

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (QT Reviewed)

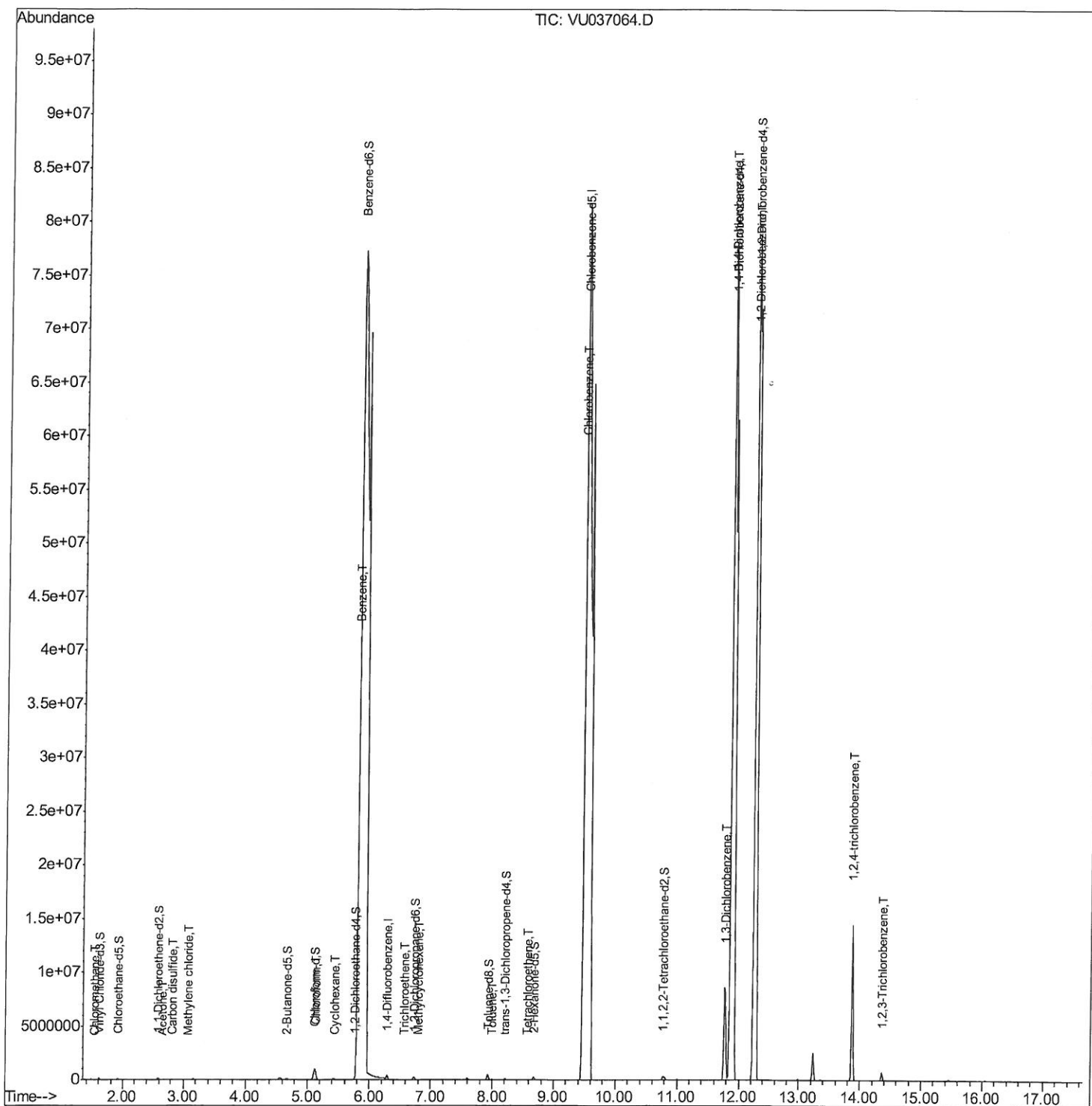
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 04:19:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Qedit)

