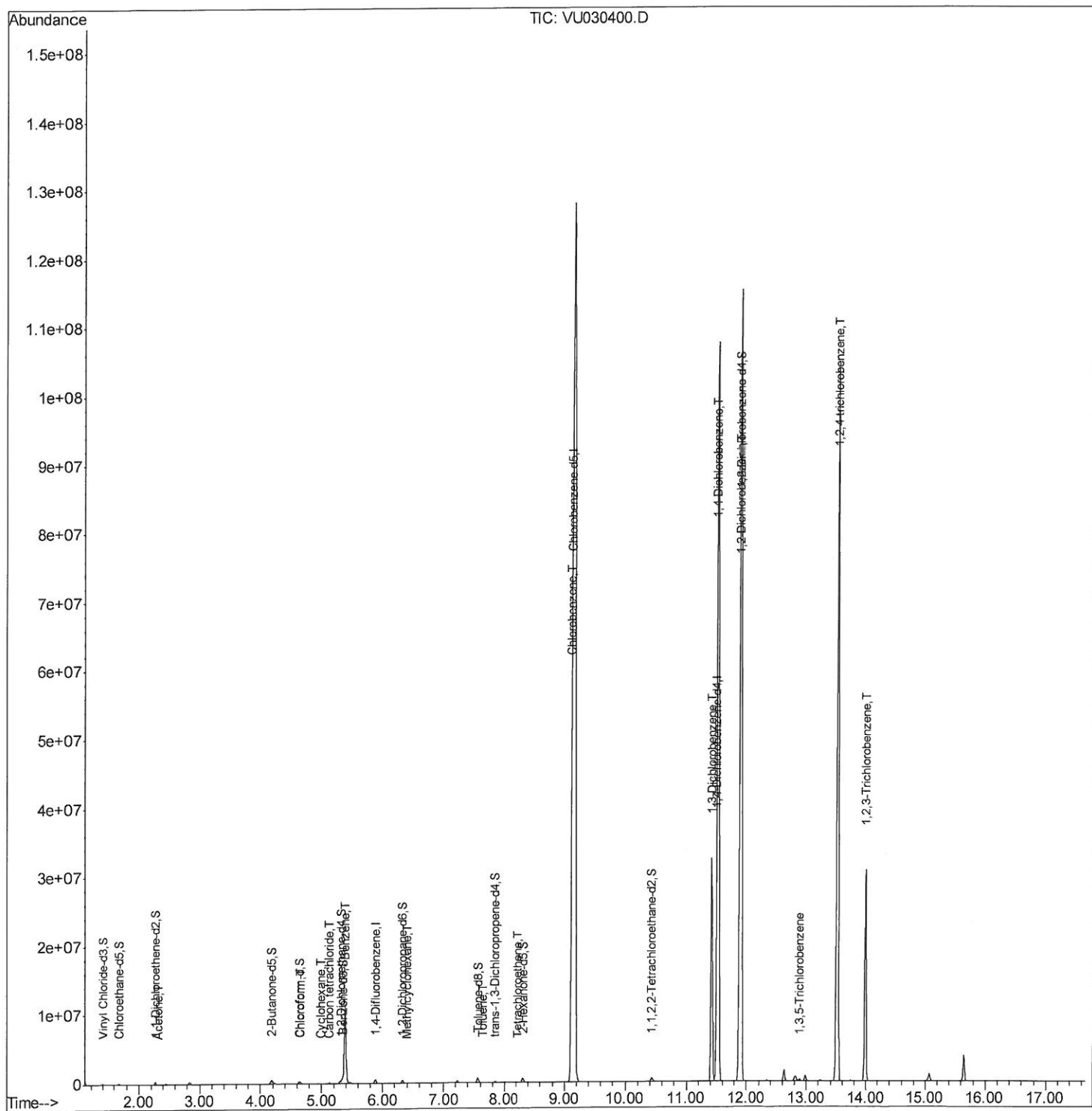


Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (QT Reviewed)

Data File : VU030400.D
Acq On : 25 Mar 2019 05:36
Operator : JC/SP
Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

