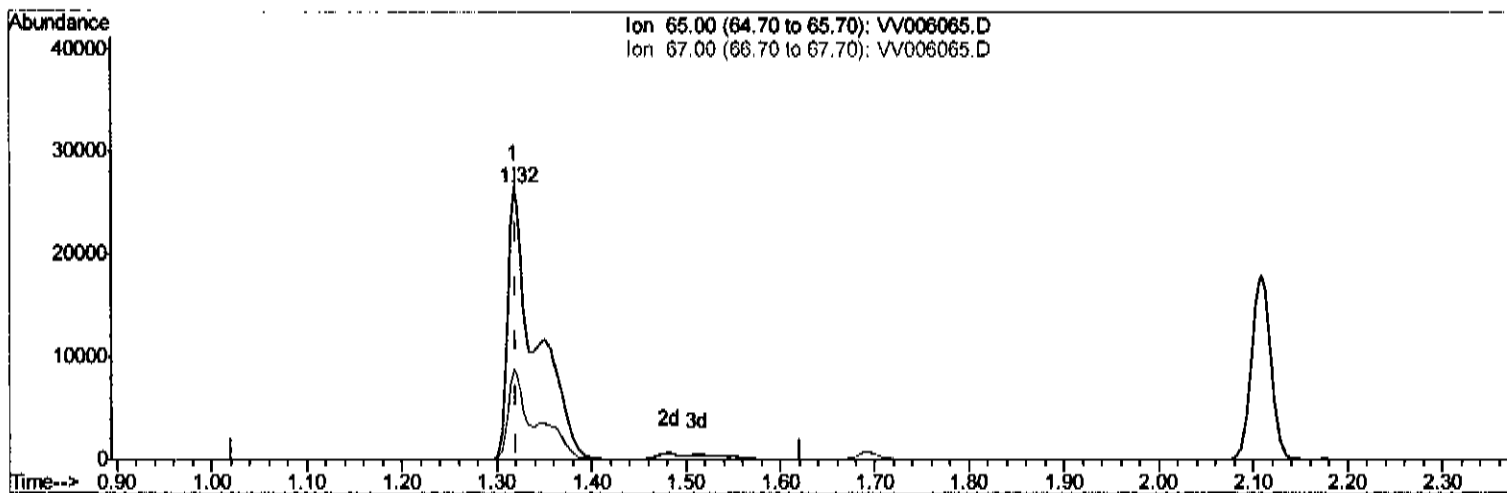
response 32174

Ion	Exp%	Act%
65.00	100	100
67.00	31.70	32.45
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\
Quantitation Report (Qedit)

Data File : VV006065.D
Acq On : 26 May 2018 19:19
Operator : SY/MD
Sample : J3090-16 100X
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 02:08:00 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration



TIC: VV006065.D

(4) Vinyl Chloride-d3 (S)

1.318min (-0.003) 44.99ug/L m

response 54005

Ion	Exp%	Act%
65.00	100	100
67.00	31.70	19.33%
0.00	0.00	0.00
0.00	0.00	0.00

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Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\

Quantitation Report (QT Reviewed)

Data File : VV006065.D

Acq On : 26 May 2018 19:19

Operator : SY/MD

Sample : J3090-16 100X

Misc : 5.0 mL/MSVOA V/WATER

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 03:48:38 2018

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M

Quant Title : VOC Analysis

QLast Update : Mon May 28 02:03:29 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171883	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54005m	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.98%
7) Chloroethane-d5	1.55	69	8988	10.59	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	21.18%#
11) 1,1-Dichloroethene-d2	2.11	63	80828	36.17	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
21) 2-Butanone-d5	3.96	46	52293	76.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.05%
24) Chloroform-d	4.40	84	105211	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
26) 1,2-Dichloroethane-d4	5.09	65	71613	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
32) Benzene-d6	5.10	84	209888	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
36) 1,2-Dichloropropane-d6	6.12	67	67159	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.72%
41) Toluene-d8	7.36	98	185837	47.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.72%
43) trans-1,3-Dichloropropene-	7.67	79	26569	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.15	63	49820	94.10	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87595	47.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.58%
64) 1,2-Dichlorobenzene-d4	11.68	152	67703	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%