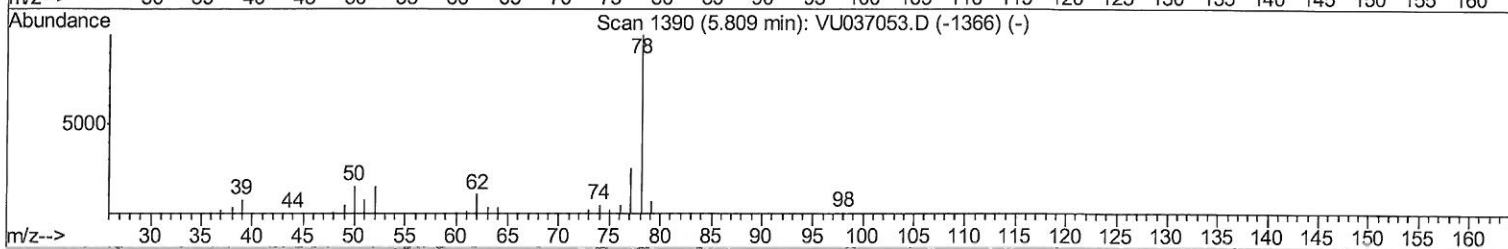
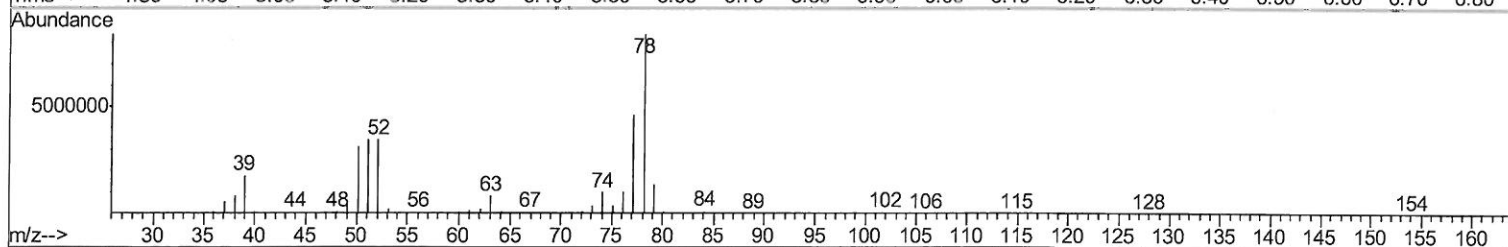
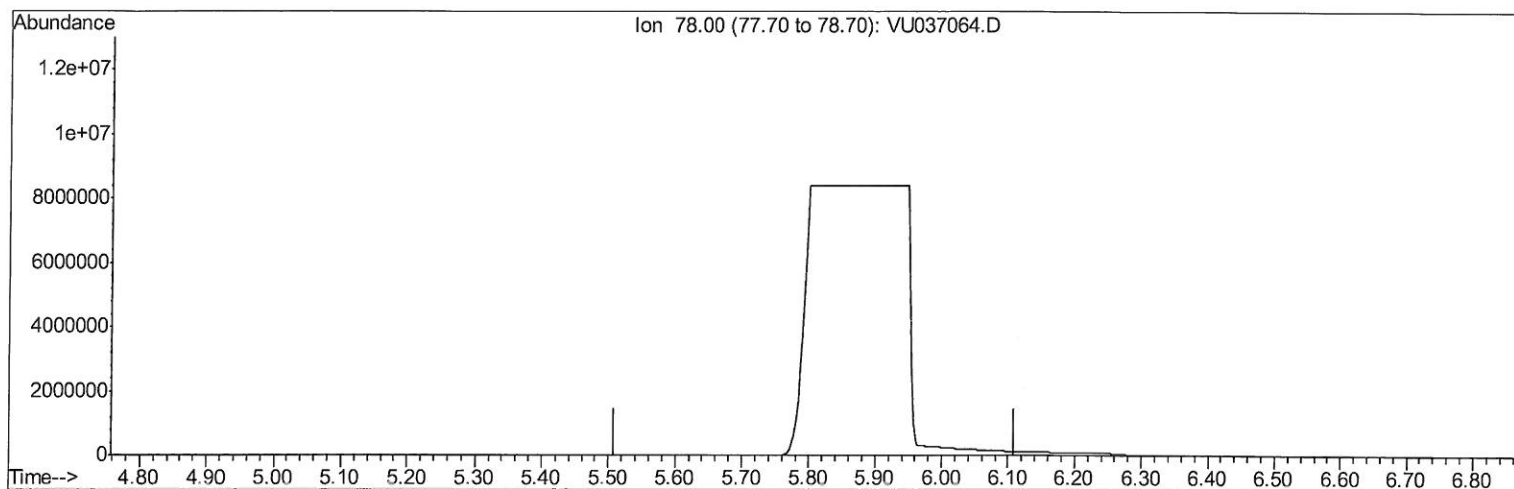
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

Sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 02:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



TIC: VU037064.D

(33) Benzene (T)

5.809min (-5.809) 0.00ug/L

response 0

Ion	Exp%	Act%
78.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Qedit)

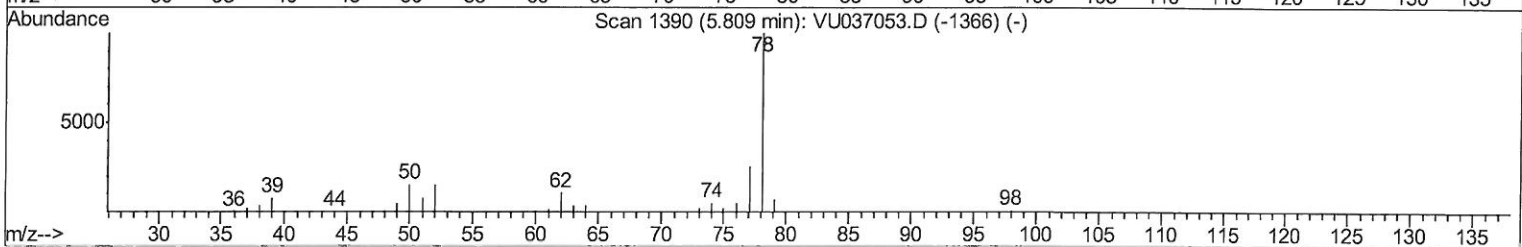
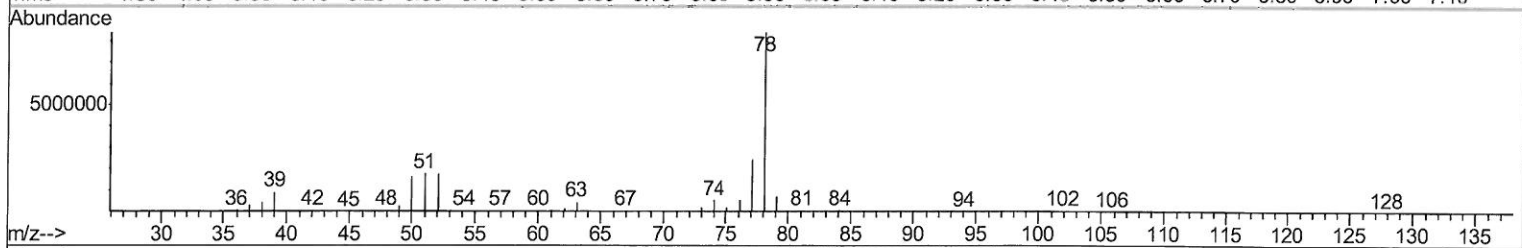
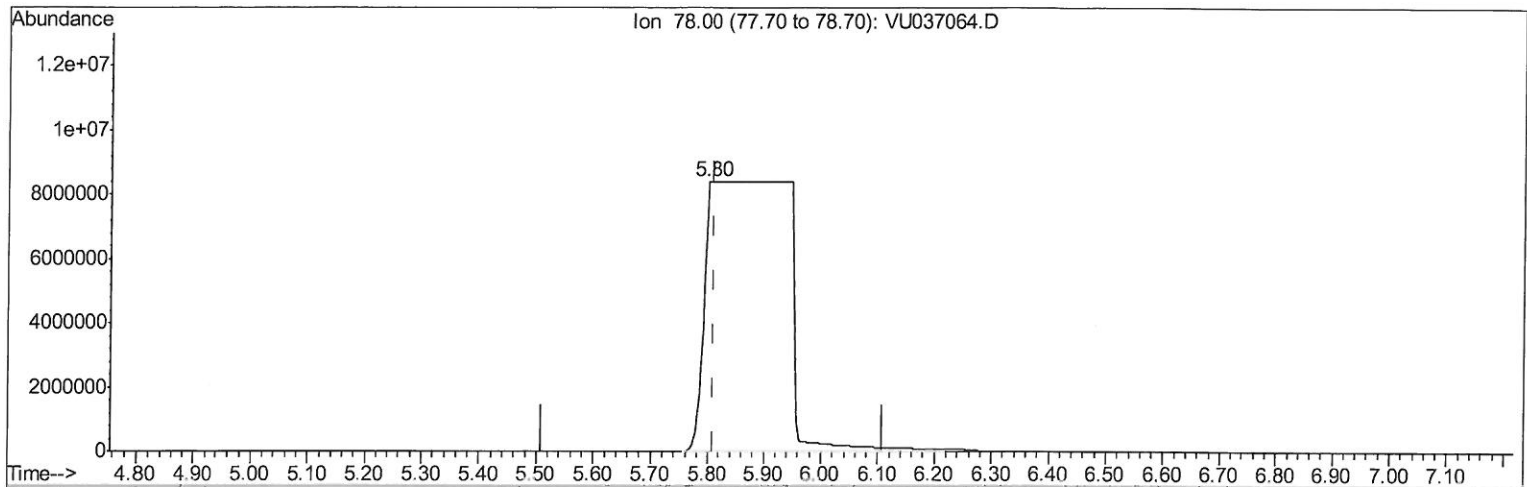
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

Sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 02:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



TIC: VU037064.D

(33) Benzene (T)

5.800min (-0.010) 14814.76ug/L m

response 84935513

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
3/5/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Qedit)

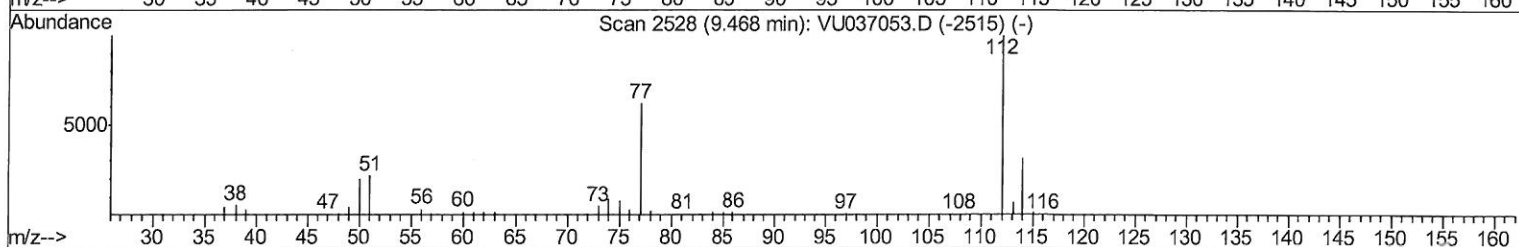
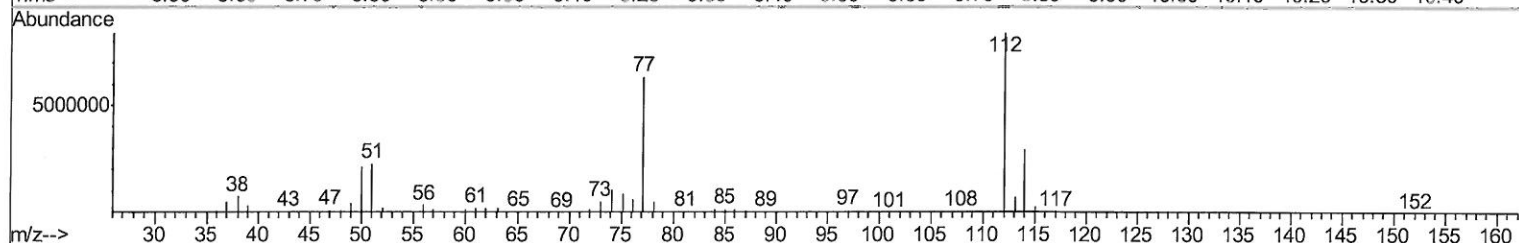
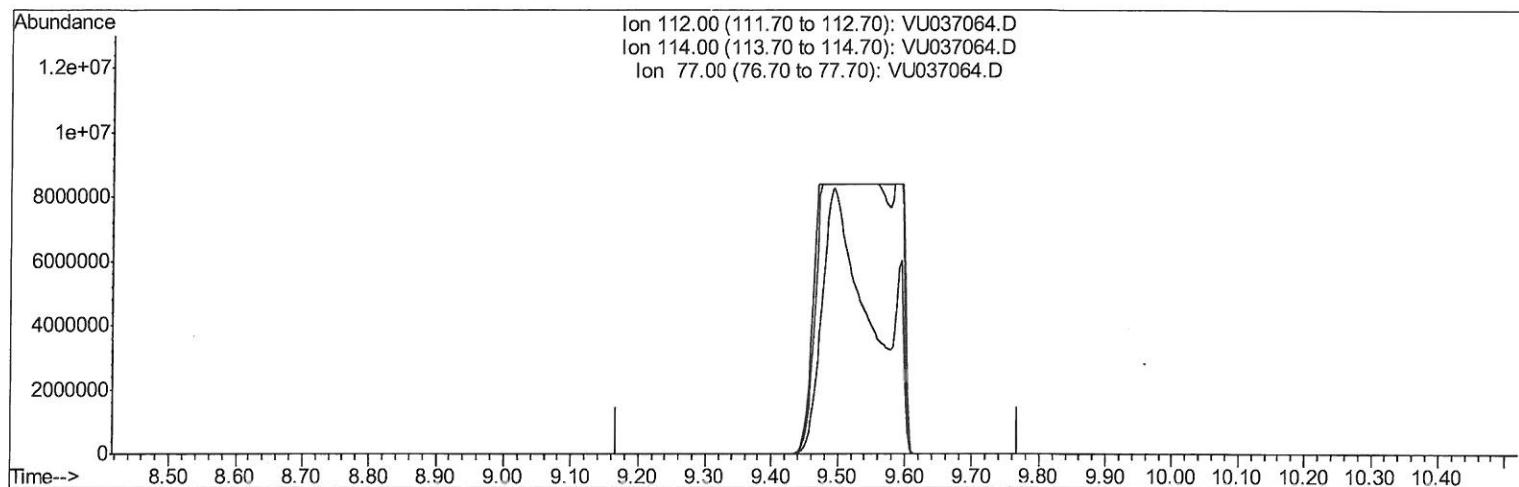
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
C0DH1