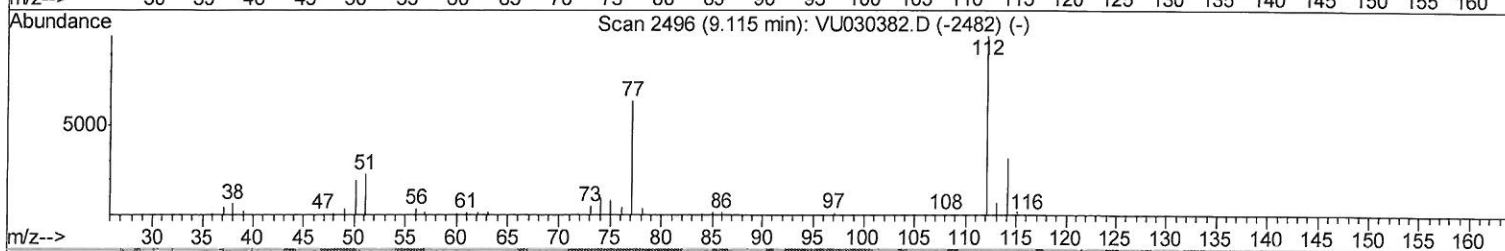
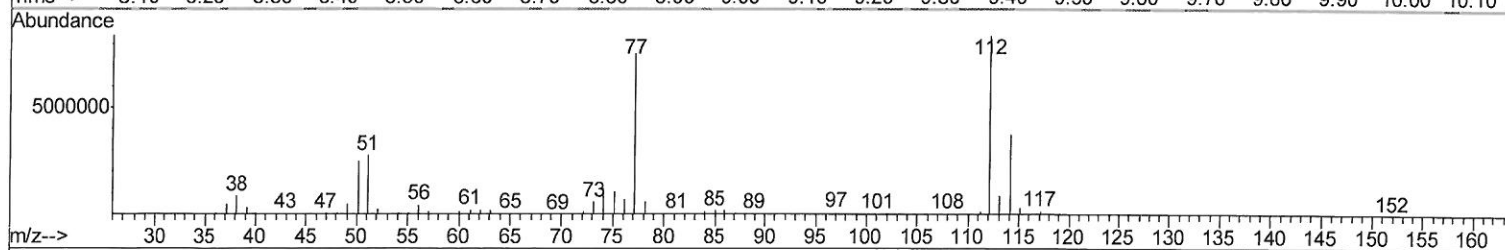
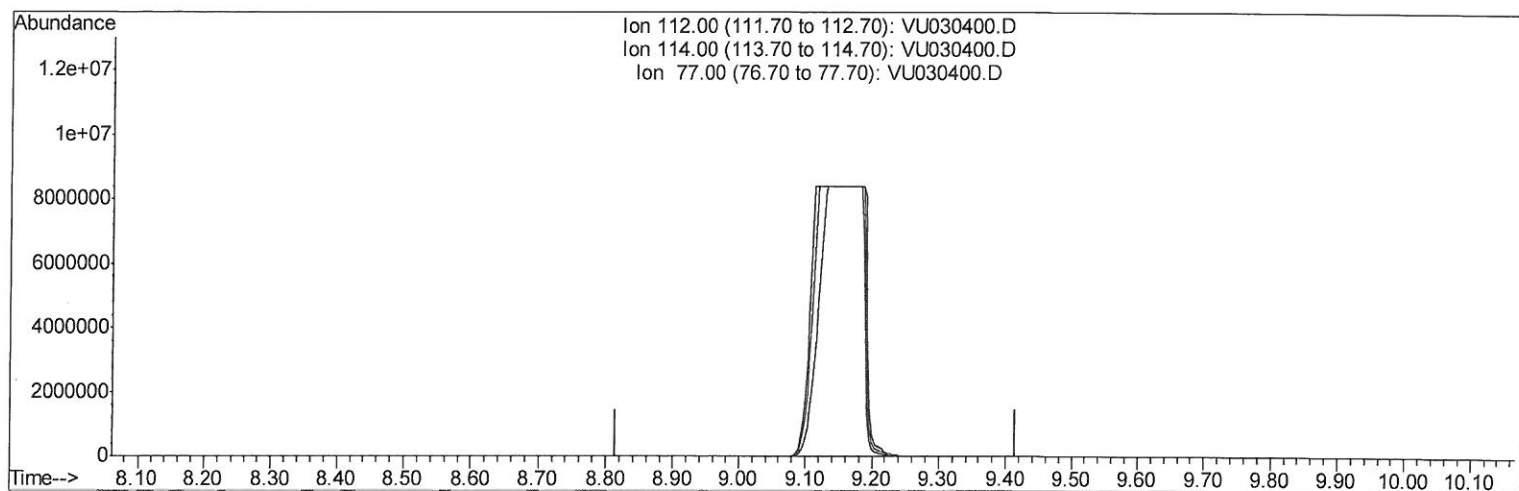
Quant Time: Mar 25 07:41:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

Data File : VU030400.D
Acq On : 25 Mar 2019 05:36
Operator : JC/SP
Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 25 07:37:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
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TIC: VU030400.D

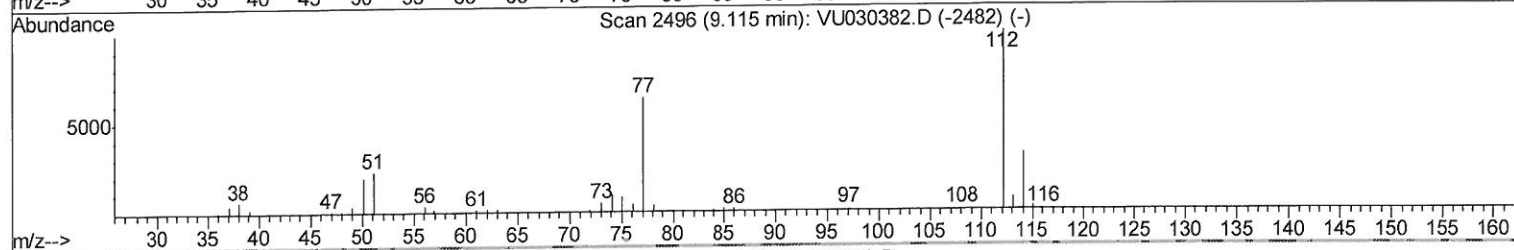
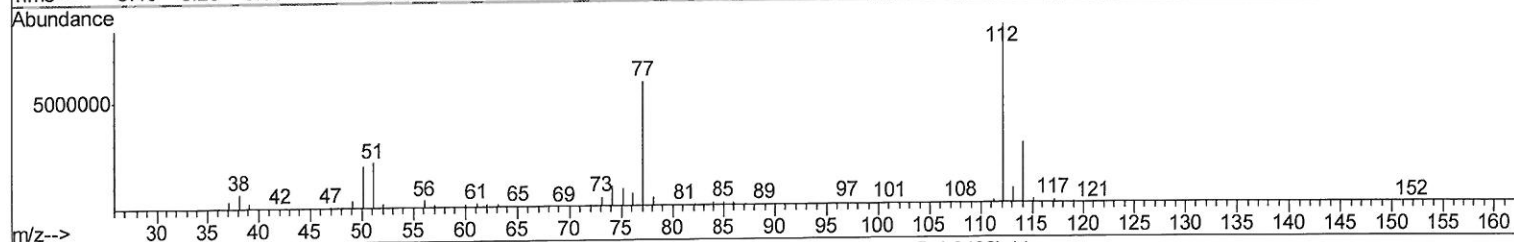
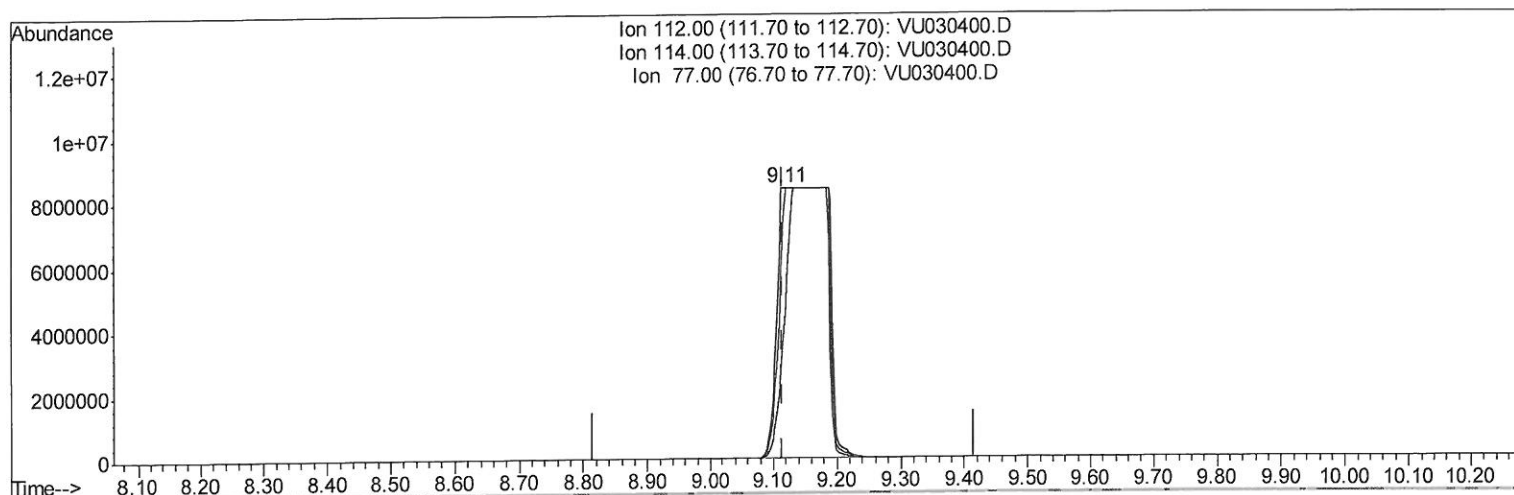
(51) Chlorobenzene (T)
9.115min (-9.115) 0.00ug/L
response 0