MS
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Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.72	101	3569	1.75	ug/L	100
16) Methylene chloride	2.53	84	6708	5.31	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	19515	14.32	ug/L	96
34) Trichloroethene	5.96	95	3232345	2511.73	ug/L	97
42) Toluene	7.44	91	14227	2.73	ug/L	99
46) Tetrachloroethene	8.02	164	3157	3.26	ug/L	96

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

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\

Quantitation Report (QT Reviewed)

Data File : VV006066.D

Acq On : 26 May 2018 19:45

Operator : SY/MD

Sample : J3090-17 100X

Misc : 5.0 mL/MSVOA_V/WATER

ALS Vial : 20 Sample Multiplier: 1

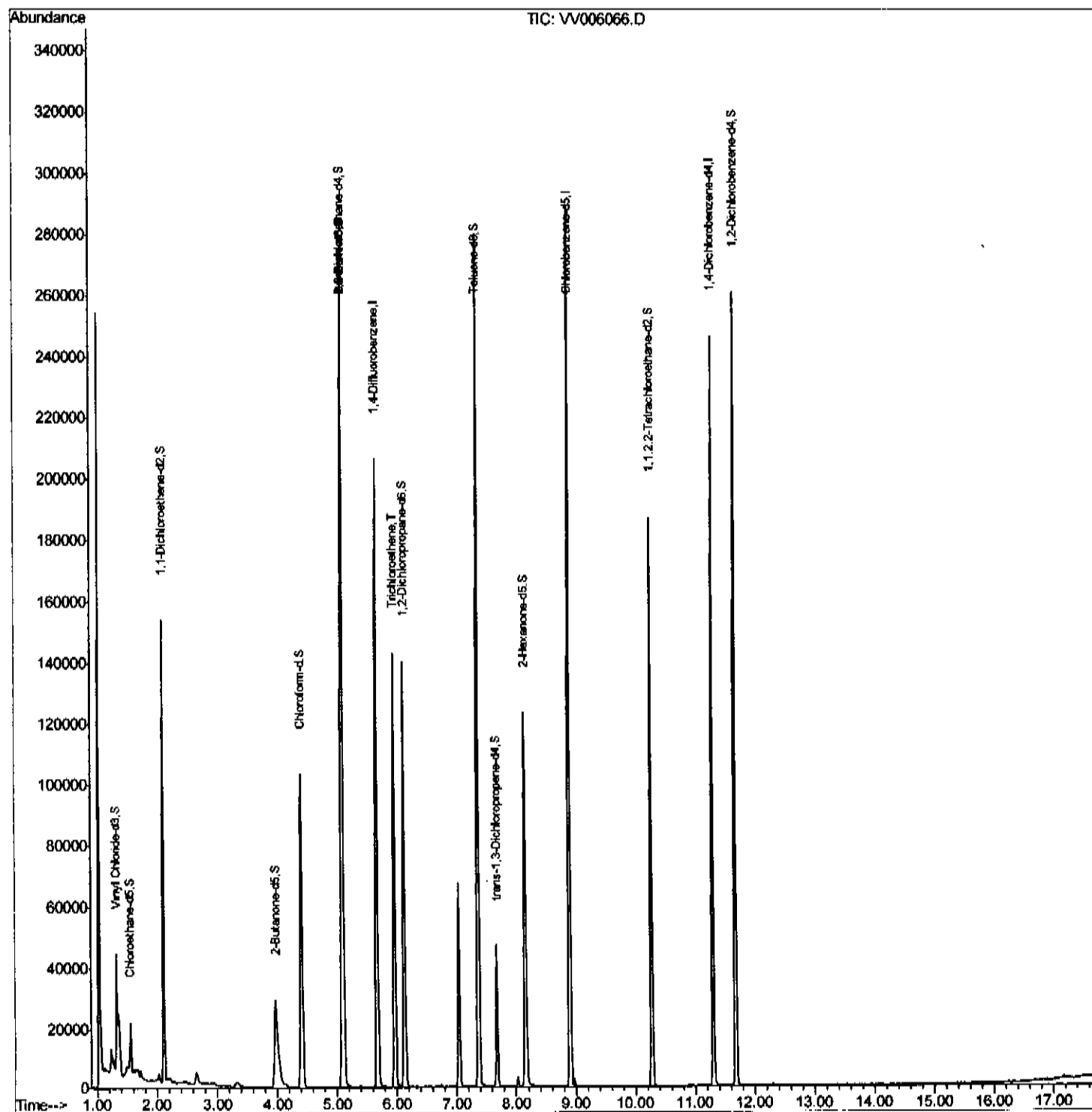
Quant Time: May 28 03:51:26 2018

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M

Quant Title : VOC Analysis

QLast Update : Mon May 28 02:03:29 2018

Response via : Initial Calibration



Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\

Quantitation Report (Qedit)