Manual Integrations
APPROVED

sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 02:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



TIC: VU037064.D

(51) Chlorobenzene (T)

9.468min (-9.468) 0.00ug/L

response 0

Ion	Exp%	Act%
112.00	100	0.00
114.00	31.90	0.00#
77.00	62.60	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Qedit)

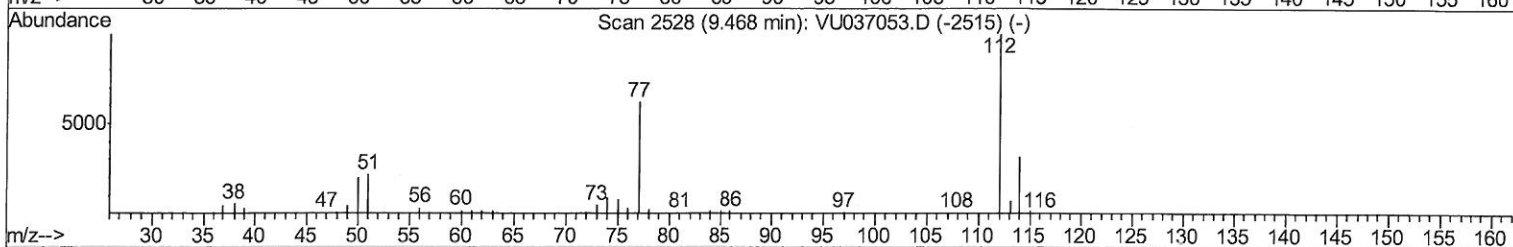
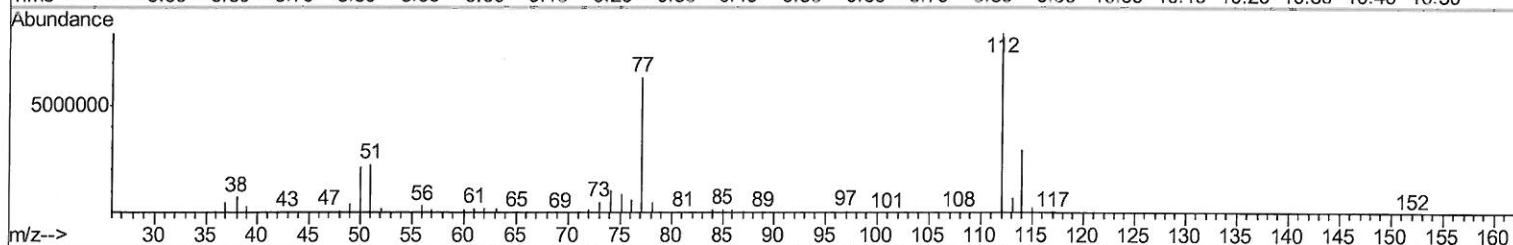
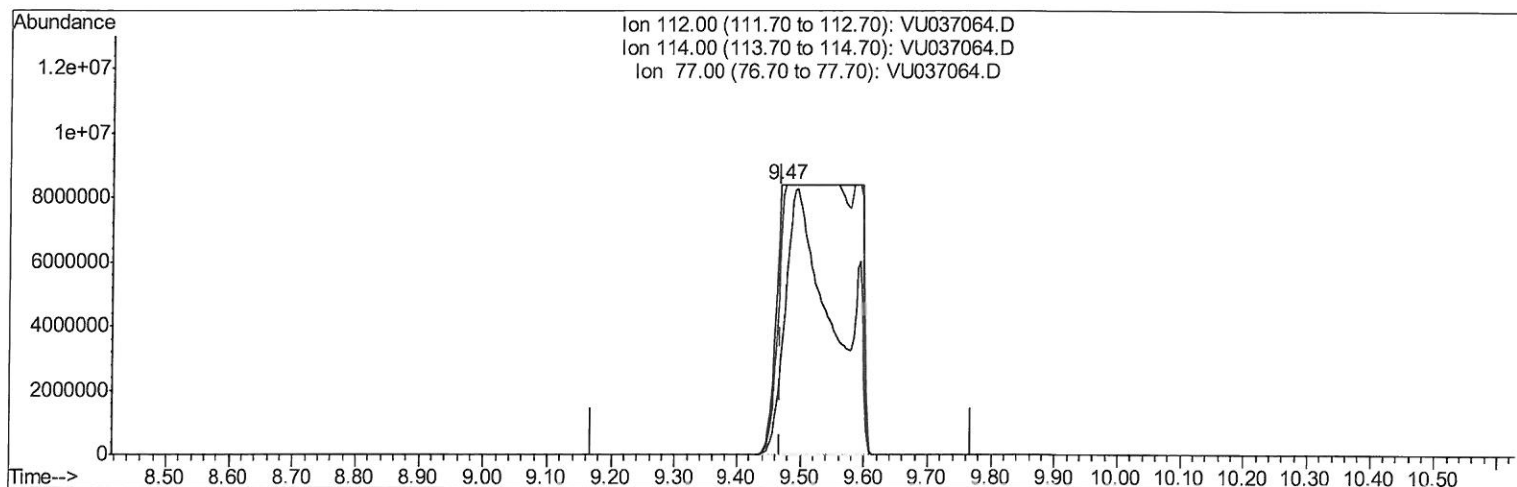
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 02:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