Ion	Exp%	Act%
112.00	100	0.00
114.00	30.70	0.00#
77.00	64.20	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 25 07:37:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
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(51) Chlorobenzene (T)

9.112min (-0.003) 4697.24ug/L m

response 45354965

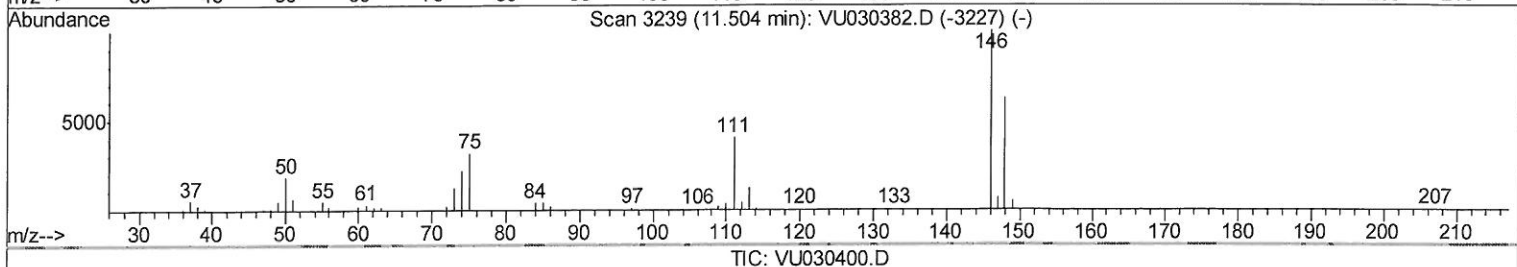
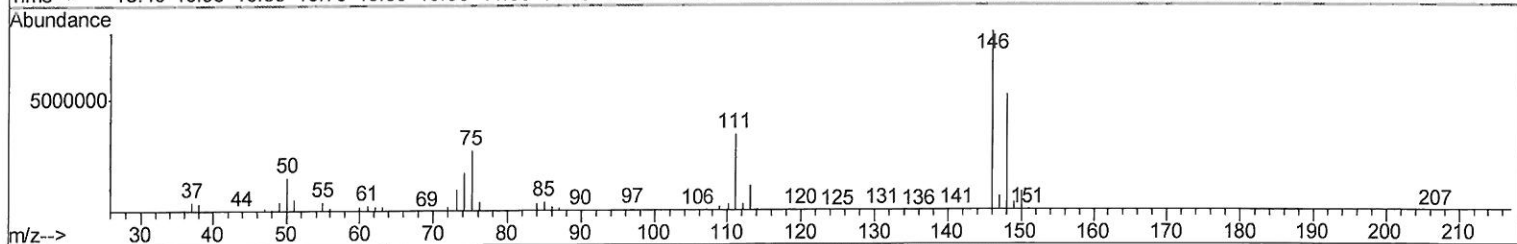
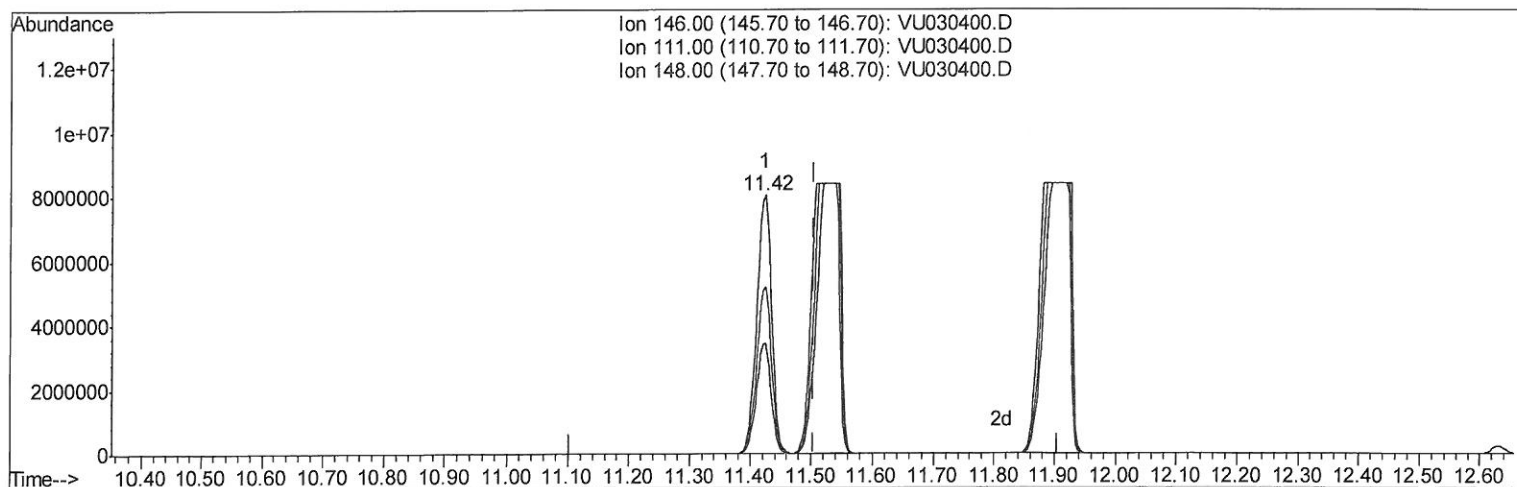
Ion	Exp%	Act%
112.00	100	100
114.00	30.70	33.54
77.00	64.20	69.50
0.00	0.00	0.00