Data File : VV006066.D

Acq On : 26 May 2018 19:45

Operator : SY/MD

Sample : J3090-17 100X

Misc : 5.0 mL/MSVOA V/WATER

ALS Vial : 20 Sample Multiplier: 1

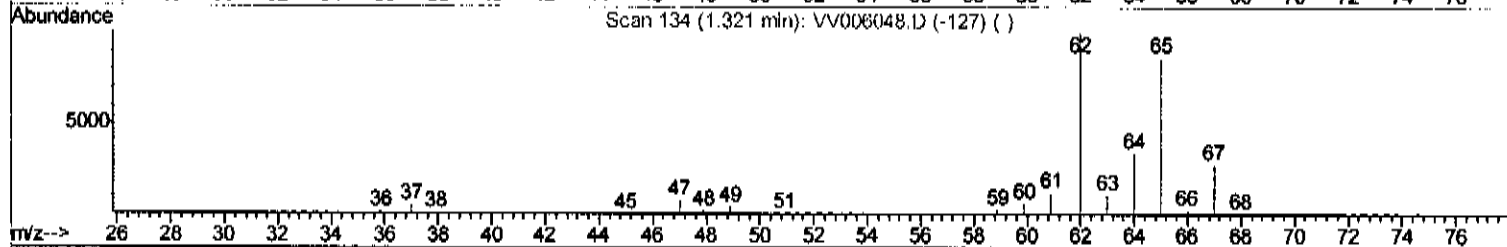
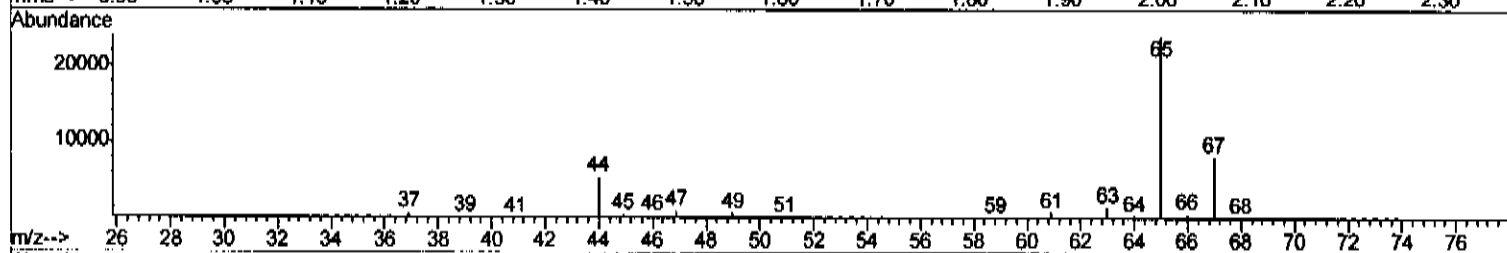
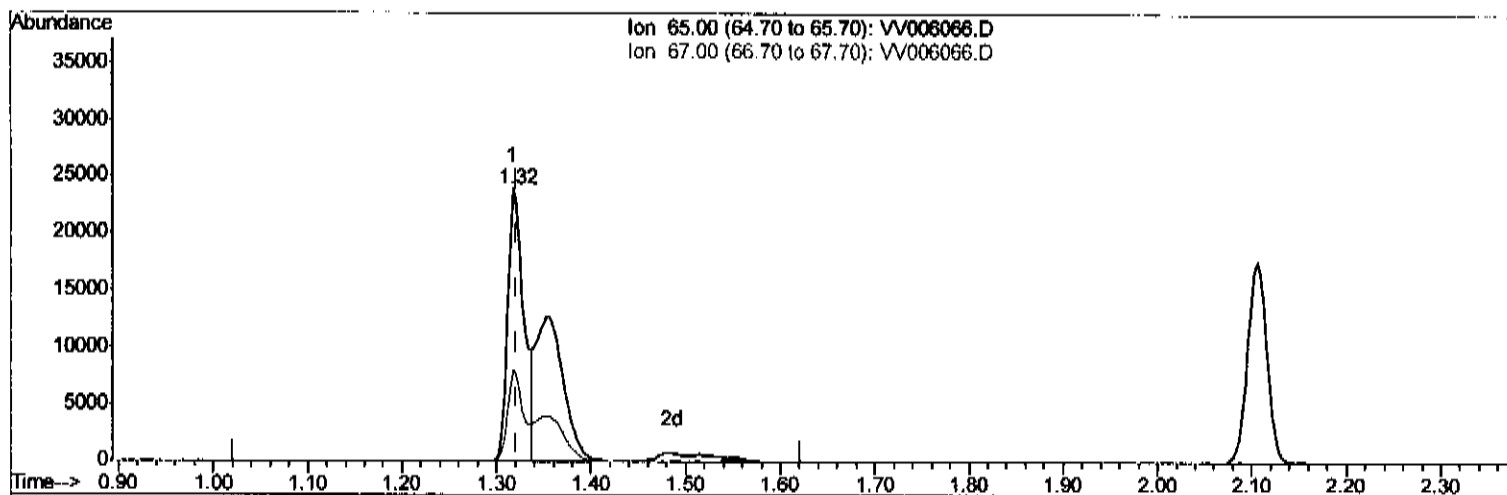
Quant Time: May 28 02:08:16 2018

Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVLM052518WMA.M

Quant Title : VOC Analysis

QLast Update : Mon May 28 02:03:29 2018

Response via : Initial Calibration



TIC: VV006066.D

(4) Vinyl Chloride-d3 (S)

1.318min (-0.003) 24.38ug/L

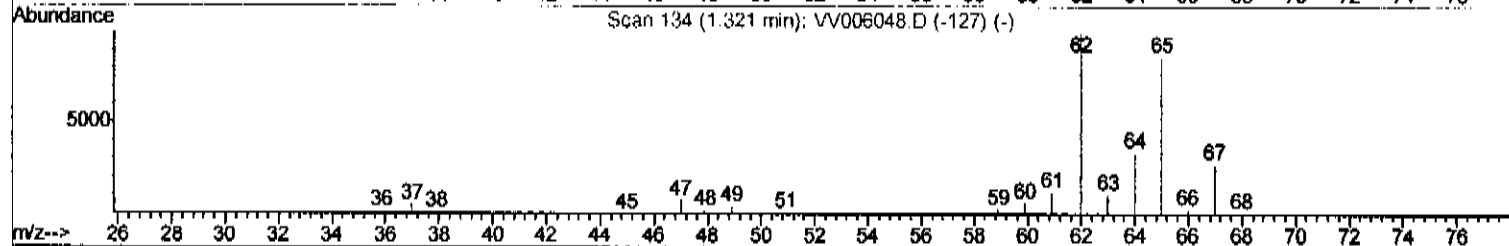
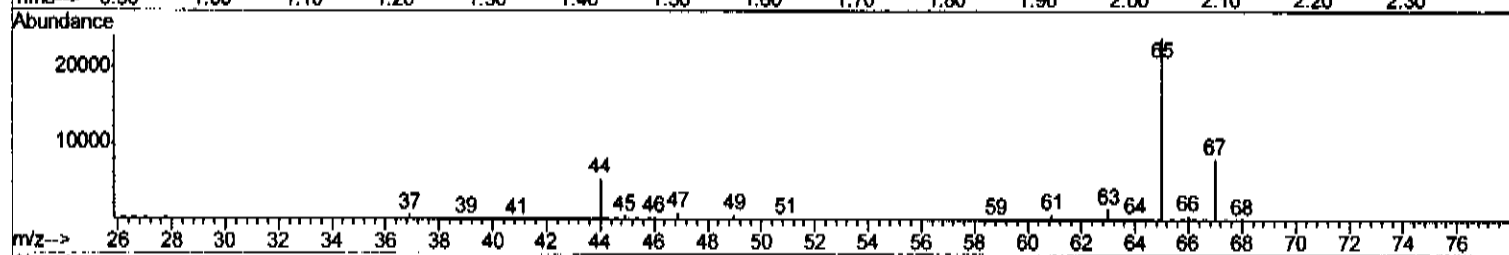
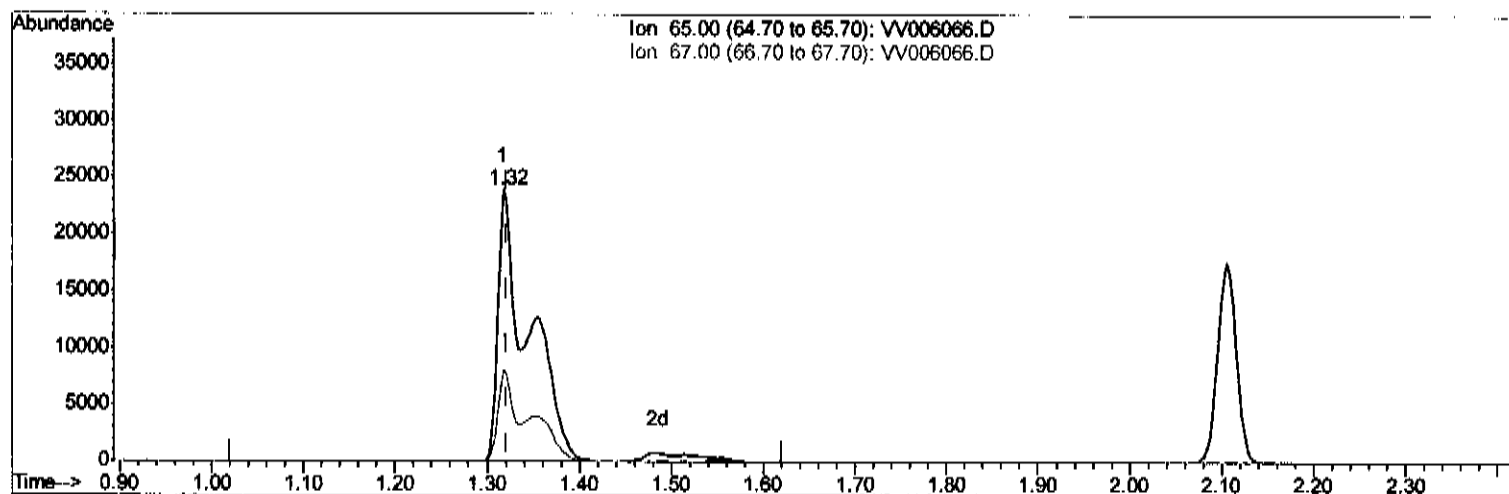
response 29431

Ion	Exp%	Act%
65.00	100	100
67.00	31.70	30.91
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\
Quantitation Report (Qedit)

Data File : VV006066.D
Acq On : 26 May 2018 19:45
Operator : SY/MD
Sample : J3090-17 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 28 02:08:16 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration



TIC: VV006066.D

(4) Vinyl Chloride-d3 (S)

1.318min (-0.003) 45.41ug/L m

response 54825

Ion Exp% Act%

65.00 100 100

67.00 31.70 16.59#

0.00 0.00 0.00

0.00 0.00 0.00

MD
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Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\
Quantitation Report (QT Reviewed)

Data File : VV006066.D
Acq On : 26 May 2018 19:45
Operator : SY/MD
Sample : J3090-17 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 28 03:51:26 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	172870	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54825m	45.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.82%
7) Chloroethane-d5	1.55	69	7992	9.36	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	18.72%#
11) 1,1-Dichloroethene-d2	2.11	63	79014	35.16	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.32%
21) 2-Butanone-d5	3.96	46	54197	78.37	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.37%
24) Chloroform-d	4.40	84	104624	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.09	65	73515	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
32) Benzene-d6	5.10	84	208400	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.12	67	67009	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.36	98	182533	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%
43) trans-1,3-Dichloropropene-	7.67	79	27022	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
47) 2-Hexanone-d5	8.15	63	49826	95.27	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.27%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89133	48.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	66099	54.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.58%

JMA
06/02/18

Target Compounds					Qvalue
34) Trichloroethene	5.96	95	49801	39.18	ug/L 98

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