TIC: VU037064.D

(51) Chlorobenzene (T)

9.468min (+0.000) 19815.93ug/L m

response 71716560

Ion	Exp%	Act%
112.00	100	100
114.00	31.90	34.70
77.00	62.60	75.57#
0.00	0.00	0.00

7 ml
3/5/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Qedit)

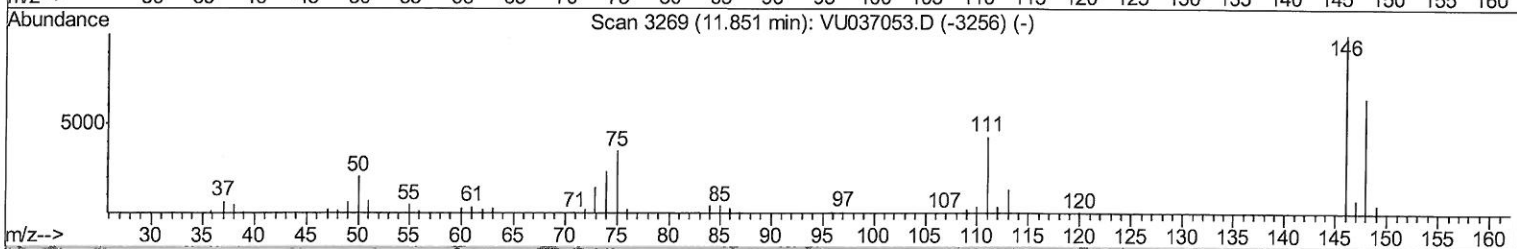
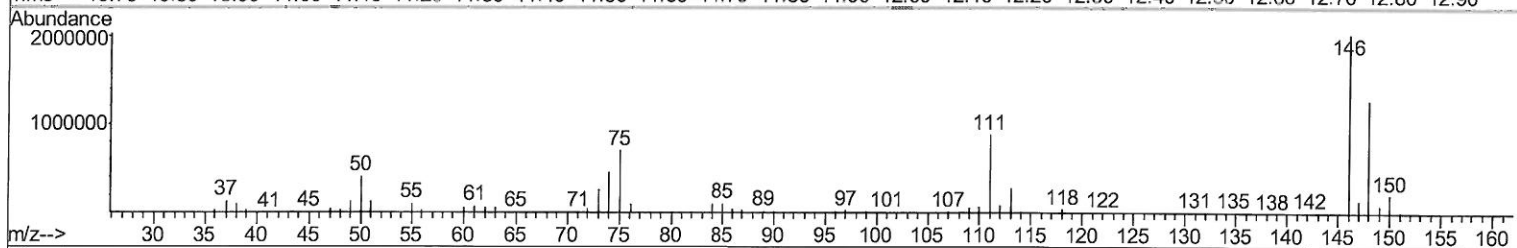
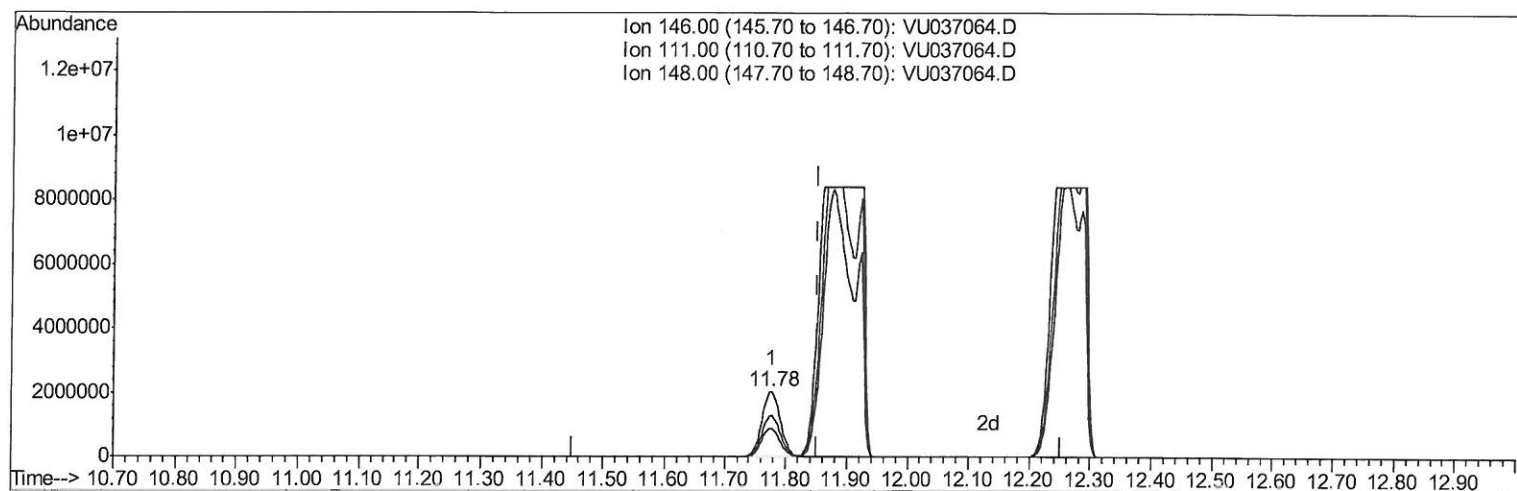
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
C0DH1

Manual Integrations
APPROVED

3/5/2020 3:34:59 PM

Quant Time: Mar 05 02:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



TIC: VU037064.D

(63) 1,4-Dichlorobenzene (T)

11.777min (-0.074) 927.69ug/L

response 4234187

Ion	Exp%	Act%
146.00	100	100
111.00	42.60	43.59
148.00	64.50	63.32
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Qedit)