7 MD
3/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

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Acq On : 25 Mar 2019 05:36
Operator : JC/SP
Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 25 07:37:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
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(63) 1,4-Dichlorobenzene (T)

11.424min (-0.080) 1635.83ug/L

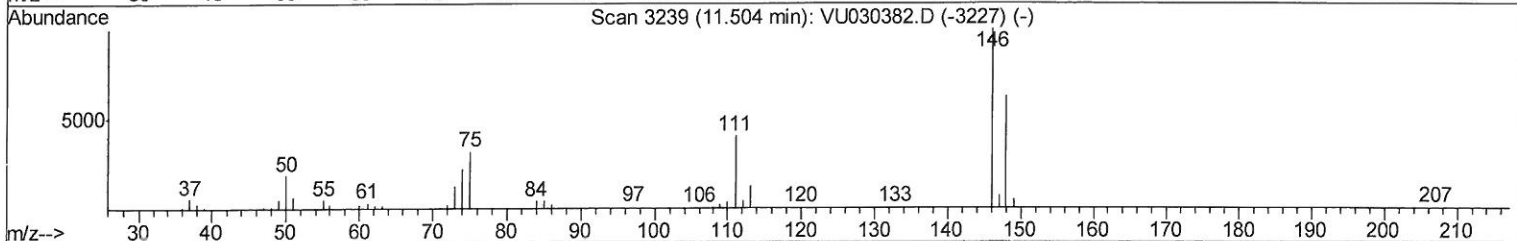
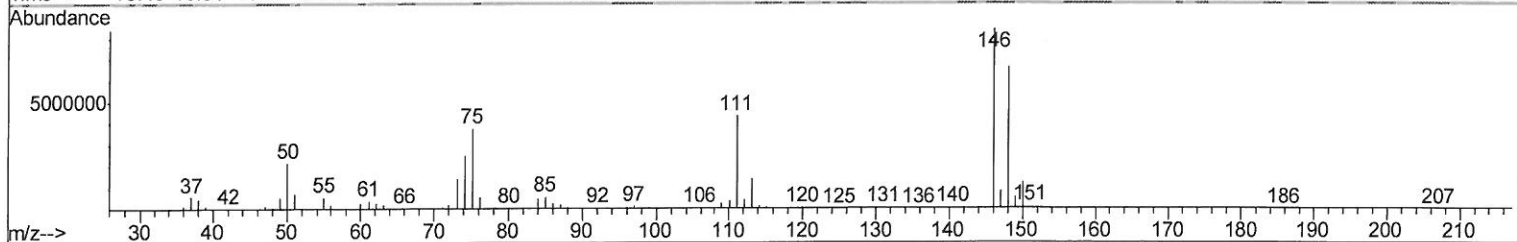
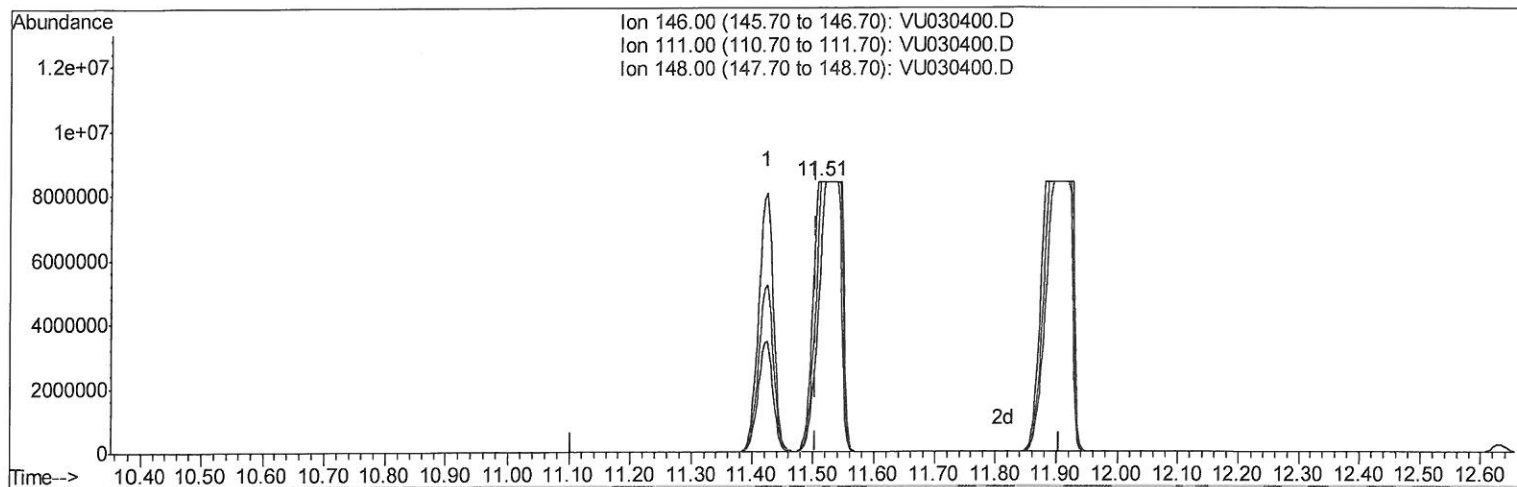
response 13440104