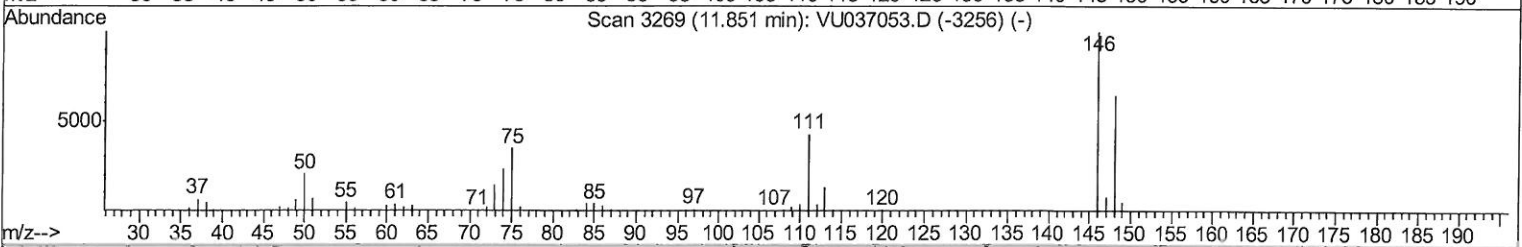
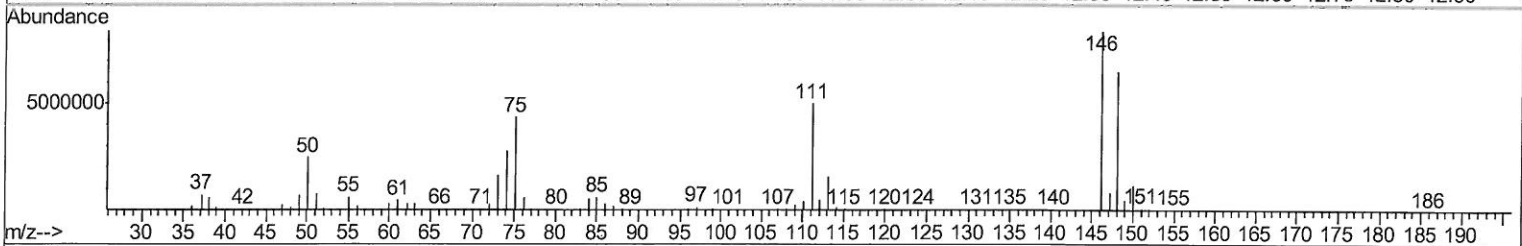
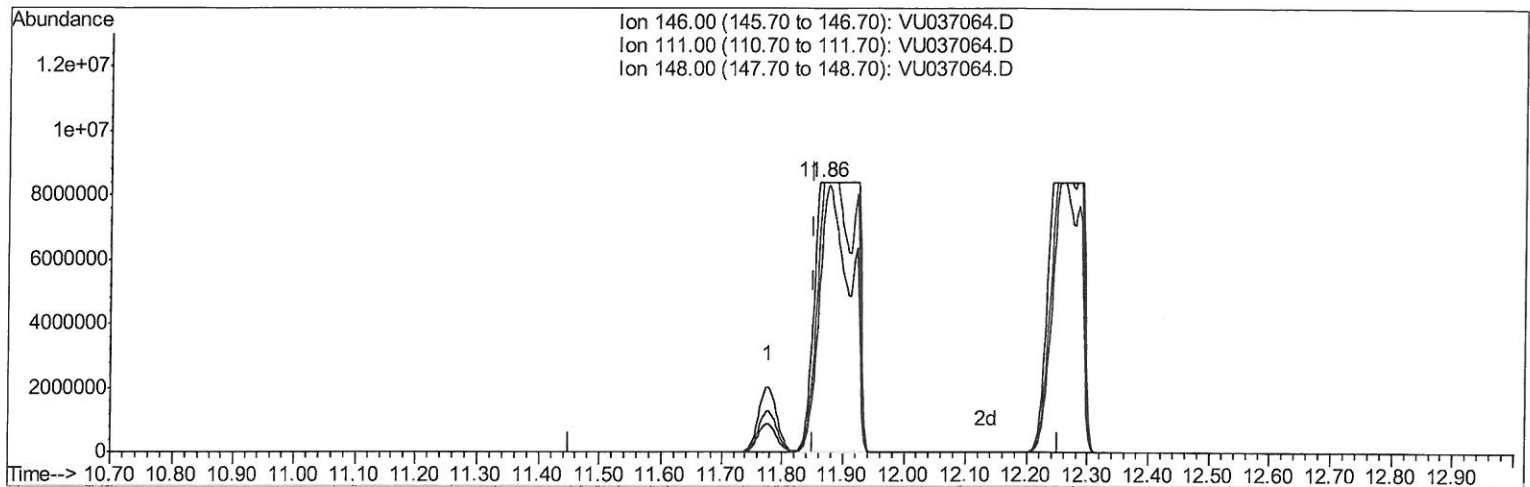
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 02:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



TIC: VU037064.D

(63) 1,4-Dichlorobenzene (T)

11.861min (+0.010) 9049.72ug/L m

response 41305021

Ion	Exp%	Act%
146.00	100	100
111.00	42.60	59.31#
148.00	64.50	77.54
0.00	0.00	0.00

7 md
3/5/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Qedit)