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	42.70
148.00	63.30	64.61
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

Data File : VU030400.D
Acq On : 25 Mar 2019 05:36
Operator : JC/SP
Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 25 07:37:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration



TIC: VU030400.D

(63) 1,4-Dichlorobenzene (T)

11.508min (+0.003) 3336.21ug/L m

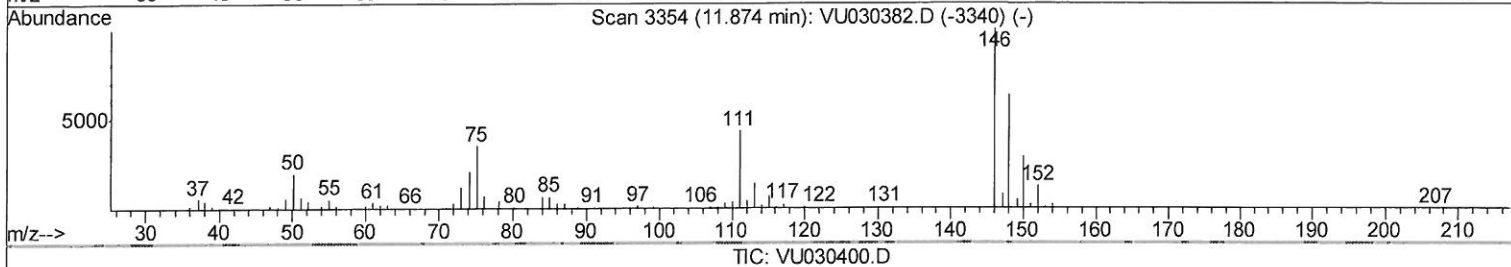
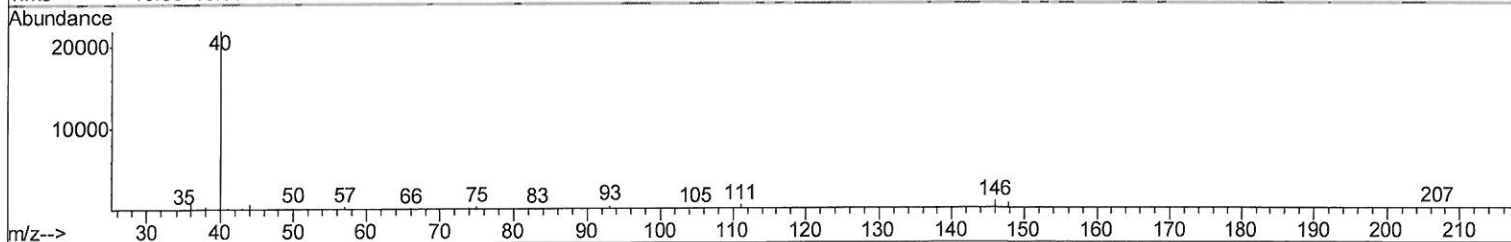
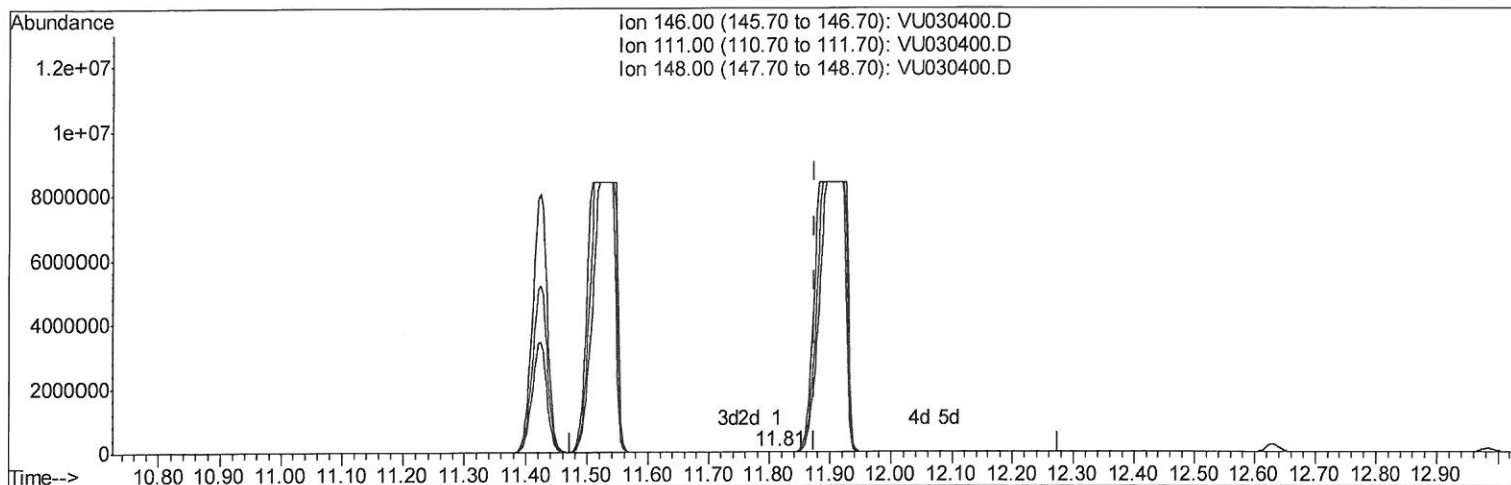
response 27410497

Ion	Exp%	Act%
146.00	100	100
111.00	41.00	51.93
148.00	63.30	78.61
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

Data File : VU030400.D
Acq On : 25 Mar 2019 05:36
Operator : JC/SP
Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 25 07:37:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
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(65) 1,2-Dichlorobenzene (T)