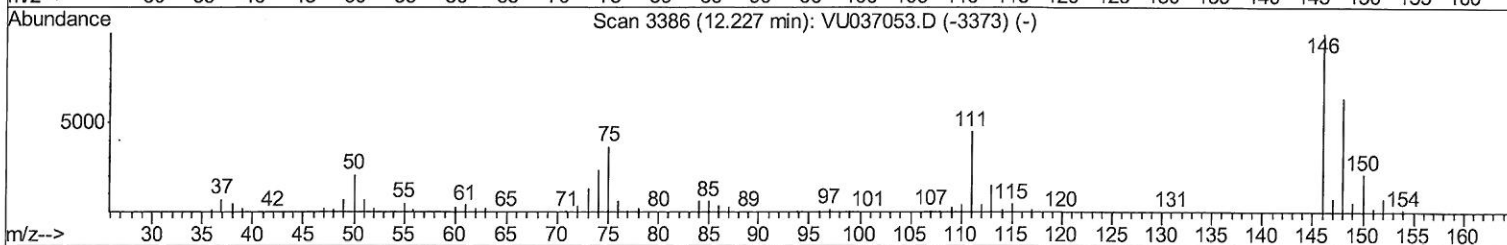
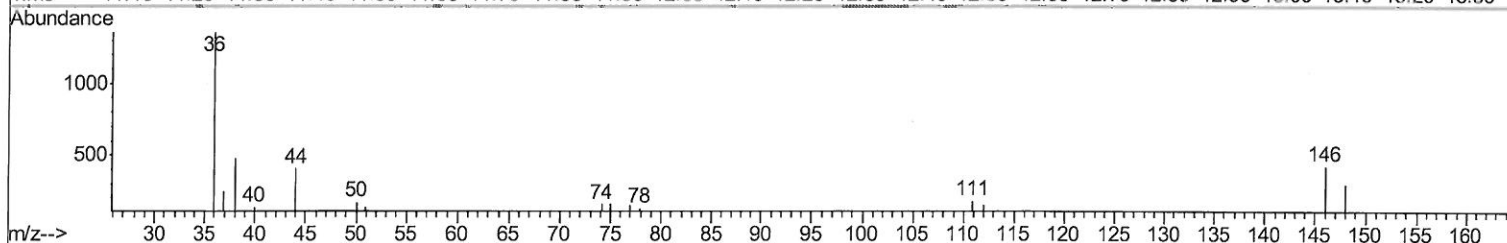
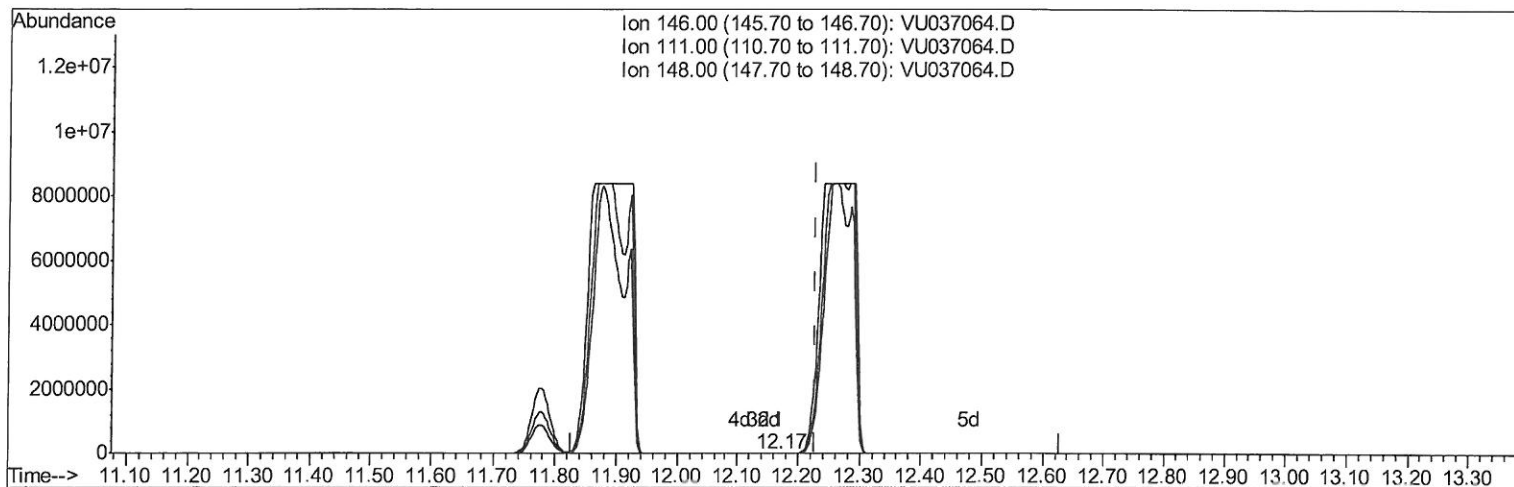
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 02:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



TIC: VU037064.D

(65) 1,2-Dichlorobenzene (T)

12.169min (-0.058) 0.01ug/L

response 42

Ion	Exp%	Act%
146.00	100	100
111.00	44.20	42.19
148.00	63.10	69.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (Qedit)