11.813min (-0.061) 0.02ug/L

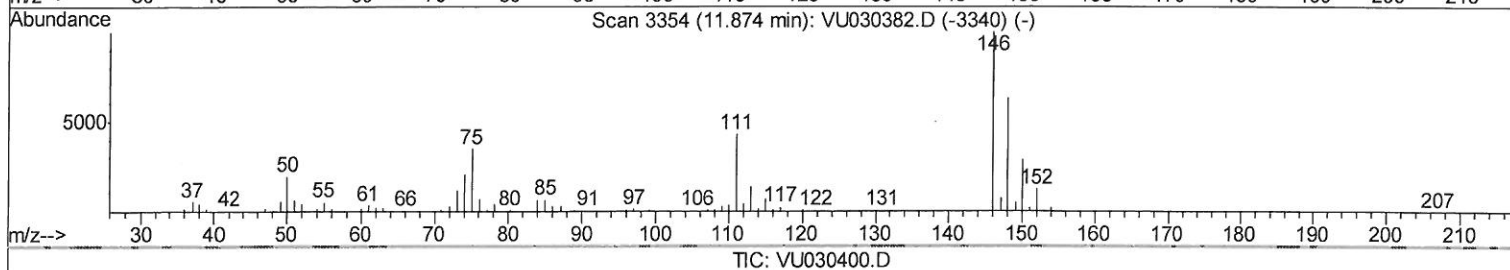
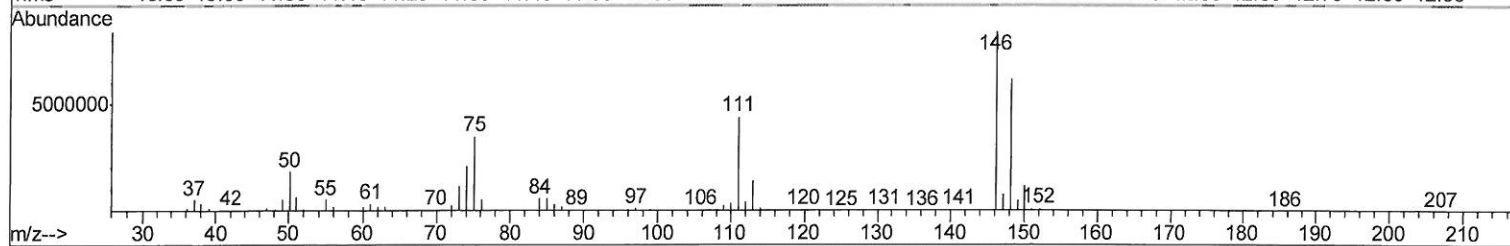
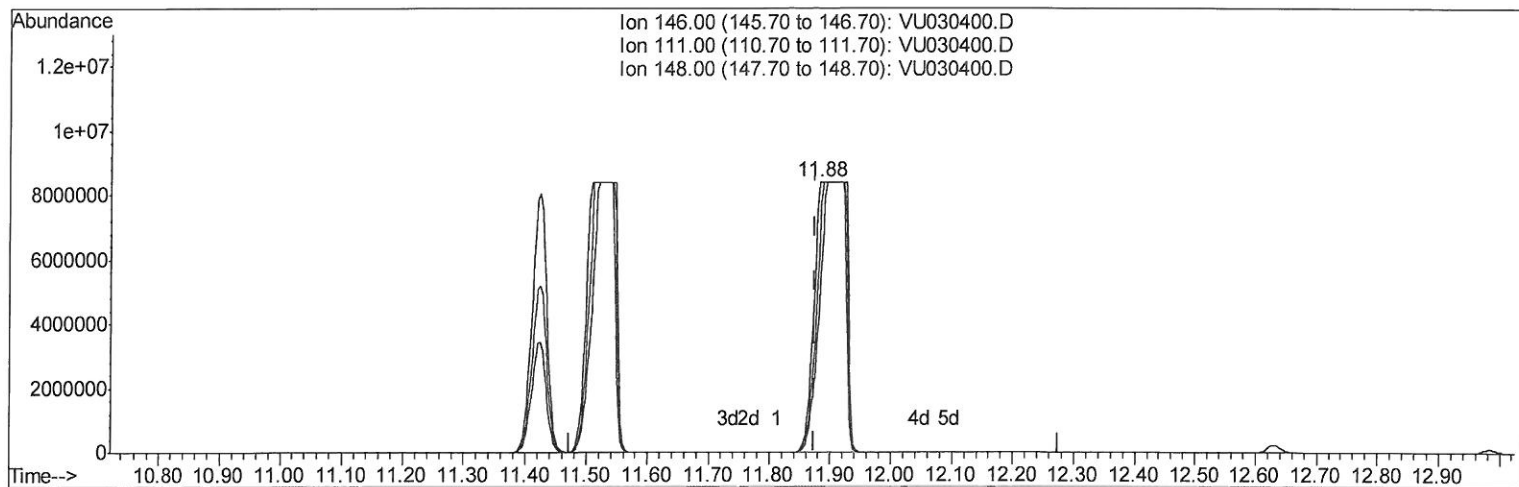
response 177

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	52.45#
148.00	64.00	80.06#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

Data File : VU030400.D
Acq On : 25 Mar 2019 05:36
Operator : JC/SP
Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 25 07:37:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration



(65) 1,2-Dichlorobenzene (T)

11.881min (+0.006) 3768.35ug/L m

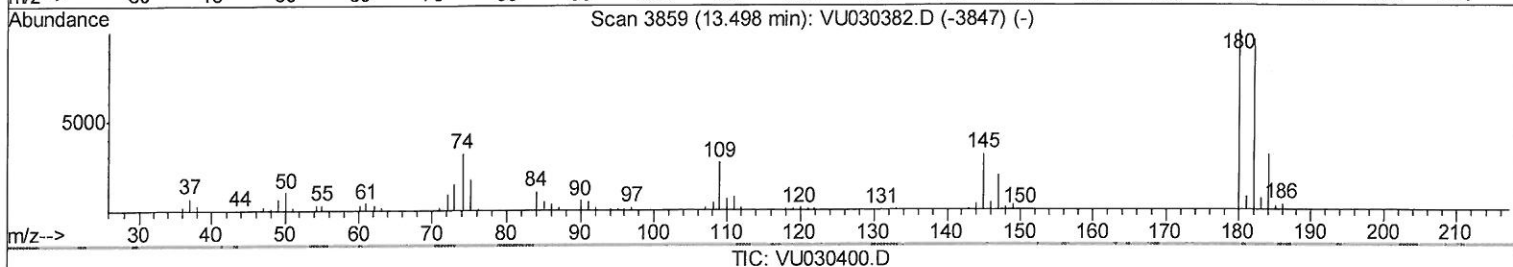
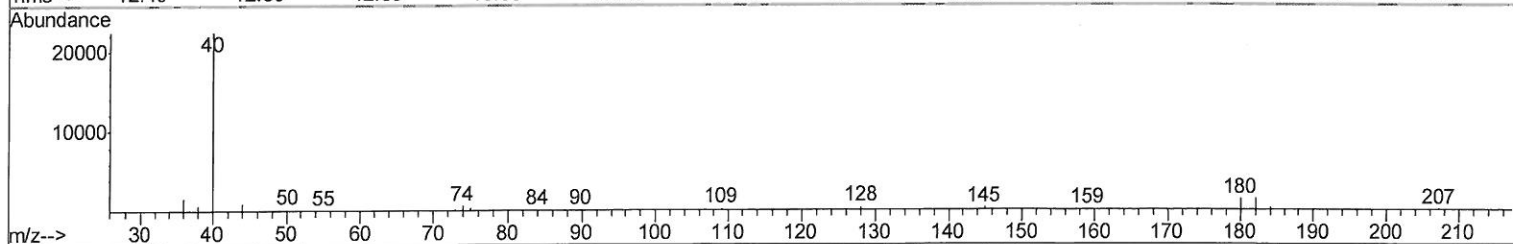
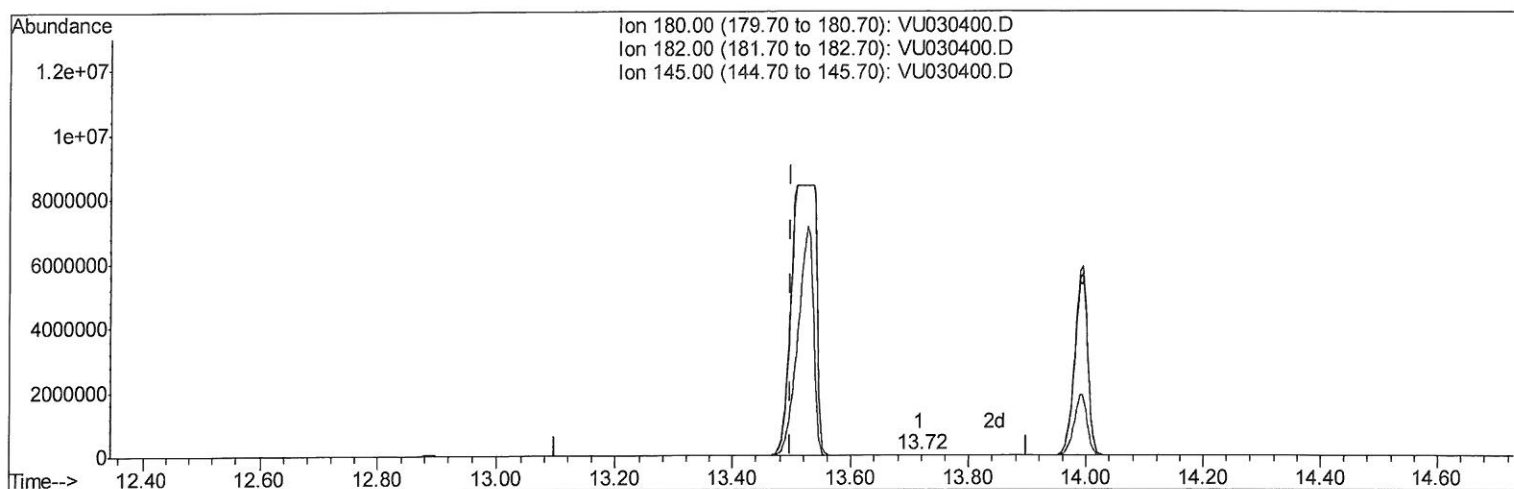
response 30410184

Ion	Exp%	Act%
146.00	100	100
111.00	43.60	52.29
148.00	64.00	73.63
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

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Acq On : 25 Mar 2019 05:36
Operator : JC/SP
Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 25 07:37:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
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(68) 1,2,4-trichlorobenzene (T)