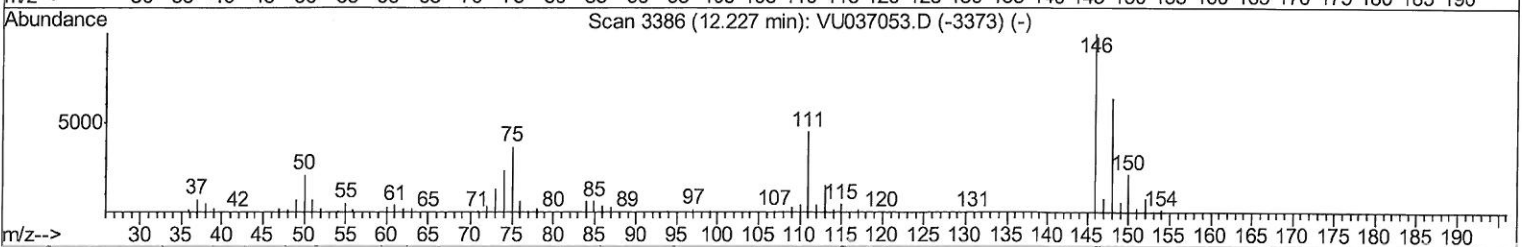
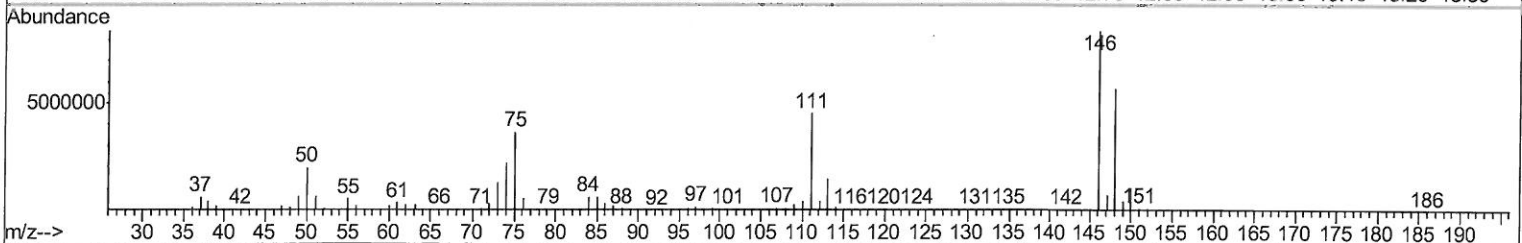
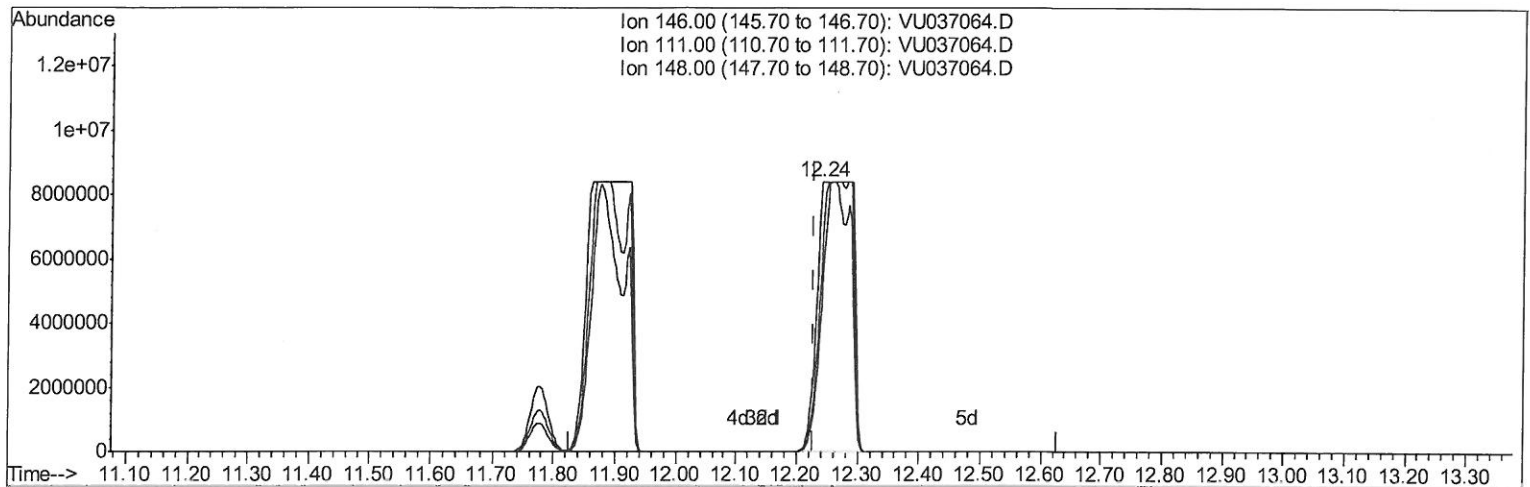
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 02:59:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



TIC: VU037064.D

(65) 1,2-Dichlorobenzene (T)

12.240min (+0.013) 7338.90ug/L m

response 33851845

Ion	Exp%	Act%
146.00	100	100
111.00	44.20	53.93#
148.00	63.10	67.91
0.00	0.00	0.00

7 MD
3/5/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (QT Reviewed)

Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 04:19:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	6.29	114	299019	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.48	117	181478	50.00	ug/L	0.05
60) 1,4-Dichlorobenzene-d4	11.87	152	142409	50.00	ug/L	0.04

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90978	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.46%
7) Chloroethane-d5	1.92	69	88786	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.46%
11) 1,1-Dichloroethene-d2	2.58	63	124596	29.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.26%#
21) 2-Butanone-d5	4.67	46	161962	96.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	5.11	84	211842	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.50%
26) 1,2-Dichloroethane-d4	5.75	65	47063	18.14	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	36.28%#
32) Benzene-d6	5.83	84	356343	67.90	ug/L	0.07
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.80%#
36) 1,2-Dichloropropane-d6	6.73	67	135656	79.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	159.58%#
41) Toluene-d8	7.93	98	363788	74.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	149.44%#
43) trans-1,3-Dichloropropene-	8.21	79	55748	70.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	141.10%#
47) 2-Hexanone-d5	8.68	63	124763	150.07	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	150.07%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	183064	76.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	152.74%#
64) 1,2-Dichlorobenzene-d4	12.24	152	141500	50.83	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

					Qvalue
3) Chloromethane	1.53	50	2960	1.014 ug/L	99
13) Acetone	2.66	43	5855	3.379 ug/L	98
14) Carbon disulfide	2.82	76	40295	6.594 ug/L	98
16) Methylene chloride	3.07	84	9353	3.970 ug/L	97
25) Chloroform	5.13	83	893403	229.676 ug/L	99
29) Cyclohexane	5.43	56	50651	21.032 ug/L	99
33) Benzene	5.80	78	84935513m	14814.756 ug/L	99
34) Trichloroethene	6.58	95	14046	9.968 ug/L	99
35) Methylcyclohexane	6.80	83	16706	6.838 ug/L	# 70
42) Toluene	8.00	91	35557	5.821 ug/L	95
46) Tetrachloroethene	8.58	164	9458	10.189 ug/L	88
51) Chlorobenzene	9.47	112	71716560m	19815.929 ug/L	100
62) 1,3-Dichlorobenzene	11.78	146	4234187	916.543 ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	41305021m	9049.724 ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	33851845m	7338.896 ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	3970083	1807.088 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	217862	99.235 ug/L	99

MD
3/5/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Quantitation Report (QT Reviewed)
Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH1

Manual Integrations
APPROVED

sam
3/5/2020 3:34:59 PM

Quant Time: Mar 05 04:19:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
--------------------	------	------	----------	------	-------	-----------

-------	--	--	--	--	--	--

-------	--	--	--	--	--	--

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