13.716min (+0.219) 0.05ug/L

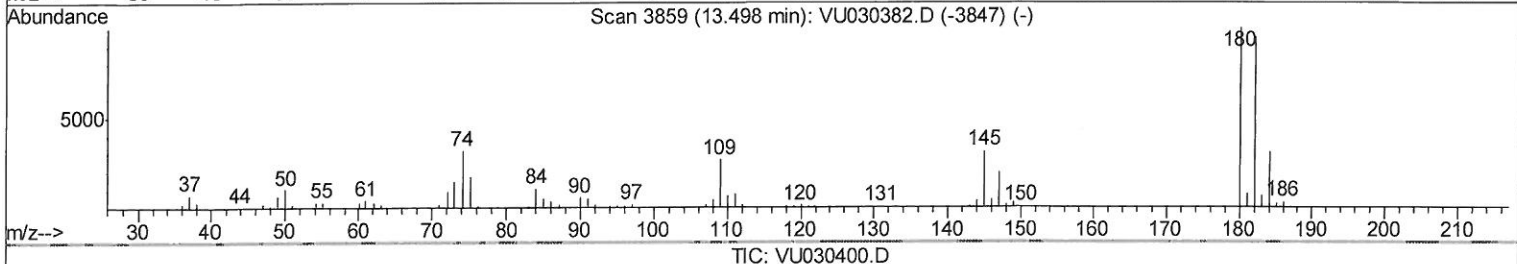
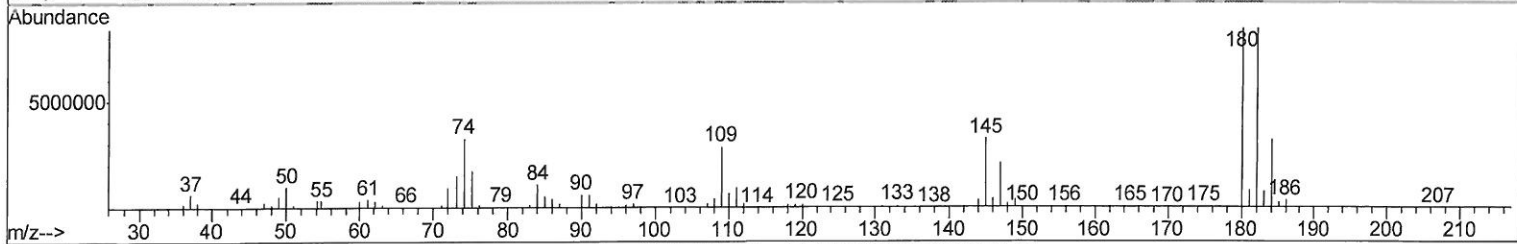
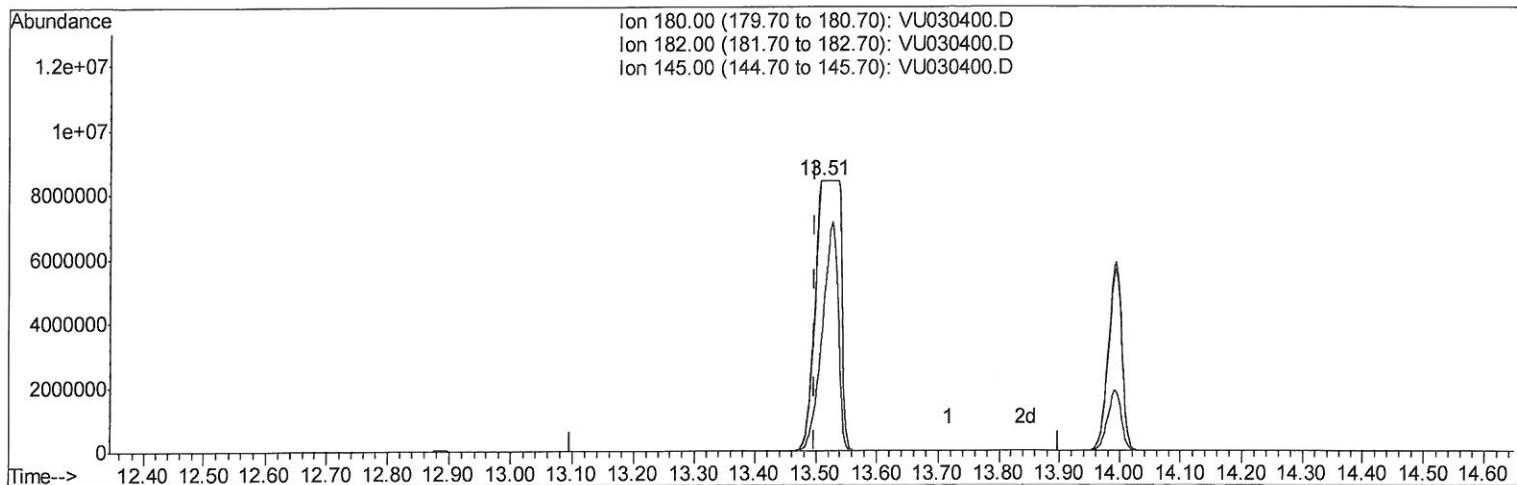
response 270

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	104.07
145.00	30.60	8.15#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (Qedit)

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Acq On : 25 Mar 2019 05:36
Operator : JC/SP
Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

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Quant Title : VOC Analysis
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Response via : Initial Calibration



TIC: VU030400.D

(68) 1,2,4-trichlorobenzene (T)

13.507min (+0.010) 4737.35ug/L m

response 24592651

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	0.00#
145.00	30.60	0.00#
0.00	0.00	0.00

7 mg
3/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Quantitation Report (QT Reviewed)

Data File : VU030400.D
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Sample : K2070-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	437881	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.12	117	450958	50.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	11.49	152	244042	50.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115449	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.52%
7) Chloroethane-d5	1.68	69	102132	36.56	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.12%
11) 1,1-Dichloroethene-d2	2.27	63	193410	28.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.86%#
21) 2-Butanone-d5	4.17	46	316491	95.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.54%
24) Chloroform-d	4.64	84	262444	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.44%
26) 1,2-Dichloroethane-d4	5.31	65	178757	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
32) Benzene-d6	5.34	84	538334	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.26%
36) 1,2-Dichloropropane-d6	6.33	67	193612	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.52%
41) Toluene-d8	7.56	98	489997	42.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.38%
43) trans-1,3-Dichloropropene-	7.85	79	83847	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.60%
47) 2-Hexanone-d5	8.31	63	221572	92.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281552	44.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.94%
64) 1,2-Dichlorobenzene-d4	11.88	152	237292	48.53	ug/L	0.03
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%

Target Compounds

					Qvalue
13) Acetone	2.32	43	16964	5.064	ug/L 98
25) Chloroform	4.67	83	21308	3.323	ug/L 99
29) Cyclohexane	4.99	56	8443	1.237	ug/L 90
31) Carbon tetrachloride	5.13	117	40317	8.614	ug/L 98
33) Benzene	5.39	78	11157893	726.848	ug/L 100
35) Methylcyclohexane	6.41	83	5415	0.872	ug/L # 73
42) Toluene	7.64	91	16781	1.053	ug/L 97
46) Tetrachloroethene	8.23	164	2346	0.890	ug/L 80
51) Chlorobenzene	9.11	112	45354965m	4697.236	ug/L 98
62) 1,3-Dichlorobenzene	11.42	146	13440104	1684.048	ug/L 98
63) 1,4-Dichlorobenzene	11.51	146	27410497m	3336.210	ug/L 100
65) 1,2-Dichlorobenzene	11.88	146	30410184m	3768.354	ug/L 100
67) 1,3,5-Trichlorobenzene	12.89	180	58905	9.859	ug/L 100
68) 1,2,4-Trichlorobenzene	13.51	180	24592651m	4737.351	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	9188041	1676.131	ug/L 99

MO
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed